Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.
Top Notch Seeds for 1932

Russell-Heckle Seed Co
Memphis, Tenn.

The home of good seeds

Vegetable Seed Trials JAN 8th 1932
Our Sterling grade baby chicks are hatched from properly mated, pedigreed pure bred flocks, chicks that will live and grow if properly handled. Sterling chicks are No. 1 grade from pedigreed flocks, not hatched from promiscuous eggs. Try Sterling chicks and see the difference. All Sterling chicks are shipped from our hatchery, not from Memphis. Shipped regularly every Monday, so get your order in the week before and chicks will reach you when you want them.

100% LIVE DELIVERY GUARANTEED

You will absolutely get full count and full value and we guarantee 100% live delivery on our Sterling chicks. All are selected at the hatchery to see that you get strong, husky chicks.

We take all the risk, as a matter of fact, we generally put in a few more chicks than you pay for as our hatchery usually puts in some extras. We further guarantee that you will be thoroughly satisfied with the Sterling baby chicks we ship you. The stock is right and the chicks are right.

PRICES FOR DELIVERY IN JANUARY, FEBRUARY, MARCH, APRIL

<table>
<thead>
<tr>
<th></th>
<th>50 Chicks</th>
<th>100 Chicks</th>
<th>Per 100 Chicks</th>
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</thead>
<tbody>
<tr>
<td>Barred Plymouth Rocks</td>
<td>$5.25</td>
<td>$9.50</td>
<td>$9.00</td>
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<tr>
<td>Rhode Island Reds</td>
<td>$5.25</td>
<td>$9.00</td>
<td>$8.50</td>
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<tr>
<td>White Plymouth Rocks</td>
<td>$5.50</td>
<td>$10.00</td>
<td>$9.50</td>
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<tr>
<td>White Wyandottes</td>
<td>$5.50</td>
<td>$10.00</td>
<td>$9.00</td>
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<tr>
<td>Buff Orpingtons</td>
<td>$5.25</td>
<td>$9.50</td>
<td>$8.50</td>
</tr>
<tr>
<td>Mottled Anconas</td>
<td>$5.00</td>
<td>$9.00</td>
<td>$8.50</td>
</tr>
<tr>
<td>S. C. White Leghorns</td>
<td>$5.00</td>
<td>$9.00</td>
<td>$8.50</td>
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<tr>
<td>Brown Leghorns</td>
<td>$5.00</td>
<td>$9.00</td>
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</tr>
<tr>
<td>Mix Cream Breeds</td>
<td>$5.00</td>
<td>$9.00</td>
<td>$8.50</td>
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</table>

No less than 50 chicks of one variety shipped.

Terms cash with order.

STERLING HATCHED S. C. WHITE WYANDOTTES

Can give you either Fisheľ's or Martin's Wyandottes. As early fryers this breed is one of the best. The Wyandottes are superior winter layers and produce beautiful, large size hens and roosters. Wyandottes are a vigorous, strong breed that are easily raised.

STERLING HATCHED BARRED PLYMOUTH ROCKS

We can furnish Thompson and Purdue strains in this most popular breed. Barred Plymouth Rocks are hardy, profit producers, that grow quickly and repay the investment. For early broilers, this breed is hard to beat.

STERLING HATCHED S. C. RHODE ISLAND REDS

This breed has the vitality and ability to stand weather conditions, and quick growth are the outstanding good points in Rhode Island Reds. We can supply either Tompkin's or the Thompson strain—both good. Rhode Island Reds grow quick, are vigorous and make fine fryers early.

THE CHICKS YOU START EARLY

Are the most profitable. Don't delay, order today, avoid disappointment. The demand for Sterling chicks is always great and this year we look for a heavier demand than ever before. Don't take a chance—order Sterling chicks now. Get them right. You want the proper foundation and this is the time, with Sterling chicks.

MONEY MAKING BABY CHICKS

Baby chicks are almost certain money-makers, whether purchased for supplying the home fryers, egg layers or for the farm, if sold early. Our Sterling chicks are easy to raise, you can get them promptly, and are delivered by your postman without any inconvenience or trouble, just have a good brooder or some hens to care for the chicks on arrival. Start them early, it pays to get and have the chicks as early in the spring as possible.

HOW TO ORDER

Our hatchery ships every Monday during the hatching season, so endeavor to get your order in the week before and you can then depend on getting the chicks you order the following Tuesday. The earlier we have your order the better service we can give you.

When you order, give second choice in case we are sold out on the breed you order. This is to save delay.

All orders are acknowledged promptly on receipt. Remit by Post-office or Express money order. Our terms on baby chicks are cash in advance to one and all alike.

PRICES FOR DELIVERY IN MAY, JUNE AND JULY

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<td>Barred Plymouth Rocks</td>
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<tr>
<td>Mottled Anconas</td>
<td>$5.00</td>
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<td>$8.00</td>
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<tr>
<td>S. C. White Leghorns</td>
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<tr>
<td>Brown Leghorns</td>
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<tr>
<td>Mixed Heavy Breeds</td>
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STERLING HATCHED MOTTLED ANCONAS

Shepperd's strain, the best there is in this class. The Anconas are of the Mediterranean class, wonderful layers. When it comes to shell ing eggs the Anconas are on the job. The eggs are snow white, good size and weight, and always bring top prices. For steady production, the Anconas lead them all, they are just naturally a busy chicken, never get too fat, thus, they keep in condition for producing eggs the year round.

STERLING HATCHED S. C. WHITE LEGHORN S

The leading breed for egg production, they produce big chalk white eggs the year round. We have the Tancred and English White Leghorns, both noted for their superior laying qualities. The Sterling chicks we furnish of S. C. White Leghorns inherit their production from world famous strains noted for the exceptional yield of eggs. You can't go wrong in having White Leghorns if you are out for eggs.

STERLING HATCHED WHITE PLYMOUTH ROCKS

A great big white chicken that lays big white eggs. We have the celebrated Tolman strain of this most excellent breed. They are good layers and grow quickly to frying size. If you are in doubt as to a breed to select, you won't go wrong with White Plymouth Rocks.

FROM SELECTED BREEDS

Sterling chicks are all strong hatched chicks from pedigreed stock under the careful supervision of an expert, also to see that they are from stock that is properly mated to bring strong chicks. These breeds are housed in modern sanitary quarters and every precaution used to assure healthy, strong, vigorous chicks.
ORDER FOR
SEEDS, BULBS, PLANTS, ETC.
TO
RUSSELL-HECKLE SEED CO.
SALES OFFICE AND STORE: 26 SO. FRONT ST.
WHOLESALE WAREHOUSE AT LINDEN STATION
MEMPHIS, TENN.

Date ____________________ Forward by ____________________
Mail-Express
Or Freight

Name ____________________________________________

Post Office _______________________________________

County ______________________________________ State

R.F.D. ______ Box ______

Express or Freight Office ____________________________

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NON-WARRANTY
Russell-heckle Seed Company give no warranty, express or implied, as to description, quality, productivity, of any seeds, plants, bulbs, or nursery stock they send out, and they will not be in any way responsible for the crop.

IN EXPLANATION
Most of the failures with seeds, plants, bulbs, etc., are due to unfavorable weather or soil conditions, too deep or shallow plantings, etc., all causes beyond our control; therefore, it is impossible for us to guarantee success.

But you can take our seed home, examine them, test them, call in your neighbor or County Agent, and if you feel you have not gotten your money's worth, or our seeds are not as represented, return them at once, and we will cheerfully refund your money. Our customers are satisfied customers.

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<table>
<thead>
<tr>
<th>QUANTITY</th>
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<th>DOLLARS</th>
<th>CENTS</th>
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Amount Carried Over

USE THIS ORDER SHEET IF POSSIBLE. IT AIDS IN FILLING ORDERS PROMPTLY.
SPECIAL RATES ON PACKET GARDEN AND FLOWER SEEDS

Select any six 5c size for: $0.25  Select any three 10c size for: $0.25
Select any thirteen 5c size for: $0.50  Select any seven 10c size for: $0.50

We pay parcel post at above rates, but allow no further discounts.

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FREE FLOWER SEEDS. When mailing us your order, write on lines below five names and addresses of your neighbors or friends who buy seeds, bulbs, plants, poultry supplies, fertilizers, etc., and we will send you free five packets of fresh desirable Flower Seeds. Just put down names that you think will want seeds, etc., and we will do the rest.

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WE PAY POSTAGE on all seeds quoted by the packet, ounce, quarter pound and pound, also on pints and quarts of Peas, Beans and Sweet Corn, and on plants and bulbs except where noted otherwise, and upon all goods quoted in our catalogue where it says: Parcel post paid.
Phenomenal New Dahlias: Exceptional Dahlias for 1932

In these new and standard Dahlias you will find many desirable and fine varieties, all at very reasonable prices. It pays to have the good kinds, of high merit. These bulbs will be mailed to you during the month of March or early in April—in fact, we do not advise planting any Dahlia bulbs before April, or even in May is better. You get more and better blooms by planting in May. Removing the flower buds and proper pruning will throw large blossoms, so do not fail to prune and disbudd the plants. Too many flowers on the stem will be at the expense of size.

For general list of Dahlia Bulbs, see page 29.

Radio Dahlia

Andreas Hofer This new Holland importation is the finest of the modern Cactus Dahlias we have ever seen. In color, it is a most delightful shade of rose-pink blending to yellow at the center. In addition to its exquisite coloring, it has exceptionally long, stiff stems—so long that this is one of the very best dahlias for cut-flower purposes that we have ever seen among the new creations. It is an especially abundant bloomer, flowering continuously from early July until killed by frost in October. Highly recommended. $1.00 each.

Aurantiaca Rare importation from Holland; a most abundant flowering, continuous blooming new creation in the favorite autumn shades. A blend of buff and golden bronze, with distinctly twisting petals and very long stiff stems. $1.00 each.

Jane Cowl Phenomenal decorative dahlia of golden buff and old gold blending to apricot and rose at the center. Splendid formation, gigantic size, long strong stems. $1.00 each.

Margaret Woodrow Wilson Mammoth opalescent pink creation with exceptionally strong stiff stems. A remarkable creation of creamy white suffused pink, the reflex or reverse side of each petal being a deeper lavender pink. A very fine exhibition flower, and equally good in the garden. 75c each; 3 for $2.00.

Radio Decorative. This phenomenal dahlia will produce flowers of greater size than any other dahlia we have seen. Grown ordinarily (without forcing, etc.), it produces flowers 8 to 10 inches in diameter. In addition to its gigantic size, it is a continuous bloomer, producing its magnificent flowers on strong, stiff stems. In color, a most attractive combination of deep "American Beauty" red, blending to yellow at center, with tips of gold. It makes a very sturdy and vigorous plant and one that we can recommend to the most critical enthusiast. $1.00 each.

Waldheim Sunshine Deep golden yellow shading to chrome yellow at the center, while the reflex is lightly suffused scarlet. Beautifully shaped flowers, possessing long curling petals. Flowers 6 to 10 inches in diameter. $2.00 each.

Collection of Phenomenal New Dahlias for 1932

One of each, 6 distinct varieties, for $5.00.
One each of Aurantiaca, Radio, and Margaret Woodrow Wilson for $2.25, postpaid.

Ambassador Giant Hybrid Cactus Dahlia from California. Blends of gold, salmon and yellow. $1.00 each; 3 for $2.75.
Beatrice Slocombe A perfectly formed decorative flower of rich carmine-red blending to old gold, each petal tipped gold. It is an early, continuous and abundant bloomer which makes it ideal as a garden variety. The combination of colors is very attractive; a most unique and pleasing blossom. $1.00 each.
Jersey's Beacon Chinese scarlet; very large and attractive flowers on strong stems. $1.00 each.
Mrs. Elmer O. Drew This immense new creation attracted considerable attention in our garden this past fall. Its flowers are of tremendous size—6 to 9 inches in diameter (without forcing or disbudding)—and are composed of very long, beautifully curled petals. Rich purplish-maroon. Some would classify it as a Hybrid Cactus, but we think it nearer a Hybrid Decorative. Blooms very abundantly and gives complete satisfaction. $1.00 each; 3 for $2.75; 6 for $5.00.
Sequoia Gigantea Another gigantic Californian production of excellent habits. It is well named, as it is as sturdy as the giant trees of California, and towers above other plants in the garden. An immense flower of buttercup-yellow with a suggestion of red. The largest and best of the deep yellow decoratives. A very broad, well-formed flower produced on stems as stiff as cane. 75c each; 3 for $2.00; 6 for $3.75.
One each of the 5 exceptional Dahlias above for $4.00, postpaid.
One each of Beatrice Slocombe, Mrs. E. O. Drew, and Sequoia Gigantea for $2.25, postpaid.

Pompon Dahlias

Amber Queen Very abundant flowering; long stiff stems, ideal for cutting; in very heavy demand for bouquets at the flower shops. An unusually beautiful combination of amber, beautifully edged apricot. Highly recommended. 35c each; 3 for $1.00; 500 per dozen.
Belle of Springfield The smallest dahlia grown, very tiny, brick-red. 75c each; 3 for $2.00.
Golden Queen Very abundant flowering, pure golden yellow. One of the very finest cut-flower dahlias we have ever seen, and an excellent Pompon. In very heavy demand for bouquets at the flower shops. 35c each; 3 for $1.00; 6 for $1.75; 12 for $3.25.
We take great pleasure in offering our customers the opportunity of securing trees of the new Mahan Pecan, a real horticultural sensation that is sweeping the country.

We show a picture of a tree only 19 months after planting, bearing over a pound of nuts. So far the nuts have brought wholesale over $1.00 per pound.

We are of the opinion the Mahan Pecan will succeed in this section, as it has produced good crops where Stuart, Success and Schley have been grown successfully.

The Mahan nut is a giant in size, supreme in quality, thin shell, attractive to the eye. Years of closest observation fail to disclose any scab either in tree or nut. Nuts are very large, run 33 to the pound.

**Origin of the Mahan Pecan**

Eighteen years ago Mr. J. M. Chestnut of Kosciusko, Miss., was visiting the State Fair at Jackson, Miss., and persuaded a man roaming around with a glass jar of fine pecans to sell him five of the nuts for $1.00. Mr. Chestnut took them home to Kosciusko and planted them. One of the young trees showed exceptional vigor, it started bearing very early, and the nuts were much larger than the original nut planted.

This tree continued to bear good crops and when it was 14 years old bore about 80 pounds of nuts.

The tree is a vigorous grower, unusually large, beautiful foliage, prolific early bearer, and an annual producer.

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**Prices of the Mahan Pecan Trees**

All size trees are the same price, first orders being given preference on the larger trees. Size of trees three to four feet. If you wish small trees, state so.

Deliveries begin early in February and continue during the planting season.

The Mahan Pecan is sold only under a special non-propagating agreement, which must be agreed to by signing the agreement below.

The trees we offer are grown by the Monticello Nursery Co. and will be labeled "Mahan" with an aluminum label and copyrighted.

**Order Blank for Mahan Pecan Trees**

Russell-Heckle Seed Co.,
Agents for Monticello Nursery Co.,
Memphis, Tenn.

Gentlemen:

You may enter my order for ........................................ Mahan (trade-mark registered) Pecan Trees

at $............. each

to be shipped about ...................................................

to ..............................................................

via express collect. Terms of payment not less than 20% with order and balance before trees are shipped.

Realizing the advantages of having all propagating of the Mahan variety done by one nursery, so as to keep the strain clear and true to type, and realizing the great expense of the widespread testing and investigation of the Mahan variety and the great cost of its introduction, it is a protection to the general public as well as the Monticello Nursery Company from the imposition of substitution and misbranding often practiced by unscrupulous dealers. This is intended to prevent fakirs from misbranding and marketing inferior varieties of pecans and pecan trees as genuine Mahan. Furthermore, this will enable nut growers who purchase genuine Mahan pecan trees to reap the rewards of the high prices on the nut markets for the Mahan nuts without having the damaging influence of bogus and inferior sorts which may be substituted as genuine. Thus the reputation of the Mahan for being the finest quality pecan in the world, with thin shell, large size, early bearer, luxuriant grower, and most profitable to raise will be maintained and protected by the cooperation of the Monticello Nursery Company and the purchasers of all Mahan trees, for the general good of all purchasers. Therefore, in addition to the money considered I will also agree not to allow anyone either directly or indirectly to use the Mahan trees or buds or wood from the trees for propagating purposes before 1937. In the event that any part of this covenant is breached or violated, you or your assigns are to have the right to apply for and obtain injunction or other legal remedy from court of proper jurisdiction.

(Signed)..............................................................

Mail address..............................................................
### BEANS—Bush Lima

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<tr>
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<tr>
<td>Henderson's Bush Lima</td>
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<td>Red Philippine Lima</td>
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<tr>
<td>Rooted Bush Lima</td>
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<tr>
<td>Henderson's Bush Lima</td>
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<td>Red Philippine Lima</td>
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<tr>
<td>Rooted Bush Lima</td>
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### BEANS—Bush Green and Wax Pod

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<td>Currie's Rust Proof Wax</td>
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<td>Burpee's Stringless Green Pod</td>
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<tr>
<td>Imp. Early Red Valentine</td>
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<td>Longdelight</td>
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<td>Scottish Red Valentine</td>
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<td>Tenn. Green Pod</td>
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<tr>
<td>Carrie's Rost Proof Wax</td>
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<td>Davis Wax</td>
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<td>Improved Golden Wax</td>
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<td>Penned Pole Wax</td>
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<tr>
<td>Prolific Black Wax</td>
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<td>Webber Wax</td>
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### BEANS—Pole or Running

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<th>Variety</th>
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<tr>
<td>Kentucky Wonder or Old Homestead</td>
<td>$1.20</td>
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<tr>
<td>McCauley Pole</td>
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<tr>
<td>Red Speckled Cut Short</td>
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<tr>
<td>Scotia Striped Cornfield</td>
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<tr>
<td>Tennessee Wonder</td>
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<tr>
<td>White Creaseback or Fat Horne</td>
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### BEANS—Pole, Butter or Lima

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<td>Caroline Sieve, Small Pole Butter</td>
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<tr>
<td>Cullus or Florida Speckled</td>
<td>$1.25</td>
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<td>King of the Garden Lima</td>
<td>$1.20</td>
<td>$0.95</td>
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<tr>
<td>Large White Lima</td>
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<tr>
<td>R-H. Co.'s Improved Butter</td>
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### BEANS—Field or Shell

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<tr>
<th>Variety</th>
<th>60 lbs. to bu.</th>
<th>Catalogue Page 10.</th>
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<tr>
<td>Great Northern</td>
<td>$0.75</td>
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<td>Red Kidney</td>
<td>$1.25</td>
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<tr>
<td>White Mayflower Pea Bean</td>
<td>$0.50</td>
<td>$0.35</td>
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### CABBAGE

<table>
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<th>Variety</th>
<th>1 lb.</th>
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<th>10 lbs.</th>
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<tr>
<td>Charleston Large Wakefield</td>
<td>$1.25</td>
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<tr>
<td>Copenhagen Market</td>
<td>$1.85</td>
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<td>Early Jersey Wakefield</td>
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<tr>
<td>Flat Dutch</td>
<td>$1.25</td>
<td>$5.00</td>
<td>$10.00</td>
</tr>
<tr>
<td>Early Summer</td>
<td>$1.25</td>
<td>$5.00</td>
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</tr>
<tr>
<td>Golden Acre</td>
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<tr>
<td>Long Drumhead</td>
<td>$1.25</td>
<td>$5.00</td>
<td>$10.00</td>
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<tr>
<td>Large Flat Dutch</td>
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<tr>
<td>Large Drumhead Savoy</td>
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### LETTUCE

<table>
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<tr>
<td>Big Boston</td>
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<td>Black Seeded Simpson</td>
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<td>Chicklet</td>
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<td>Iceberg</td>
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<td>Large White Cabbagehead</td>
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<td>Prizehead</td>
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<tr>
<td>White Boston</td>
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### MUSTARD

<table>
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<tr>
<td>Chinese Mammoth</td>
<td>$0.40</td>
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<tr>
<td>Florida Broccoli</td>
<td>$0.50</td>
<td>$2.00</td>
<td>$3.50</td>
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<tr>
<td>Large Smooth Leaf</td>
<td>$0.40</td>
<td>$1.25</td>
<td>$3.50</td>
</tr>
<tr>
<td>Southern Giant Curled</td>
<td>$0.50</td>
<td>$2.00</td>
<td>$3.50</td>
</tr>
<tr>
<td>Japanese Mustard Spinach</td>
<td>$0.50</td>
<td>$2.00</td>
<td>$3.50</td>
</tr>
</tbody>
</table>
CANNED MEAT—For Dogs and Puppies

**Catalogue Page 69.**

- *Hem-O-Ration, case 48 1-lb. cans... $5.95*
- *Kit-E-Ration, case 48 1-lb. cans... 6.00*
- *Miller's 1-A Quick Lunch, case 48 1-lb. cans... 5.75*
- *Pup-E-Ration, case 48 1-lb. cans... 6.40*
- *Pup-E-Ration, 250 lb. box... 6.00*
- *K-E-Ration, case 48 1-lb. cans... 6.00*

**FERTILIZERS**

**Catalogue Pages 63-64.**

- *R.-H. Co.'s Nitrate of Soda, 15% Nitrogen... 2.50 47.00*
- *R.-H. Co.'s Jax Fertilizer, 17-33-17... 12.00*
- *R.-H. Co.'s Early Trucker, 4-8-4... 2.00 34.00*
- *R.-H. Co.'s Good Luck Corn Fertilizer, 4-8-4... 2.00 34.00*

**RAT AND MOUSE DESTROYERS**

**Catalogue Page 70.**

- *Tobacco Dust, 10 lbs., 80c; 25 lbs., $1.50; 100 lbs... 5.00*
- *Sulfocide, gallon can, $2.75; 5 gallon can... 8.75*
- *Sulphur, Fine Powdered, 25 lbs., $1.75; 100 lbs... 4.00*
- *Scalecide, 5 gallons, $6.00; 10 gallons, $10.00; 15 gallons... 13.50*
- *Red Star Roach and Ant Insecticide, qt., $2.00; gallon... 60c; 1 gallon can... 1.00*
- *Knock Out Fly Spray, 1 qt. can, 60c; 1 gallon can... 1.50*
- *Red Cross Rat and Mouse Embalmer, can, 15c; 25c... 1.00*
- *25c; 65c —.. 1.25*

**SPRAY PUMPS**

**Catalogue Pages 61-62.**

- *Hudson No. 110, Perfection Galv. Compressed Air Sprayer... Each... 6.00*
- *Hudson No. 2996, Sunshine Portable Sprayer... Each... 13.75*
- *Hudson No. 2296, Perfect Portable Sprayer... Each... 12.50*
- *Red Star Roach and Ant Insecticide, qt., $2.00; gallon... 60c; 1 gallon can... 1.00*
- *Red Cross Rat and Mouse Embalmer, can, 15c; 25c... 1.00*
- *25c; 65c —.. 1.25*

**SPRAY MATERIAL AND INSECTICIDES**

**Catalogue Pages 59-59.**

- *Arsenate of Lead, case 12 4-lb. bags, 48 lbs... 8.75*
- *Arsenate of Lead, 100 lb. drum... 14.00*
- *Bordeaux Dry Powder, case 4-4 lb. pks., 32 lbs... 3.25*
- *Bordeaux Dry Powder, 25 lb. carton... 7.50*
- *Copper Sulphate Solution, 1 gallon can... 3.00*
- *Cuprous Oxide, 5 lb. pkg., $2.50; 10 lbs... 18.25*
- *Calcium Arsenate, 100 lb. drum... 7.50*
- *Closaphone, case 12-4 lb. pks., 48 lbs... 2.25*
- *Knock Out Fly Spray, 1 qt. can, 60c; 1 gallon can... 1.50*
- *Red Cross Rat and Mouse Embalmer, can, 15c; 25c... 1.00*
- *25c; 65c —.. 1.25*

**ALL PRICES ON THIS GREEN INK LIST ARE SUBJECT TO MARKET CHANGES AND ARE F.O.B. MEMPHIS, TENN., BUYER PAYING EXPRESS OR FREIGHT CHARGES.**

**NOMARAN WARRANTY. Russell-Heckle Seed Co. gives no warranty express or implied as to description, quality, productiveness of any seeds or plants they sell, and they will not be in any way responsible for the crop.**

**RUSSELL-HECKLE SEED CO.**

MEMPHIS, TENN.
With a most favorable season the past year, all crops have yielded bountifully. Therefore we must continue to grow crops both for our own consumption and for stock. Continue the good work—then better times will soon come. Raise what you eat—it will help to tide us over during these hard times. You can help to end the present condition by growing your food and feed crops.

If we can be of any service to our friends and customers on the growing of all farm crops, don't hesitate to call on us and we will gladly give you our experience of more than 50 years in the planting of all seeds in this territory.

We now take this opportunity of thanking our many customers for their patronage in the past. All prices the coming season will be most reasonably. Send us a list of your requirements, stating quantities you will want, and we'll be glad to make you our lowest prices. Assuring you of the right treatment at all times and soliciting your orders the coming year, which will have our personal attention, we remain

Yours truly,

RUSSELL-HECKLE SEED COMPANY
J. T. Russell
Chas. E. Heckle

**NON-WARRANTY**

Russell-Heckle Seed Company gives no warranty, express or implied, as to description, quality, productiveness of any seeds, plants, bulbs or nursery stock they send out, and they will not be in any way responsible for the crop.

**IN EXPLANATION**

Most of the failures with seeds, plants, bulbs, etc., are due to unfavorable weather or soil conditions, too deep or shallow planting, etc., all causes beyond our control; therefore it is impossible for us to guarantee success.

But you can take our seed home, examine them, test them, call in your neighbor or County Agent, and if you feel you have not gotten our money's worth, or our seeds are not as represented, return them at once, and we will cheerfully refund your money. Our customers are satisfied customers.

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**PRICES**

The prices we quote on vegetables and flower seeds will hold good as long as stocks last. The prices on all farm seeds, grain, etc., are those ruling January 10, 1932, and are subject to market changes. As far as stocks last. The prices on all farm seeds, grain, etc., are those as far as stocks last.
ASPARAGUS

CULTURE — Sow outdoors in February and March in 18-inch rows, dropping two seeds every 6 inches between them; spread the roots out well and cover with two inches of soil. After cultivation, gradually fill up the trench, eventually burying the crowns of the plants to a depth of 6 inches.

 dow the same way. The seed should be sown and cared for in the same way as cabbage or cauliflower.

BEANS — BUSH — LIMA

One quart will plant 200 feet of drill

ARTICHOKE

Large, Green Globe Bears large flower heads, which are prepared for eating the same as asparagus. Set in rows 4 feet apart and set plants 2 feet apart in the rows. The plants, when mulched, will live through the winter. Pkt. 10c; ¼ oz. 30c; oz. 50c; postpaid.

Market Gardener's Artichoke (Jerusalem) Excellent for fattening hogs. Plant in rows 4 feet wide, any time in March and April, dropping the tubers 18 inches apart in rows; immensely productive. Three bushes will plant an acre. Qt. 35c; 4 qts. $1.00; postpaid.

BRUSSELS SPROUTS

An erect-growing plant whose stalk is closely covered with light green buds resembling small cabbages, which should be cooked in the same manner as cabbage or cauliflower. Seed may be sown early in May; later the plants may be set about 2 feet apart and cultivated like cabbage. Pkt. 10c; oz. 25c; ½ lb. 75c; postpaid.
BUSH OR SNAP BEANS

CULTURE—These can be planted any time from April 1st to September 1st. Sow 3 inches apart in rows, and have the rows 2½ to 3 feet apart. One quart will sow 200 feet of row.

All of our Beans are carefully grown and will please the most critical market gardeners. It will also pay you to inoculate Beans with R.H. Co.'s inoculation and fertilize with sheep manure. Dust when in blossom with slug shot for beetles.

DWARF GREEN-PODDED VARIETIES

Black Valentine

Suit for both early and late planting. This variety is ready for table use in about 42 days from the time of planting. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

Bountiful

This is a variety that is exceedingly popular, especially with commercial truckers along the Gulf Coast. The pods are round, about five inches in length, and of large size; thick, broad, flat, extra long, very uniform in shape, solid, meaty and of high quality. The pods are absolutely stringless and are ready for table use in about 44 days after planting. Postpaid, ½ pt. 25c; pt. 35c; qt. 65c. Not prepaid, ½ pt. 20c; pt. 30c; qt. 55c.

Burpee's Stringless Green-Pod

This variety is a favorite with a large number of truckers and gardeners in the South, and is also grown for canning purposes. It is one of the finest green-podded bush beans in existence. The pods are medium green, five to six inches long, cylindrical, and are quite fleshly and remain crisp and tender for some time. This variety is very productive, and the pods are absolutely stringless. This variety is ready for picking in 46 days after planting. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Full Measure

A fine medium green, early stringless green-podded bean of splendid quality. The pods are round, fairly straight and meaty. This variety matures in approximately 47 days after planting. Postpaid, ½ pt. 20c; pt. 35c; qt. 65c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Improved Red Valentine

This is another variety that is planted largely by truckers and gardeners for shipment to Northern markets. The plants are of medium size with dark green leaves. The pods are of medium length, about five inches long, medium green color, curved, cylindrical and very crisp and tender. This variety is ready for picking in 44 days after planting. Postpaid, ½ pt. 25c; pt. 30c; qt. 55c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

Giant Stringless Green-Pod

This is a very desirable green-podded variety for the home gardener and also for truckers. The handsome round pods are six to seven inches long, dark green in color, brittle and perfectly stringless. It is one of the most productive sorts and can be picked in one-third the time of any other variety. This variety has achieved much popularity in Southern states, where it is grown on a large commercial scale for shipment to Northern markets. It is not quite as early as Burpee Stringless, as it is ready for picking in 44 days after planting. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

QUANTITY PRICES — For gallon, peck and bushel prices, see Green Ink List enclosed.

DWARF WAX-POD OR YELLOW VARIETIES

Currie's Rust-Proof Wax

Pods light yellow, similar in shape to Golden Wax. Five and one-half to six inches long. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Davis White Kidney Wax

This is a well known market sort, much used for canning. The pods are long, about six inches, sometimes longer. They are handsome, light yellow, straight, and when young are crisp and tender. The dry beans are excellent for baking. Seed medium large, kidney shaped. Postpaid, ½ pt. 25c; pt. 35c; qt. 65c. Not prepaid, ½ pt. 20c; pt. 30c; qt. 55c.

Improved Golden Wax

This is probably one of the most popular of the wax variety. Pods are from four to five inches long, very stout, straight, or slightly curved, and oval in form. Edible in about 42 days after planting. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

Pencil Pod Wax

Very early and productive, pods large and round, five to six inches long, strictly stringless, very brittle and of excellent quality. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Prolific Black Wax

The pods are round, about five inches long, fleshly, brittle and stringless. They are a deep yellow in color and very attractive. Ready for table use in about 43 days after planting. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

Sure Crop Wax

A recent introduction similar to Currie's Rust-Proof Wax in form and entirely stringless. Postpaid, ½ pt. 25c; pt. 35c; qt. 65c. Not prepaid, ½ pt. 20c; pt. 30c; qt. 55c.

Webber Wax

Of recent introduction, very early and productive. The plants are strong-growing and bear their pods well up from the ground, which are of a rich golden color, tender, brittle and absolutely stringless. Postpaid, ½ pt. 25c; pt. 35c; qt. 65c. Not prepaid, ½ pt. 20c; pt. 30c; qt. 55c.
POLE OR RUNNING BEANS

CULTURE—Plant in May and June in rows four feet each way; five in a hill. Pole beans can be planted as late as August 1st and they will bear a good crop. They can be planted in corn as well as with poles. One quart will plant about 200 hills. One peck will plant an acre.

Kentucky Wonder or Old Homestead It is almost needless to say anything about this great Pole Bean, for who has not grown it? It bears in 85 days from planting; should be kept picked, so that it will continue bearing until frost. The beans are 6 to 12 inches long, tender and rich. Postpaid, ½ pt. 20c; pt. 30c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 50c.

McCaslan Pole Bean Pods average 8 to 10 inches in length, are flat, slightly curved and of a rich green color. Makes an excellent snap bean, and the white-shelled beans are unsurpassed for winter use. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Red Speckled Cut Short Plant in corn or on poles. It is hardy, late and is a heavy yielder. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

R.-H. Co.'s Prizewinner Cornfield or Running Bean Here is what you have been looking for—a running and cornfield snap-bean that is very tender, cooks fine and if you wish, leave them to dry. The white beans cook soft and quickly; they are almost a meal by themselves; just the beans, maybe a little salt, and a little butter. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

POLE BUTTER AND LIMA BEANS

CULTURE—Plant in hills three to four feet apart each way, and two inches deep, allowing six seeds to each hill. When the plants are well established they should be thinned out to four.

Carolina or Siuva This very early and reliable small-seeded Pole Butter Bean is especially adapted for planting in the South. The pods are dark green, short, about three inches, curved flat. Seed small, flat, white with slight tinge of yellow. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Florida or Speckled Calico Butter The best variety for bearing early in the season. It will make an abundant crop when others fail. Seeds of the Carolina or Siuva Lima size, but are speckled white and brownish-red. A dependable, prolific, small-seeded lima that is well adapted for the South. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

King of the Garden Lima The vines of this standard pole lima are very vigorous and productive. The pods are medium dark green, very large, five to six inches long, broad, flat, filled with four or five very large white beans of finest quality. On account of its large pods it is a favorite with market gardeners. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Large White Lima R.-H. Co.'s Improved Butter A Southern grown small white-podded variety, a little larger than the Carolina or Siuva. A strong grower, very prolific and the only variety adapted for our Southern States. A profitable variety for market gardeners. Postpaid, ½ pt. 25c; pt. 35c; qt. 65c. Not prepaid, ½ pt. 20c; pt. 30c; qt. 50c.

BIG BARGAIN BEAN COLLECTION Only $1.20, Parcel Post Paid

Mailed to your address for only $1.20 FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
GARDEN BEETS

CULTURE—For very early crop, sow in hotbeds in January and February and transplant. Sow outside in drills from March to July, as desired, for medium or late crop. Drills two to three feet apart. Use a light, clean, free, deep soil. One ounce will sow 50 feet of drill.

Crosby’s Early Egyptian Beet
Improved strain of the famous Early Egyptian, but producing a deeper or thicker root; of fine form, extremely early, deep red color, almost black; flesh sweet, smooth, tender, and of exceptionally fine quality; can be depended on for best results when grown either in the garden or under glass; highly recommended as an early market variety. Pkt. 5c; oz. 10c; ½ lb. 20c; lb. 55c; postpaid.

Detroit Dark Red Beet
This splendid second early variety we highly recommend for market and private gardens. Roots globular, very smooth, with short tops; skin blood-red, flesh-dark blood-red, sweet, tender and delicious. The tops are small and upright in growth. Fine for market bunching. Pkt. 5c; oz. 10c; ½ lb. 25c; lb. 60c; postpaid.

Early Blood Turnip
Strictly a beet that will please you. A beet that has the approval of the most discriminating gardeners everywhere. The roots are medium sized, round, of dark-red color and fine flavor. Matures in about 45 days. Pkt. 5c; oz. 10c; ½ lb. 25c; lb. 60c; postpaid.

R.-H. Co.’s Early Wonder Beet
The first beet on the market where it will command fancy prices; most perfect in shape and a beautiful red color. Superior to Crosby’s Egyptian and one week earlier. R.-H. Co.’s Early Wonder Beet is the result of years of selection and the improving results, we believe, in the earliest and most handsome globe-shaped beet on the market. Pkt. 5c; oz. 10c; ½ lb. 30c; 1 lb. 60c; postpaid.

BIG BEET COLLECTION
One ounce packet of each

STOCK BEETS OR MANGELS

Edmand’s Early Blood Turnip
A handsome, clean, turnip-shaped Blood Beet. Skin and flesh are of a deep blood-red, sweet and tender in quality, and unsurpassed for solidity and keeping purposes. The roots grow regular and are of right marketable size. Tops are small, allowing them to be grown close together. Pkt. 5c; oz. 10c; ½ lb. 20c; 1 lb. 50c; postpaid.

Eclipse Blood Turnip
An early beet especially desirable for the home garden and used for bunching. The tops are small. The roots are bright deep red, smooth, round or slightly top-shaped, with a small tap and small collar. The flesh is bright red, zoned with pinkish-white, very sweet, crisp and tender. Pkt. 5c; oz. 10c; ½ lb. 20c; 1 lb. 50c; postpaid.

R.-H. Co.’s Ideal
A most desirable beet for the market and home garden, and on account of its uniformly deep rich color the most desirable for canning. The tops are small and upright in growth. The leaves are dark green, shaded with red. The roots are medium sized, globular or nearly round, very smooth and of dark blood-red color. The flesh is deep vermilion red, zoned with a lighter shade of the same color. The variety is very desirable for bunching. Pkt. 5c; oz. 15c; ½ lb. 30c; 1 lb. 75c; postpaid.

Long Smooth Blood
A standard variety, keeping well through the winter. The root is long, and skin smooth. Flesh very dark red, sweet and tender. The roots are thick-shouldered, grown largely under ground, are, when mature, about 2 inches in diameter and 10 inches long. They are ready for the table in about 60 days. Pkt. 5c; oz. 10c; ½ lb. 20c; 1 lb. 50c; postpaid.

Sugar Beets
Mangels make surer yield. Plant on any soil up to the crown. Mangels make excellent feed for stock of all kinds.

GOLDEN TANKARD MANGEL
Yields enormous crops; very rich in sugar; skin and flesh deep orange-yellow; oblong in shape. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 45c; postpaid.

MAMMOTH LONG RED MANGEL
Grows to an enormous size in deep, rich soil; is an excellent keeper. Various reports from our customers who have grown it show yields of 1,400 to 2,000 bushels per acre. Close-grained, tender flesh of rich flavor. Pkt. 5c; oz. 10c; ½ lb. 20c; 1 lb. 45c; postpaid.

GIANT HALF SUGAR MANGEL
Desirable for stock feeding, affording not only a very large crop much easier to harvest than other sorts, but also having higher nutritive value, being especially rich in sugar. Pkt. 5c; oz. 10c; ½ lb. 20c; 1 lb. 45c; postpaid.

FACTS ABOUT MANGELS
They make fine feed for cattle and hogs; they increase the milk flow of dairy cows, and also good for poultry. They yield larger crops than Rutabagas, make surer yield. Plant on any deep, rich soil. The results will surprise you.
CABBAGE

CULTURE—Cabbage is a very gross feeder, and well repays heavy manuring and high culture. It succeeds best on well-drained soil. The plants are started in frame or seed bed, and afterwards transplanted. Seed for early cabbages may be started in autumn in a cold frame, or in early spring in a hotbed. For main crop, summer and autumn cabbages, the seed should be sown in a rich border in the open air, in May or June. Sow shallow; a packet will produce about 250 plants; an ounce 2,000 plants; 1/2 pound for an acre. Set plants 1/2 to 3 feet apart.

Successful Cabbage Planting:
- For Quantity Prices: See Green Ink Price List Enclosed

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
CARROTS

Danver’s Half Long

Rich, light orange color. The flesh is light orange. The roots are produced entirely under ground. A productive and nutritious stock-feeding carrot. Pkt. 5c; oz. 10c; 1/2 lb. 25c; 1 lb. 75c; postpaid.

Early Scarlet Horn

A short, chunky, early variety as thick through as it is long. Especially adapted for hard, stiff soil where longer varieties would not thrive. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. 75c; postpaid.

Half-Long Scarlet or Chantenay

One of the best for home or market. Pkt. 5c; oz. 15c; 1/2 lb. 30c; 1 lb. 75c; postpaid.

Improved Long Orange

Deep orange. Pkt. 5c; oz. 15c; 1/2 lb. 30c; 1 lb. 75c; postpaid.

Oxheart

A short, early variety as thick through as it is long. Especially adapted for hard, stiff soil where longer varieties would not thrive. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. 70c; postpaid.

R.-H. Co.’s Coreless

This variety is especially recommended for market gardeners. One of the tenderest and finest table carrots, very sweet and juicy. See page 18 for further description. Pkt. 15c; oz. 40c; 1 lb. 1.25; postpaid.

Yellow Belgian

Similar to White Belgian, but of a pale orange color. The flesh is light orange. The roots are produced entirely under ground. A productive and nutritious stock-feeding carrot. Pkt. 5c; oz. 10c; 1/2 lb. 25c; 1 lb. 60c; postpaid.

CELERY

CULTURE—Sow in beds in February or March and keep well watered. Transplant to moist, mucky soil; six inches apart in 12-inch rows. Earth up two or three times. Cover with straw from severe weather, with boards on top. One ounce of seed produces 2,000 plants.

Giant Pascal

Bleaches very quickly after earthing up and is a beautiful yellowish-white color; very solid and crisp, and of a sweet flavor. Pkt. 5c; oz. 25c; 1/2 lb. 70c; 1 lb. 2.25; postpaid.

Golden Plume or Wonderful

The plants are semi-dwarf, stocky and vigorous growing with very full heart which bleaches quickly to a rich golden yellow color. Of very attractive appearance, superior quality and fine nutty flavor. Recommended as a very profitable variety for either the home or dis- tant markets and also for the home garden. Pkt. 5c; oz. 35c; 1/2 lb. 75c; 1 lb. $2.50; postpaid.

Golden Self-Blanching

Early, large, crisp, solid, good flavor. Pkt. 5c; oz. 25c; 1/2 lb. 75c; 1 lb. $2.50; postpaid.

Henderson’s White Plume

One of the best for early use; good quality; blanches easily. Pkt. 5c; oz. 25c; 1/2 lb. 75c; 1 lb. $2.25; postpaid.

CELERIES

CAULIFLOWER

CULTURE—Cultivate like cabbage. Sow in January or February for early crop; May or June for late. Transplant to rich, moist soil; manure heavily and water freely. When heading begins, fasten leaves over top of head to whiten. One ounce of seed makes 2,000 plants.

CORN SALAD OR FETTICUS

One ounce will sow about 18 square feet. Sow in Spring or summer. Use same methods as for Cabbage; either sow in seed beds or in the row where desired to stand. If sown in rows, thin out as desired.

Georgia White Cabbage

Called Cabbage Collard, on account of its close, bunching growth. Pkt. 5c; oz. 10c; 1/2 lb. 25c; 1 lb. 75c; postpaid.

North Carolina Buncombe

Large spreading leaves; very hardy; good flavor. Pkt. 5c; oz. 10c; 1/2 lb. 30c; 1 lb. 75c; postpaid.

Southern, or Georgia

This variety is the old-time variety, and is by far the best; stands most any conditions, being very hardy. Pkt. 5c; oz. 10c; 1/2 lb. 25c; 1 lb. 70c; postpaid.

CHICORY

Sow in April and transplant in trenches 1 foot deep. Valuable as a salad as well as a vegetable.

Magdeburg

Used for the roots. Cut in slices and dried makes substitute for coffee. Pkt. 10c; oz. 25c; 1/2 lb. 60c; postpaid.

Witloof

Used for the top. Also called French Endive. Pkt. 10c; oz. 35c; 1/2 lb. 85c; postpaid.

Chives

A hardy perennial. Sow seed in March or April, thinly in 2-foot rows. Grows quickly, but will not give much of a cutting until the second year. Chives are commonly called Schnittlauch, are used for seasoning and with cottage cheese. Pkt. 10c; oz. 60c.

CORN SALAD OR FETTICUS

One ounce will sow about 18 square feet. Sow in September or October. Large, round-leaved. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. $1.25; postpaid.

Cress, or Pepper Grass

One ounce will sow about 15 square feet. Pkt. 5c; oz. 15c; 1 lb. $1.00; postpaid.

BUG KILLERS

Refer to pages 58 and 59 for prices on all kinds of Insecticides and Bug Killers.
GARDEN AND SWEET CORN

CULTURE—For early market, plant the garden varieties latter part of March. Sugar Corn should not be planted until April, then at intervals of two weeks for a succession. Sugar and Garden Corns planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre. Treat seeds with Semesan, Jr.

### Borden's Wonder Bantam Sweet Corn
A selection from Golden Bantam, being larger and superior in every way. Postpaid, ½ pt. 20c; pt. 30c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

### Country Gentleman
Small cob; long, slender, white grains, which are very sweet. Postpaid, ½ pt. 20c; pt. 30c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

### Early Large Adams
About a week later than Early Elites; has larger ears. Postpaid, ½ pt. 15c; pt. 25c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

### Extra Early Adams
Not a Sugar Corn, but is grown for early use. Ears short. Postpaid, ½ pt. 15c; pt. 25c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

### Improved Adams
A fine variety, slightly larger than Early Adams. One week later. Postpaid, ½ pt. 15c; pt. 25c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

### Early Snow Flake
Large size, very early; a fine corn for early roasting ears: also makes an excellent field variety, as it matures in 80 to 85 days. Postpaid, ½ pt. 15c; pt. 25c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

### Elam's Early Market
This corn is positively one of the earliest of the very large-eared Garden Corns; ears measure 10 to 12 inches. It matures in about 65 days. Sugar and Garden Corns planted in July will mature late roasting ears. Plant 4 to 8 quarts to the acre.

### GARDEN CORN COLLECTION

<table>
<thead>
<tr>
<th>Item</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pint Whippell's Early Yellow</td>
<td>$0.35</td>
</tr>
<tr>
<td>1 pint R.-H. Co.'s Early Surprise</td>
<td>$0.35</td>
</tr>
<tr>
<td>1 pint Country Gentleman</td>
<td>$0.30</td>
</tr>
<tr>
<td>1 pint Stowell's Evergreen</td>
<td>$0.35</td>
</tr>
<tr>
<td>1 pint Mammoth Sugar</td>
<td>$0.30</td>
</tr>
</tbody>
</table>

Total—Regular value... $1.50

Specially priced for $1.00, Parcel Post Paid

R.-H. Co.'s Early Surprise

A splendid corn, coming in directly after Adams Early, but much larger. Has a white, soft grain. Postpaid, ½ pt. 15c; pt. 25c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

### Golden Bantam
Extra early, sweet, tender and delicious. The stalks grow to a height of four feet, and can be planted close together in the row. They bear two or three good small ears to the stalk. Postpaid, ½ pt. 20c; pt. 30c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

### Golden Sunshine
Also an early variety of the Golden Bantam type, growing from 5 to 5½ feet high and producing ears 7 to 8 inches long, with sweet, luscious yellow grains; matures 3 to 4 days later than Golden Bantam. Postpaid, ½ pt. 20c; pt. 30c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

### Howling Moh
One of the finest second early, large-eared sorts; ears 9 to 10 inches long. Postpaid, ½ pt. 20c; pt. 30c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

### Mammoth Sugar
The Mammoth ears are thick, with many rows of large grains of excellent quality. Postpaid, ½ pt. 20c; pt. 30c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

### Whippell's Early Yellow
An extra early yellow Sugar Corn. Larger and earlier than Golden Bantam. stalks grow 5 to 6 feet, and many produce two large ears. Kernels bright yellow, tender, sweet and fine quality. Whippell's Early Yellow Sugar Corn is ready for the table in about seven weeks. Postpaid, ½ pt. 25c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 20c; pt. 30c; qt. 50c.

Stowell's Evergreen
The standard and best known Sweet Corn. Ears 8 to 9 inches long, 16 to 18-rowed, with deep, sweet grain. Postpaid, ½ pt. 20c; pt. 30c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 40c.

Trucker's Favorite
For a second early corn to follow Adams Early, or for late planting to mature early, this is a good sort. Postpaid, ½ pt. 15c; pt. 25c; qt. 45c. Not prepaid, ½ pt. 10c; pt. 20c; qt. 35c.

R.-H. Co.'s POPCORN

AUSTRALIAN DYNAMITE POPCORN—A new variety, seed considerably larger than other sorts, but oh, my! how it does pop. A dozen grains when popped will fill a teacup; one grain popped is as large as a quarter of a dollar, and it's also of fine eating quality. Pkt. 10c; ½ lb. 25c; 1 lb. 40c; postpaid. Not prepaid, ½ lb. 20c; 1 lb. 30c.

JAPANESE RICE—Also called Little Buster. Popcorn qualities unexcelled; quality corn and tender. Pkt. 10c; ½ lb. 25c; 1 lb. 35c; postpaid. Not prepaid, ½ lb. 15c; 1 lb. 25c.

QUEEN'S GOLDEN—A beautiful golden color; pops large, very crisp. Pkt. 10c; ½ lb. 20c; 1 lb. 35c; postpaid. Not prepaid, ½ lb. 15c; 1 lb. 25c.

Treat Garden Corn With Seme san Jr.
Permits earlier planting, gives better germination, better stands, therefore larger yields.

Apply dry to the seed; no special equipment is needed for this new seed treatment. Costs less than 7c an acre, guaranteed; increases the yield from 10 to 12 per cent. If it doesn't your money will be refunded.

Four-ounce pkg. 50c; 1 lb. pkg. $1.75; 5 lbs. $8.00; not mailable.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
CUCUMBERS

CULTURE—For very early crop, plant in hotbeds; for later crop, plant from April to July in rich, well-manured hills, 4 feet apart, 10 seeds in hill; thin to two or three plants. One ounce to 50 hills.

Improved Early White Spine An improved strain of the white spine; good for forcing or outdoors. One of the best sorts for table use. The flesh is crisp and tender. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00; postpaid.

Chicago Pickling Fine for market gardeners. Medium length, pointed at each end; has large spines, deep green, very prolific. Good for pickling. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00; postpaid.

Davis Perfect Possesses all the merits of the best slicing varieties. Their handsome shape and fine dark green color command the highest price of the market. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.15; postpaid.

Early Fortune One of the best selections of the white spine type; is becoming very popular among the market men of the South. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00; postpaid.

Early Green Cluster A very popular early cucumber, produced in great abundance. Fruit averages from 8 to 10 inches long and is of the finest quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00; postpaid.

Evergreen White Spine An extra early, white spine strain, producing very uniform fruit in great abundance. Fruit averages from 8 to 10 inches long and is of the finest quality. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.00; postpaid.

Everbearing This variety is of small size; very early, extremely productive, and valuable as a green pickle. Its peculiar merit, however, is the vines continue to flower and produce fruit until killed by frost. Pkt. 5c; oz. 15c; ¼ lb. 35c; 1 lb. $1.25; postpaid.

A PREMIUM ON YOUR ORDER

With every cash order to the value of $6.00 or more, at catalogue prices only, we will send you FREE 1 pair EEZY WEAR GLOVES, retail value 75c. These gloves are fine for garden work or spraying insecticides.

Improved Long Green A fine bearer of superior quality. The fruits are very long and of beautiful dark green color. Fine for slicing and pickles. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. $1.15; postpaid.

Gherkin or Burr Used only for pickling. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

Stay Green A special strain for market gardeners, introduced by Simon & Son. An extra fine shipper; small and dark green. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25.

The Vaughan This is the largest of the white spine types, suitable for outdoor growing. To get best results it should be grown in rich soil or well-fertilized soil. When grown under these conditions it is reasonably prolific. It is a magnificent cucumber, about 15 inches long, of nice dark green color and nice shape. Pkt. 10c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

SPECIAL DISCOUNTS on Garden or Flower Seeds

Select any 6, 5c packets for 25c
Select any 3, 10c packets for 25c
Select any 13, 5c packets for 50c
Select any 7, 10c packets for 50c

WE PAY POSTAGE

DANDELION

One ounce will sow 100 feet of row

Use a clean, warm, rich soil. Sow in early spring in rows 18 inches apart, covering firmly with ¼ inch of fine soil. When plants are well developed, thin or transplant to 10 or 12 inches apart. Leaves will be cut to the following spring. Leaves are gathered when blanched. This process removes to some extent the bitter taste without impairing the qualities which make them valuable greens. Blanching may be done by covering with leaves or loose litter, or by hoarding them over. The leaves are used as salad or as boiled greens, the roots as a substitute for coffee. Pkt. 10c; oz. 35c.

Insect Remedies Two pounds arsenate of lead mixed with 50 pounds Bordeaux mixture kills insects and prevents disease. One pound arsenate of lead mixed with 20 pounds lime kills the striped cucumber bug. Apply as soon as the plants appear.

DILL

Dill Mammoth An annual of aromatic odor and warm pungent taste. Its seeds are used for seasoning. It possesses medicinal properties, but its largest use is for making Dill Pickles. Plant branching, 2 to 3 feet high; leaves very much cut into thread-like segments. Pkt. 10c; oz. 15c; ½ lb. 35c; 1 lb. $1.00.

ROSES — SHRUBS — TREES

will be shipped separately from seeds and other merchandise you order. All plants are shipped to you direct from our growers, so if these do not come with seeds you order, the plants will come later.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
EGG PLANT

CULTURE — Sow in February or March. When 2 inches high transplant in May to 3-foot rows in deep, rich loam. One ounce of seed will produce 1,000 plants.

**Black Beauty**
This is the earliest and best of all large-fruited Eggplants. Fruits are thick and of the most attractive form. The skin is a rich, lustrous purplish-black. Pkt. 5c; oz. 40c; ½ lb. $1.25; 1 lb. $4.25; postpaid.

**Florida High Bush**
Stands heat well; the fruit is round, smooth and very large; color bright purple. Pkt. 5c; oz. 50c; ½ lb. $1.25; 1 lb. $4.25; postpaid.

**New York Improved Purple**
The old standard variety. Pkt. 5c; oz. 40c; ½ lb. $1.25; 1 lb. $4.25; postpaid.

ENDIVE

CULTURE — One ounce will sow 200 feet of drill. Sow about the middle of April, and for succession in June and July, 1 foot apart. When nearly full grown, and before they are fit for the table, they should be blanched by tying the leaves loosely together.

**Large Green Curled**
The hardest variety; beautifully curled. Pkt. 5c; oz. 20c; ½ lb. 40c; 1 lb. $1.25; postpaid.

**Broad-Leaved Batavian**
(ESORELLE) — Leaves long and broad, thick and succulent. One of the choicest salads. Pkt. 5c; oz. 20c; ½ lb. 50c; 1 lb. $1.50; postpaid.

**KOHLE-RABE**
Combines the flavors of the cabbage and turnip and makes a splendid dish if used when 2 to 3 inches thick. Sow in drills as early as the ground can be worked, thinning out to stand 5 to 6 inches in the row. For a succession, sow every two weeks till end of April. For fall use, plant in August or early September.

**Early White Vienna**
This is the best and earliest variety for table use. Pkt. 5c; oz. 25c; ½ lb. 75c; 1 lb. $2.25; postpaid.

LEEK

CULTURE — Superior to onions for soup flavoring, etc. Sow early in the spring in a light, rich, moist soil in drills half an inch deep. When 6 or 8 inches high, trim off the tops and roots and transplant 4 to 6 inches apart in 1-foot rows, setting the plants in the ground up to their center leaves, and earth up to blanch the necks. Sowings should also be made in September, and transplanted outside in the fall or early spring. One ounce will sow about 100 feet of drill.

**Large London Flag**
Hardy, productive and of the best quality. Pkt. 5c; oz. 20c; ½ lb. 60c; 1 lb. $1.50; postpaid.

GOURDS

Plant in April, as soon as ground is warm. Prices postpaid.

**Dipper Gourd**
Packet 5c; oz. 20c

**Dish Rag Gourd**
Packet 5c; oz. 25c

**Nest Egg Gourd**
Packet 5c; oz. 20c

FOR BEETLES ON EGG PLANTS — USE

**BUG DEATH**
1 lb. 25c; 5 lbs. $1.00. By mail, 1 lb. 30c; 5 lbs. $1.20.
LETTUCE AND JAPANESE MUSTARD-SPINACH

LETTUCE

CULTURE—One ounce will produce 3,000 plants. For early use sow under glass in January or early February, and transplant as soon as the ground can be nicely worked. Sowing may be made in the open ground from April to middle of August, every 2 or 3 weeks for succession.

Big Boston A very popular variety for market gardeners. Our strain is very hardy, sure to head and produces solid heads of large size, often 10 to 12 inches across, which are slow to go to seed. The leaves are thin, hard and crisp, comparatively smooth but wavy at the edges, and are of bright light green color, slightly tinged with reddish-brown. The inner heads blanches to an attractive greenish-white. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. $1.25; postpaid.

Black-Seeded Simpson One of the best, either for forcing under glass or for open ground culture. It forms open heads of dark green, loose leaves of light green color, very tender, crisp and of fine quality. A fine sort for summer, as it withstands the heat; also for home garden. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

California Cream Butter Dark green, round, thick leaves forming a very solid round head which stands a long time without running to seed. Outer leaves spotted brown, inner ones blanched to a rich yellow. Exceedingly rich, better, sweet and nutty in flavor. Pkt. 5c; oz. 25c; ¼ lb. 50c; 1 lb. $1.15; postpaid.

Mignonette Small, solid heading; never fails. The flavor is fine and the leaves crisp. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. $1.50; postpaid.

Prizehead Very popular, large, loose-heading sort. Leaves finely crumpled and fringed, outer ones shaded brown; very crisp, sweet and tender. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

New York or Wonderful Lettuce

New York or Wonderful A grand Head Lettuce sometimes called California and Los Angeles; furnishes fine, crisp lettuce during the hot summer months. This is one of the largest varieties grown, producing heads more than 15 inches in diameter and weighing more than 2 pounds each. The outer color is rich dark green, but the heart blanches beautifully and is crisp, tender and delicious. Pkt. 5c; oz. 25c; ¼ lb. 60c; 1 lb. $1.50; postpaid.

Large White Cabbage

Large White Cabbage Forms a compact head; has no core, but a tender, golden heart. As a shipper, it is unexcelled, commands the very best prices; demand always exceeds the supply. It resists the cold, withstands the summer heat, always has a crisp, mild flavor, when open it becomes a table ornament. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

Chicken Lettuce Here is a genuine Lettuce which will yield as much or more chicken or rabbit feed as any "greens" plant. When once cut, it starts to grow again. The leaves can be pulled off each stem like a kale. Chicken Lettuce does not make a head, but sends up a stout stalk three or four feet high, just loaded with leaves. Pkt. 5c; oz. 20c; ¼ lb. 50c; 1 lb. $1.40; postpaid.

Cos or Romaine Forms large light green, well-folded heads of upright growth and popular for its crispness and mild flavor. Pkt. 5c; oz. 20c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

Improved Hanson Globe shaped, large, well formed, firm head of broad leaves so compact that the inner ones are blanched almost white. For mid-summer planting outdoors, this sort is exceedingly popular, for it has superior qualities for resisting drought and heat. Pkt. 5c; oz. 15c; ¼ lb. 40c; 1 lb. $1.25; postpaid.

White Boston An improvement on Big Boston, having lighter green leaves with equally large solid head; the inner leaves blanch snow white and are crisp and tender. Pkt. 5c; oz. 25c; ¼ lb. 45c; 1 lb. $1.25; postpaid.

JAPANESE MUSTARD-SPINACH

Also known as Evergreen, etc. This delicious new vegetable green is a combination of mustard and spinach, having the flavor of mustard, turnip, kale and spinach. Japanese Mustard-Spinach has been thoroughly tested out and in our opinion it will prove a splendid acquisition to the family garden. Plant in the spring or fall; sow thickly in three-foot rows at the rate of 5 to 6 pounds of seed to the acre. Japanese Mustard-Spinach is ready for the market in 22 to 24 days after planting. It is very easily grown; no real experience is necessary in sowing or marketing this new green. It's just good greens that anyone can grow and know you will like it. Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 50c; 1 lb. 90c; postpaid.

LETTUCE PLANTS—Varieties: Big Boston and New York or Wonderful. Ready about March 1st. Postpaid, 50, 25c; 100, 45c. Not prepaid, 50, 20c; 100, 30c; 1,000, $2.25.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
RUSSELL-HECKLE SEED COMPANY

R-H.C.'s SOUTHERN GROWN WATERMELONS

CULTURE—One ounce to forty hills; 3 or 4 pounds to the acre. Drop seed in well manured hills 6 to 8 feet apart, 6 to 10 seeds, one inch deep, and thin to three best plants. Generally about the middle of April is the proper time to plant melons in this section.

New Wonder Watermelon

A variety which has become one of the favorites. No watermelon has received more praise in the short time of its existence, and justly so, for it is one of the finest flavored melons raised. It is also very productive, grows great quantities of big, fine, dark glossy green melons, fully as good eating quality as any melon. The rind is rather thin but reasonably tough to insure good carrying for short hauls, and any market that receives this melon will sell to good advantage. Grows long and thick, seeds white, flesh red and juicy sweet. We can unreservedly recommend this melon for the market gardeners and large truckers. It will please and satisfy those who like good melons. Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1 lb. $1.00; postpaid.

Special New Wonder

This is an extra fine strain of this phenomenal watermelon which we have selected for our customers who want the very best melon to be had. All seed carefully selected from the finest and largest melons of this well liked variety. Melons from this selection will command a premium. Pkt. 10c; oz. 25c; 1/4 lb. 85c; 1 lb. $1.75; postpaid.

R-H. Co.'s Big Boy Watermelon

In size, the biggest that grows. Melons average 60 pounds. Some weigh 100 pounds. Oval in shape, dark mottled-green rind with dark red flesh that is very sweet. Pkt. 10c; oz. 20c; 1/4 lb. 60c; 1 lb. $2.00; postpaid.

Special R.-H. Co.'s Big Boy

A selected stock of this extra fine melon that makes the Big Boy still more desirable. All seed of this strain from the largest and choicest melons. Give it a trial and you will be well repaid for the slight extra cost of the seed stock. Pkt. 15c; oz. 30c; 1/4 lb. $1.00; 1 lb. $2.75; postpaid.

Germaco Hotkaps

New Method of Plant Protection

These will allow you to plant watermelons early. Hot Kaps are miniature greenhouses. Try them and get melons for the early market. Plant your hills in the usual way, cover with a Hot Kap, which protects the plant from cold. Price per 100, $2.50; by mail, $2.75.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
R. H. Co.'s SOUTHERN GROWN WATERMELONS

Kleckley Sweet

Immensely popular because of its superb flavor and surpassing crispness; is not recommended for shipping, but for nearby markets and for home consumption it has no superior. This melon has a rich, mellow taste that has made it one of the greatest watermelons for table use. It is not overly large, but is medium in size, oval shaped, with an average length of about 18 to 20 inches. It is mottled green on the outside, with the flesh a bright red and of extremely fine quality. The seeds of this melon are white and grow close to the rind, outside of the big, bright scarlet heart. Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1 lb. $1.00; postpaid.

Special Kleckley Sweet

This is an extra selected stock of this splendid, well-known and popular melon. Seed is saved only from specimen melons as nearly uniform as possible. Pkt. 10c; oz. 25c; 1/4 lb. 50c; 1 lb. $1.50; postpaid.

Red Seeded Citron

Very productive; rich quality; makes servers of unsurpassed flavor. Superior to the next in transparency, citron in quality. Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. $1.25; postpaid.

Schlochler

A Southern melon of recent introduction; grows to very large size; one of the biggest melons. They will average 40 pounds each. The fruit is very dark green with an indistinct stripe and is very uniform in shape. Flesh bright red, sweet and crisp. The grower claims the Schlochler melon will stand more drought than any other melon and is a sure producer. Pkt. 5c; oz. 20c; 1/4 lb. 50c; 1 lb. $1.50; postpaid.

Special Schlochler

A selected stock of this excellent variety. The seed is taken only from the most uniform and largest specimen fruits. Special care is used in making this stock of Schlochler very superior. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1 lb. $2.25; postpaid.

Ribault

Is long and thick in shape, measuring 24 to 30 inches long by 16 to 20 inches in diameter. The rind is dark green, indistinctly striped with mingled lighter green. The young melons will show stripes, but as they develop and ripen the stripes fade away, leaving a dark glossy green color. The rind is medium thick and will stand rough usage during shipping; under ordinary handling the rind will not break. The meat is red and sweet and free from hard centers. It grows remarkably large, and is very prolific; not unusual to grow 600 melons per acre, weighing 40 pounds each. This new watermelon will make increased profits for the grower and at the same time meet with favor with the ordinary preserving melons. Each will make no mistake to plant this remarkable watermelon. Pkt. 10c; oz. 15c; 1/4 lb. 50c; 1 lb. $1.25; postpaid.

Tom Watson

The most popular shipping melon grown. The Kleckley's Sweet, but larger and has a tougher rind, giving it exception to the shipping qualities. The flesh is rich red, solid, sweet and fleshy, and ripens close up to the rind. Although a shipping melon, its fine quality commends it to the home gardener. Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1 lb. 50c; postpaid.

Special Tom Watson

These are from our grower, who has selected only the choicest and largest melons. If you want something extra good, try this special strain. Pkt. 10c; oz. 25c; 1/4 lb. 50c; 1 lb. $1.50; postpaid.

Halbert Honey

Halbert Honey is one of the sweetest of all watermelons. The fruits are of handsome appearance and regular in form. They are long, measuring 18 to 20 inches in length, and from 8 to 10 inches in diameter. The color of the skin is a deep green, showing fine veins. The melons weigh about 35 pounds each. The flesh is a beautiful crimson color and the rind is very thin. Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1 lb. $1.00; postpaid.

Special Halbert Honey

This seed is saved by our special selection for size, type and purity. Nothing is left undone to make this special strain of Halbert Honey better in every way, as you know like produces like. Pkt. 10c; oz. 25c; 1/4 lb. 50c; 1 lb. $1.50; postpaid.

Thurmond Grey Watermelon

A remarkable new delicious melon, a big money-maker and supreme satisfaction to all who grow it. The flesh is bright sparkling red, the flavor is deliciously sweet and satisfying. Pkt. 5c; oz. 15c; 1/4 lb. 35c; 1 lb. 85c; postpaid.

Stone Mountain

Is very popular in the South. It is one of the best around the round melons, and has attained the leadership among these sorts. It is very sweet, grows large and is almost round in shape. The picture above is a fair representative of the fruit. The rind is mottled dark green, medium card, the flesh is red. Under normal conditions this variety will produce melons weighing over 50 pounds, and will command highest price on any market where quality is first consideration. Every melon grower should give this variety a try-out, whether you like a round melon or not; when you have tasted the delicious flavor and sweetness of the melon, you will forget the shape; the real value of the melon is on the inside. It is very prolific and has very few seeds, which are white with black border. Pkt. 5c; oz. 15c; 1/4 lb. 40c; 1 lb. $1.25; postpaid.

Special Stone Mountain

A selected stock of this most excellent melon, that will make still better and larger melons. All seed is saved from only the most perfect specimens, and you know what that means. Why not grow some real Stone Mountains? Order some of this special stock. Pkt. 10c; oz. 25c; 1/4 lb. 75c; 1 lb. $2.25; postpaid.

Top Notch Watermelon Collection

<table>
<thead>
<tr>
<th>Seed Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 pkt. Special R.-H. Co.'s Big Boy</td>
<td>$0.15</td>
</tr>
<tr>
<td>1 pkt. Special Halbert Honey</td>
<td>$0.10</td>
</tr>
<tr>
<td>1 pkt. Special Kleckley's Sweet</td>
<td>$0.10</td>
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<tr>
<td>1 pkt. Special Irish Grey</td>
<td>$0.10</td>
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<tr>
<td>1 pkt. Special Schlochler</td>
<td>$0.10</td>
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<tr>
<td>1 pkt. Special Stone Mountain</td>
<td>$0.10</td>
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<tr>
<td>1 pkt. Special Georgia Rattlesnake</td>
<td>$0.10</td>
</tr>
<tr>
<td>1 pkt. Special New Wonder</td>
<td>$0.10</td>
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</tbody>
</table>

Retail is $0.85

Specially offered for 60c Postpaid

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
**Lake Champlain Cantaloupe**

The flesh is a rich golden color, free from stringiness, fine-grained, melting, juicy, sweet delicious flavor clear to the rind. Pkt. 5c; oz. 15c; ½ lb. 45c; 1 lb. $1.35; postpaid.

**Acme, or Baltimore**

One of the best of cantaloupes for main crop. The flesh is thick, of a beautiful deep rich green. Pkt. 5c; oz. 15c; ½ lb. 35c; 1 lb. $1.00; postpaid.

**Banana**

Long shaped like a banana; has a most delicious flavor. Pkt. 5c; oz. 15c; ½ lb. 40c; 1 lb. $1.25; postpaid.

**California Beauty**

Here is the melon to grow for market. Several Arkansas truckers have held the Memphis market on this excellent variety. It surpasses all others. We do not know of a better cantaloupe than California Beauty. A medium large, pink flesh melon, with excellent eating qualities. The meat is thick, deep salmon in color, very sweet and tender, shape is slightly oval with heavy netting. Our stock of California Beauty Cantaloupe is genuine, being raised for us in this section, and you can depend on getting a cantaloupe that will make you some money. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.50; postpaid.

**Honey Ball**

A little larger than Rocky Ford, is as round as a ball, has thick green flesh. Honey Ball is quite early, enormously productive, and has a flavor and sweetness which will add greatly to its popularity. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $1.75; postpaid.

**Honey Dew**

A splendid variety; rind dull white when ripe. The flesh is a rich green, very sweet and delicious flavor. Pkt. 5c; oz. 15c; ½ lb. 40c; 1 lb. $1.25; postpaid.

**Mammoth Rocky Ford**

The general type of this melon is similar to the regular Rocky Ford, but they grow somewhat larger in size, making it a splendid variety for market. Pkt. 5c; oz. 15c; ½ lb. 35c; 1 lb. $1.15; postpaid.

**Hale's Best**

Produces melons of uniform standard size, 90 per cent of which are completely covered with a beautiful gray, lace-like netting which, with the small seed cavity, are the most essential points in carrying and keeping qualities of the cantaloupe. The flesh is green, tinged with a delicate salmon-pink around the seed cavity, which is the smallest of any strain of Rocky Ford. The flesh is firm but not tough or stringy, and has a sweet, luscious, melting and superb flavor. Pkt. 5c; oz. 15c; ½ lb. 35c; 1 lb. $1.00; postpaid.

**Hearts of Gold**

Medium size, round, heavily netted; flesh appearance and of the sweetest flavor. Average size of melon 6 to 8 inches in diameter. Matures in 75 days. Pkt. 5c; oz. 15c; ½ lb. 35c; 1 lb. $1.00; postpaid.

**Osage, or Miller's Cream**

A medium to large-sized, salmon fleshed melon of excellent quality. The fruits are oval, dark green in color, slightly ribbed and partly covered with shallow gray netting. The flesh is salmon-colored, fine-grained and highly flavored. Pkt. 5c; oz. 15c; ½ lb. 40c; 1 lb. $1.25; postpaid.

**Pink Meat Rocky Ford**

This is an early melon of the solid netted type that is so desirable. Very small seed cavity, with thick, luscious flesh of genuine salmon tint. Pkt. 5c; oz. 15c; ½ lb. 35c; 1 lb. $1.00; postpaid.

**Rocky Ford**

One of the most popular. Flesh is green, thick and lusciously sweet. It is netted and ribbed and ripens early. Pkt. 5c; oz. 15c; ½ lb. 35c; 1 lb. 98c; postpaid.

**Superfecto Cantaloupe**

This new melon of the Rocky Ford type is the sweetest and most luscious of the salmon flesh varieties. It has deep yellow flesh which is soft and exceedingly sweet. Don't fail to plant this new variety. Pkt. 5c; oz. 15c; ½ lb. 45c; 1 lb. $1.35; postpaid.

**Tip Top**

Nearly round, deeply ribbed, moderately netted; flesh is bright salmon, thick and sweet. Pkt. 5c; oz. 15c; ½ lb. 40c; 1 lb. $1.15; postpaid.

**MELON PESTS**

When planting cantaloupes and cucumbers, put in between the hills Yell. Sum. Crookneck Squash. The insects prefer the squash to the melon. Make two plantings of the squash, so the blossoms and young fruits attract the butterfly that lays the eggs, and the worm will destroy the squash crop, leaving the melons and cucumbers un molested. Eurn the squash plants while the worm is doing the damage.

Spray Cantaloupes and Cucumbers—use Shep's or Evergreen Spray to keep down Harlequin bugs, aphis and other pests.
FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
**PARSLEY - PARSNIP - PEPPER**

**PARSLEY**

**CULTURE**—Soak seed in water for a few hours and sow in rich soil early in spring in rows a foot apart and cover lightly. Parsley is slow to germinate and is sometimes 3 or 4 weeks in coming up. One ounce will sow 150 feet of drill. Sow in March and April, also in September.

**Champion Moss Curled**
Densely crimped and curled. Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1 lb. 85c; postpaid.

**Double Curled**
A standard variety having deeply cut and beautifully curled leaves. Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1 lb. 85c; postpaid.

**Plain, or Single**
Leaves are flat, deeply cut, and dark green. Pkt. 5c; oz. 10c; 1/4 lb. 30c; 1 lb. $1.00; postpaid.

**PARSNIPS**

**CULTURE**—Sow the seed in early spring, three-fourths of an inch deep, in rows 12 to 18 inches apart and when 3 inches high thin to 6 inches apart in the row. One ounce of seed for 100 feet of row; 5 pounds of seed required for an acre.

**California Wonder**
A giant-podded sweet Pepper, maturing very early, similar in shape to Bull Nose, but much larger and flesh thicker, deep green when young and a rich red when ripe; flavor mild. One of the best sorts for salad and large mangoes. Pkt. 10c; oz. 50c; 1/4 lb. $1.10; 1 lb. $4.00; postpaid.

**World Beater**
Said to be a cross between Ruby King and Chinese Giant. The shape is like Ruby King, only the blossom end is broader, and the size nearly equal to Chinese Giant. Vigorous grower and very prolific. The fruit is a beautiful scarlet in color and exceedingly mild. Pkt. 5c; oz. 35c; 1/4 lb. $1.00; 1 lb. $3.25; postpaid.

**PEPPER PLANTS**

**Varieties:** Chinese Giant, California Wonder and Long Red Cayenne. Ready about April 20th. Postpaid, doz. 25c; 50 75c; 100 $1.25. Not prepaid, doz. 25c; 50 60c; 100 $1.00.
RUSSELL-HECKLE’S GARDEN PEAS

CULTURE—The pea is hardy and endures cold well, either in or above the ground. It is best to sow the earliest varieties as soon as possible (February), in warm, light soil, prepared the previous autumn or winter. The main crop may be sown about two weeks later. Sow Peas in drills about 2 to 3 inches deep, in rows 2½ to 3½ feet apart. One quart will sow 100 feet of drill. All wrinkled varieties are marked (*). These should not be planted until March.

Alderman* Giant podded, large Peas of superior quality, main crop or late sort. Seventy days. A large main crop Pea, producing in 70 days long, straight, dark green pods 5 to 6 inches long, well filled with large peas of excellent flavor. The vines grow nearly 5 feet high, vigorous and exceedingly productive. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

American Wonder* A dwarf, early wrinkled sort; pods short but well filled; quality excellent. Height, one foot. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Ameer Known as BIG POD ALASKA. Matures about 10 days later than Alaska. Height 3 feet; good quality. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Bliss Everbearing* A good variety that continues in bearing a long time. Height, three feet. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Champion of England* It grows 4 to 5 feet high and requires support, and large crop, production more than repays any extra labor required. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Early Alaska Matures in 50 days. This is an extra early pea, blue in color, earlier by a few days than any other kind; very fine and prolific; the best flavored Pea among the extra early smooth-podded kinds. Postpaid, ½ pt. 20c; pt. 30c; qt. 50c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

McLean Little Gem* Hardy, prolific, uniform in habit of growth. Pods medium size and well filled. Medium early. Height, 18 inches. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Nott’s Excelsior* A medium early wrinkled sort of dwarf habit. Height, 14 inches. Postpaid, ½ pt. 20c; pt. 35c; qt. 60c. Not prepaid, ½ pt. 15c; pt. 30c; qt. 50c.

Telephone* The vines are tall, about four feet high, producing an abundance of pointed pods of largest size, often four and one-half to five inches long, filled with very large peas, which are tender and sweet. Postpaid, ½ pt. 20c; pt. 30c; qt. 55c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 45c.

Large White Marrowfat Height, five feet. Vines and foliage stout, deep green. Postpaid, ½ pt. 20c; pt. 30c; qt. 45c. Not prepaid, ½ pt. 15c; pt. 25c; qt. 35c.

$1.35 FAMILY GARDEN COLLECTION

20 varieties of Garden Seed, enough for your family garden.

Regular value $2.00. Sent postpaid for only $1.35.

1—20c pkt. Bush Bean, Burpee Stringless.
1—20c pkt. Pole Bean, Kentucky Wonder.
1—20c pkt. Butter Bean, Carolina Pole.
1—15c pkt. Corn, Golden Bantam.
1—15c pkt. Peas, Early Alaska.
1—10c pkt. Turnip, Purple Top Globe.
1—10c pkt. Spinach, Bloomsdale Savoy.
1—10c pkt. Peas, Early Alaska.
1—10c pkt. Cabbage, Collard & Collard, Southern Georgia.
1—10c pkt. Cabbage, Chas. Wakefield.
1—10c pkt. Tomate, Stone.
1—10c pkt. Okra, White Velvet.
1—10c pkt. Parsley, Double Curled.
1—10c pkt. Radish, S. T. White Tip.
1—10c pkt. Mustard, Sou. Giant Curled.
1—10c pkt. Okra, White Velvet.
1—10c pkt. Parsley, Double Curled.
1—10c pkt. Radish, S. T. White Tip.
1—10c pkt. Mustard, Sou. Giant Curled.

Price only $1.35, parcel post paid. No changes in assortments can be made.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
IRISH POTATOES-SWEET POTATOES

IRISH POTATOES

CULTURE—Will mature in 70 to 90 days, according to the variety. Cut two eyes, drop them every 15 inches, and make rows 3 feet apart; cover eyes 2 inches; plant in February, March, and April. Allow 1 1/2 to 2 lb. per acre for early crops. On account of market fluctuations, we are unable to name exact prices. Prices quoted are on request.

State Certified Seed Potatoes They cost more, but the difference is worth it. We handle the genuine State Certified Seed Potatoes, and inspected according to state and government inspection requirements. Don’t be misled and buy or plant just field inspected potatoes—see that the tag reads, “State Certified.” You want the best. Send us your orders for the genuine State Certified Seed Irish Potatoes and get them right.

Certified Irish Cobbler Potatoes A popular, early white potato of fine quality. Very productive. We have State Certified Seed of this splendid variety.

Certified Red Triumph You can depend on our stock of Bliss Red Triumphs. They are smooth, sound, and free from disease and true to type, so tagged and certified by the state which produces them. Remember, only State Certified Seed Potatoes can be shipped into Mississippi and other states.

State Certified Seed Potato Prices We know you want the best. Then plant only State Certified Seed Irish Potatoes. Government records show state certified seed increases the yield 50 to 60 per cent. They cost a little more, but in the end they are the cheapest. Why? Because you get a better stand and a better crop. We also advise you to use Semesan Bel on them before you plant. Quotations on State Certified Seed Potatoes given on Green Ink List enclosed.

Larger Yield of Cleaner Potatoes Seed treated with Semesan Bel produces larger yields because of better stand, cleaner and better potatoes—and can be planted sooner. One pound treats 15 to 20 bushels of cut seed potatoes.

Cold Storage Potatoes We will have Lookout Mountain, Red Triumph, McCormick and Irish Cobbler Seed Potatoes in cold storage for late planting, in July and August. Write for prices in June and July.

PUMPKIN

Japanese Pie Is something like the Green Striped Cushaw, but the neck is not curved. The neck and stem are round, weighing from 60 to 100 pounds. The skin is a dull salmon color and frequently netted. The flesh is a bright yellow and rather coarse. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. $1.00; postpaid.

King of the Mammoth A large stock feed pumpkin, practically round, weighing from 60 to 100 pounds. The skin is a dull salmon color and frequently netted. The flesh is a bright yellow and rather coarse. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. $1.00; postpaid.

Small Sugar The finest of all varieties of pie pumpkin for canning. The flesh is quite deep, fine-grained, dry, sweet, and yellow in color. Fruits weigh about 6 to 8 pounds, are round with flat ends, and ribbed. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. $1.00; postpaid.

Striped Cushaw One of the finest flavored pie pumpkins and large enough to be used for stock feed. The neck is curved quite thick and solid. The blossom end is large and round. The size is about 16 by 16 inches, often running larger: the skin is smooth, white with green stripes. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. $1.00; postpaid.

Tennessee Sweet Potato Fruits are pear shaped, of medium size, creamy white, with light green stripes and fine-grained brittle flesh. Pkt. 5c; oz. 15c; 1/2 lb. 35c; 1 lb. $1.00; postpaid.

SUMMER SEED POTATOES

The McCormick The best of all varieties for late or fall crop. We have been fortunate to again secure some of this very wonderful potato. It’s superior in every way to the Lookout Mountain, being of superior quality, smoother and more productive. It seldom fails. The oval tubers are smooth, white, with slight pink eye, cooks mealy and dry and is of fine flavor. Don’t fail to get your requirements of Cold Storage McCormick Potatoes. Prices made in June.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
RADISH CULTURE—To be tender and crisp, radishes must be grown quickly, and this requires rich soil and moisture. Begin as early as possible in the spring and sow at intervals of about 10 days in a light, rich, deeply worked soil. For fall and winter, sow in August and September. One ounce sows 50 feet in drills; 10 to 12 lbs. to the acre.

Cooper’s Sparkler
This radish is an improved type of the Scarlet Turnip White Tip and is superior to the original. The top half is beautiful scarlet; the bottom half clear white. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

Early Scarlet Turnip
A very early, small, round radish; entire radish is of a rich scarlet color. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

Early Long Scarlet Short Top
Early, very short top; splendid shape and color. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

Scarlet Gem
One of the earliest. It is perfectly globular, rich brilliant scarlet at top, blending into pure white at bottom; tender and crisp. The greenhouse strain of Cooper’s Sparkler. Pkt. 5c; oz. 15c; ½ lb. 25c; 1 lb. 75c; postpaid.

Early Scarlet Turnip White Tip
Market gardeners’ favorite radish for outdoor planting. Turnip-shaped; handsome scarlet in color, with a distinct white tip. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

French Breakfast
A very popular French variety of very rapid growth; color, scarlet, tipped with white, and small in size. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

R. - H. Co.’s Perfection White Tip
The most attractive bunching radish on the market—the best strain of Scarlet Turnip White Tip Radish, with the white tip well developed, covering the lower half of the radish. Extra early; crisp and tender. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

Icicle
Long, slender, pure white, the earliest and finest long, white radish. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

Early Scarlet Globe
The roots of this variety are slightly olive shaped and are a rich, bright scarlet in color. The flesh is white and tender. The roots are fit to pull as early as Scarlet Turnip, but are larger when matured. We specially recommend this to gardeners as a large, first early forcing radish. It is also desirable for first early planting outdoors for the home garden and market. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

Long Black Spanish Winter
Grayish black in color; pungent, exceedingly crisp. Pkt. 5c; oz. 15c; ½ lb. 25c; 1 lb. 75c; postpaid.

Chinese White Mammoth
This is the Mammoth and finest of the Chinese varieties; they grow to a very large size, from 12 to 15 inches long and 5 inches in diameter, and mostly above ground; the roots are shaded by its heavy foliage, and are always crisp and mild. A very desirable variety for fall and winter. Pkt. 5c; oz. 15c; ½ lb. 30c; 1 lb. 75c; postpaid.

Mixed Radishes
A general mixture of all varieties, giving you radishes for the whole season at one planting. Pkt. 5c; oz. 10c; ½ lb. 25c; 1 lb. 50c; postpaid.

FREE EEZY WEAR GLOVES
With any cash order at catalogue prices only to value of $6.00 or more, we will send you free one pair of these handy gloves. They are especially adapted for gardeners and for use when spraying plants. A soft, pliable all-leather, dustproof glove that is most useful. One pair free with any cash order to value of $6.00 or more at catalogue prices only. State size you wish.
**SPINACH**

**CULTURE**—Requiring but little culture, it is one of the most easily managed of all vegetables. The main crop is sown from September until November. For summer use it may be sown at intervals of two or three weeks, from March to August. One ounce to 100 feet of drill; 10 to 12 pounds to an acre.

![BLOOMSDALE CURLER SAVOY SPINACH](image)

**BLOOMSDALE CURLED SAVOY SPINACH**

As that of the Savoy Cabbage, hence the name. Pkt. 5c; oz. 10c; % lb. 20c; 1 lb. 35c; 5 lbs. $1.50; postpaid.

![NORFOLK BLIGHT RESISTANT SPINACH](image)

**NORFOLK BLIGHT RESISTANT**

That of the Savoy Cabbage, hence the name. Pkt. 10c; oz. 15c; % lb. 25c; 1 lb. 50c; postpaid.

![Eskimo Giant](image)

**ESKIMO GIANT**

Produces its broad, thick leaves early in the season. Its giant leaves often measure 20 inches across, which when cooked are very tender. Pkt. 5c; oz. 10c; % lb. 25c; 1 lb. 50c; postpaid.

![NEW ZEALAND SPINACH](image)

**NEW ZEALAND SPINACH**

One single plant will grow to dimensions of 6 feet across, producing an abundance of thick, fleshy, juicy stems and leaves. Plant in hills 2 feet apart each way, 3 or 4 seeds to a hill. Pkt. 5c; oz. 10c; % lb. 25c; 1 lb. 75c; postpaid.

**QUANTITY PRICES**

See Green Ink Price List enclosed for Special Quantity Prices on Spinach Seed.

**CHARD**

Swiss Chard, or Silver Lucullus Beet

Grown for its leaves and stems only. Cook the leaves as you do spinach, and the stems like asparagus. The plant is almost perpetual if kept trimmed; also good for poultry greens. Lucullus Swiss Chard is the best variety. Pkt. 5c; oz. 10c; % lb. 25c; 1 lb. 75c; postpaid.

**SHEEP MANURE**

Is the ideal plant food for gardens; high in nitrogen, but does not burn plants or harm seed. Makes better crops. 10 lbs. 45c; 25 lbs. 75c; 100 lbs. $2.25.

**SQUASH**

**CULTURE**—After danger of frost is past, plant in a warm, well-pulverized, rich soil, mixing well-rotted manure with the soil in each hill. Plant 8 or 10 seeds to the hill; the bush varieties 4 to 6 feet apart, the running sorts 8 to 10 feet.

![EARLY WHITE BUSH PATTY PAN](image)

**EARLY WHITE BUSH PATTY PAN**

The well-known summer variety. Pkt. 5c; oz. 15c; % lb. 30c; 1 lb. 90c; postpaid.

![ZUCCHINI](image)

**ZUCCHINI**

An Italian summer variety of bush habit. The fruits are oblong, 12 to 16 inches in length and 6 inches in diameter, furrowed with 5 ribs; color, marbled yellow and dark green stripes; quality fine. Pkt. 5c; oz. 15c; % lb. 35c; 1 lb. $1.25; postpaid.

![GOLDEN CUSTARD](image)

**GOLDEN CUSTARD**

Bush form similar to the White Bush, but yellow and fine quality, being always tender. Pkt. 5c; oz. 15c; % lb. 30c; 1 lb. 90c; postpaid.

![GIANT YELLOW CROOKNECK](image)

**GIANT YELLOW CROOKNECK**

Fruit is large, bright yellow and covered with warts. Pkt. 5c; oz. 15c; % lb. 30c; 1 lb. $1.00; postpaid.

![MAMMOTH WHITE BUSH](image)

**MAMMOTH WHITE BUSH**

Quite similar to the Early White Bush, from which it was originally selected. It differs in being about a third larger and more uniform in shape; color a beautiful waxy white; the fruits are thick, the flesh tender and of the best quality. A very prolific bearer. Pkt. 5c; oz. 15c; % lb. 30c; 1 lb. 90c; postpaid.

![YELLOW SUMMER CROOKNECK](image)

**YELLOW SUMMER CROOKNECK**

A bush variety: early and prolific; surface deep yellow, densely warted; quality and flavor good. Pkt. 5c; oz. 15c; % lb. 30c; 1 lb. $1.00; postpaid.

**SALSIFY** (Oyster Plant)

**CULTURE**—The Oyster Plant succeeds best in some light, well-enriched soil which previous to sowing the seeds should be stirred to the depth of 18 inches. sow early in the spring in drills 16 inches apart; cover the seeds with fine soil 1 inch deep. One ounce for 60 feet of drill, 7 pounds to one acre.

![MAMMOTH SANDWICH ISLAND](image)

**MAMMOTH SANDWICH ISLAND**

This splendid variety grows to fully double the size of the old sort; is of superior quality and delicate flavor. Pkt. 5c; oz. 25c; % lb. 60c; 1 lb. $2.00; postpaid.
CULTURE—Spring sowing should be put in early, so that they will attain a good size before hot weather. For the regular crop, sow the early sorts in July or August, the later sorts during August, and the salad varieties during August and September. Sow either broadcast or in drills 2 feet apart, thinning out to 6 inches and roll the ground after sowing. Rutabagas should be sown in July and early in August, and earthed up as they grow. New ground makes the best turnips, or, if sown in your garden, first mix a good supply of phosphate with the ground, then sow your seed. Cover the seed about 1/4 inch. Sow 1 1/2 pounds to the acre in drills, 2 pounds broadcast.

Extra Early White Milan The earliest very small, distinctly strap-leaved and growing very erect. Pkt. 10c; oz. 15c; 1/4 lb. 25c; 1 lb. 60c; postpaid.

Extra Early Purple Top Milan A white variety, purple top and strap-leaf. This, with the White Milan, is the earliest of all turnips. Pkt. 10c; oz. 15c; 1/4 lb. 25c; 1 lb. 60c; postpaid.

Dixie Land A winter variety, large white bulbs. Sow in August for winter use. They stand the coldest weather. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Large Amber Globe Of large size, globe-shaped, solid yellow flesh; green top. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Long White Cow Horn A long white turnip, 12 to 15 inches in length, 2 1/2 inches in diameter and growing well above the ground. Of rapid growth, producing large, heavy roots in 75 days. Pkt. 5c; oz. 10c; 1/4 lb. 25c; 1 lb. 45c; postpaid.

Large White Globe A popular variety. Makes large, round white roots, flesh white, solid, sweet and fine-grained, maturing in about 75 days. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

R.-H. Co.'s American Red Top Globe Grown for us on contract from our own special seed stock. A perfect globe-shaped with bright red or purple top and snow-white bottom. It does not taper like other types of the same variety. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

R.-H. Co.'s Mixed Turnips A general mixture; very desirable; produces greens and turnips early and late; fine for home gardens. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Mammoth Purple Top White Globe One of the handsomest and most salable turnips. It is a large, rapid-growing sort, being ready for the table or market in about 65 days, with globular-shaped roots. Flesh pure white and the best flavored of all turnips, raw or cooked. The skin is white, with a purple top. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Red or Purple Top Strapleaf Flat white, with purple top. Fine-grained and tender. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Shogoin or Japanese Louse Resistant Turnip A new variety that is becoming very popular in the South. Especially valuable for turnip greens, which are always in good demand during the late spring and summer months in the South. The leaves grow upright, about 2 feet high when fully developed, which make it practically free from insect attacks. The roots are pure white, between flat and globe in shape; however, this wonderful new sort is more largely planted for the tops than the roots. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Southern Seven Top The old standard popular salad variety, grown extensively for this purpose. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

White Flat Dutch Strapleaf A quick-growing, egg-shaped, pure white variety. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

Yellow Aberdeen Purple Top A splendid variety with firm, solid, yellow meat. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

RUTABAGA

CULTURE—Sow in drills or broadcast in June, July and August.

Improved Purple Top Yellow The finest and most profitable of all yellow, purple-top Rutabagas, being the hardiest, heaviest, best shaped and most productive. The flesh is of a beautiful yellow color, of the choicest quality. Matures in 95 days. Pkt. 5c; oz. 10c; 1/4 lb. 15c; 1 lb. 45c; postpaid.

For Aphis or Lice on Turnips Use Powdered Tobacco. Dust the young plants early in the morning, while the dew is on them. 1 lb. 15c; 2 lbs. 25c; 5 lbs. 50c; 25 lbs. $1.50. By parcel post, 1 lb. 25c; 2 lbs. 40c; 5 lbs. 65c.

For quantity prices: See green ink price list enclosed.
R.-H. Co.'s TOMATOES

CULTURE—The seed should be sown in March in a hotbed or greenhouse, or may be sown in a box and kept inside the window of a room where the night temperature is not less than 65 degrees. The plants should be thinned out in the bed so as to give them plenty of room or they will be weak and poor. About the middle of April the plants may be set in the open ground from 4 to 5 feet apart each way. One ounce produces about 1,500 plants. To prevent rot and blight on tomato plants, spray with Pyrox when first fruits have set.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

Marglobe (New) The Wilt and Nailhead Rust-Resisting Sort. Developed by the Agricultural Department and thoroughly tested in sections where the above diseases are very destructive. The Marglobe was produced by crossing the Livingston Globe with one or more other varieties. A bright red in color, of large size, almost round, and very productive. It will pay to try the Marglobe, even if you are not bothered with tomato diseases. It is very promising. Pkt. 5c; oz. 25c; 14 lb. $1.25; 1 lb. $4.50; postpaid.

Certified Marglobe This is a special stock of Marglobe Tomato, certified by the proper authorities. The field where this is grown has been under the most rigid and careful inspection to see that the variety is pure and free of all diseases. The original seed was furnished to our grower by Prof. Pritchard of the United States Government Experimental Farm. Truckers and growers wanting the best should avail themselves of this Certified Marglobe Tomato. We are pleased to advise we can supply Certified Marglobe Tomato this season. Pkt. 10c; oz. 50c; 1 lb. $1.50; 1 lb. $4.50; postpaid.

Earliana A fine scarlet tomato. Ready for the market several days ahead of any other variety. Ripens uniformly and is a good yielder. Smooth, always round and good first size. Flesh is very thick, firm and solid, with few seeds. Good shipper; does not crack. Pkt. 5c; oz. 25c; 1 lb. $1.50; 1 lb. $4.50; postpaid.

Burpee's Dwarf Giant A new dwarf sort of good size and various other unique characteristics. It is very prolific, producing fruits in clusters around the base of the plant, a beautiful purple variety. Pkt. 10c; oz. 50c; 1 lb. $1.50; 1 lb. $4.50; postpaid.

Early Acme Early and bears fruit until cut off by frost. Fruit is purplish-pink, always round, smooth and of good size, and borne in clusters of four or five; free from cracks and stands shipment well. Flesh is solid and of excellent flavor. Pkt. 5c; oz. 25c; 1 lb. $1.00; 1 lb. $3.50; postpaid.

Break-O-Day This early extra Wilt Resistant Tomato was also developed by Prof. Pritchard of the U. S. Department of Agriculture at Washington. Break-O-Day is earlier than Marglobe, of deep globe shape and a good, bright red color; very solid and with few seeds; does not crack; therefore makes a fine market and shipping tomato. Ripens with Earliana and Bonny Best. Break-O-Day Tomato is the new early Wilt Resistant variety that you surely want to plant for early market. Pkt. 15c; oz. 60c; 1 lb. $1.50; 1 lb. $4.75; postpaid.

Certified Break-O-Day A special selected strain of this new extra early Wilt Resistant Tomato grown under the supervision of experts and inspected and certified by the New Jersey State Board of Plant Control. It pays to plant certified seed. Pkt. 15c; oz. 60c; 1 lb. $1.50; 1 lb. $4.75; postpaid.

Beefsteak Large fruit, 4 to 5½ inches across, nearly always perfectly smooth, glossy, bright red flesh. Very solid; excellent quality, few seeds; ripening up to stem; good keeper and a good shipper. Pkt. 10c; oz. 50c; 1 lb. $1.50; 1 lb. $4.50; postpaid.

Bonny Best An early variety maturing a little later than Earliana. Fruit medium size, color bright scarlet, exceedingly smooth, handsome shape; ripens evenly close up to the stem. It is very prolific and we recommend it as a first-class sort. Pkt. 5c; oz. 25c; 1 lb. 75c; 1 lb. $2.25; postpaid.

Early Detroit The largest and best of the early purplish tomatoes. Fruits very smooth, nearly globe-shaped, firm and of excellent quality, is a better yielder and more vigorous than Acme. The fruits are of good size throughout the season. Pkt. 5c; oz. 35c; 1 lb. $1.00; 1 lb. $3.50; postpaid.

Brimmer A great, big, solid red Tomato, 13 to 16 inches in circumference, weighing 2 to 2½ pounds each. It is all meat, very few seeds. The vines bear a tremendous load of fruits right up to frost and the fruits continue large up to the end of the season. They are bright red, smooth and will not crack. Pkt. 10c; oz. 60c; 1 lb. $1.50; 1 lb. $4.50; postpaid.

Gulf State Market One of the finest early globe-shaped tomatoes yet produced. A very vigorous grower and withstands blight exceptionally well. Color deep purplish-pink, smooth skin and free from cracks. Pkt. 5c; oz. 35c; 1 lb. $1.00; 1 lb. $3.50; postpaid.

Special Stock Gulf State Market This seed is more carefully selected by the grower and is of the very highest quality obtainable. Pkt. 10c; oz. 75c; 1 lb. $2.00; 1 lb. $6.50; postpaid.

Galvanized Tomato Stakes Made of heavy galvanized iron; durable, strong and convenient. They can also be used for Dahlias and other plants that require staking. Special prices as follows:

- 4½ feet high... Each 15c
- 5½ feet high... Each 16c

Galvanized Tomato Stakes

Pyrox

Spray Tomatoes with it and prevent blossom-end rot and worms. 1-lb. jar 50c; 5 lbs. $1.75.

Nicotine Pyrox, 10-oz. jar 50c; f.o.b. Memphis. Not mailable.
R.-H. Co.'s TOMATOES

Livingston’s Globe  The Greatest Shipping Tomato Known. Not excelled by any other pink variety, and it is one of the best for the home garden, comes into bearing early, and keeps on bearing until almost frost. The fruits are of large size, always smooth, with firm flesh that ripens evenly; color, a fine glossy rose, tinged with purple. Quality good, being mild, pleasant and of delicious flavor. Fine for early growing on stakes or trellises. Almost blight-proof. Pkt. 5c; oz. 35c; ½ lb. $1.00; 1 lb. $3.50; postpaid.

Special Stock Livingston’s Globe  This is the very best quality obtainable, sealed in original packages from the growers. Pkt. 10c; oz. 75c; ½ lb. $2.00; 1 lb. $5.75; postpaid.

Ponderosa, the Giant Tomato  a gem. The vines are strong in growth, and when planted in good soil and pruned to a single stem, the fruit reaches one pound in weight; tomatoes grow in beautiful uniform clusters. The fruit is mostly oblong in shape, usually ribbed, is deep purple color, has solid flesh of sweet flavor, and small seed cells. Pkt. 10c; oz. 50c; ½ lb. $1.50; 1 lb. $4.75; postpaid.

Yellow Ponderosa  Equals Ponderosa in size, but bears rich golden-yellow fruits in abundance. Pkt. 10c; oz. 60c; ½ lb. $2.00; 1 lb. $5.25; postpaid.

SMALL OR PRESERVING TOMATOES

RED PEAR SHAPED  Pkt. 10c; oz. 50c; postpaid

RED PEACH  Pkt. 10c; oz. 50c; postpaid

YELLOW PEAR  Pkt. 10c; oz. 50c; postpaid

GOOD TOMATO PLANTS

These are usually ready about April 1st. We can supply the following varieties:

**EARLY DETROIT**

**LIVINGSTON’S GLOBE**

**PONDEROSA**

**GULF STATE MARKET**

**MARGLOBE**

**STONE**

**HOTKAP PLANT PROTECTORS**

Mat cultures earlier: shields plants from wind, rain and light frosts; protects them from insects; keeps dirt soft—miniature “hot-houses.” A revolutionary device that saves much in time, labor and money; 1,000 Hotkaps used on an acre, average.

Full directions in free circular.

Price of any of the above varieties: Pkt. 10c; oz. 40c; postpaid.

TOBACCO

The seeds are sown in the spring. When these plants are almost 6 inches high, set out 2 feet apart, in drills, with rows 3 feet apart. One ounce of seed will make enough plants to set out three acres.

**HAVANA**—Grown largely for wrappers of cigars.

**CONNECTICUT SEED LEAF**—An early variety, for smoking and chewing.

**IMPROVED WHITE BURLY**—Fine for both chewing and smoking.

Price of any of the above varieties: Pkt. 10c; oz. 40c; postpaid.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
SUMMER FLOWERING BULBS

GLADIOLUS

CULTURE—Gladioli will thrive in almost any good soil except a stiff clay. They require full sunlight and are liable to injury only from rank manure. Plant the bulbs 6 to 9 inches apart, the large ones 4 inches and the small ones 2 inches deep. Make an early planting of the smallest bulbs first as soon as the ground is sufficiently dry and warm. Continue to plant at intervals of two weeks during the spring and early summer; in this way a succession of bloom may be had from midsummer until frost.

NAMED GLADIOLUS BULBS

AMERICA—Soft lavender pink, very fine. Doz. 50c; 100 $2.75; postpaid. Not prepaid, doz. 40c; 100 $2.50.

ANNA EBERIUS—Dark velvety-purple. Doz. 75c; 100 $4.00; postpaid. Not prepaid, doz. 65c; 100 $3.75.

BARON HULOT—A really fine blue gladiolus, rich violet-blue. Doz. 75c; 100 $4.50; postpaid. Not prepaid, doz. 65c; 100 $4.25.

CHICAGO WHITE—White with lavender markings in throat. Doz. 50c; 100 $2.75; postpaid. Not prepaid, doz. 45c; 100 $2.50.

EVELYN KIRTLAND—Beautiful rosy-pink with scarlet blotch on lower petals. Very showy. Doz. 60c; 100 $3.50; postpaid. Not prepaid, doz. 50c; 100 $3.25.

E. J. SHALOR—New beautiful rose-pink, slightly ruffled. Doz. 50c; 100 $3.00; postpaid. Not prepaid, doz. 45c; 100 $2.75.

GOLDEN MEASURE—Rich yellow, large flowering, spike well filled with large blossoms. Doz. 55c; 100 $6.00; postpaid. Not prepaid, doz. 75c; 100 $5.75.

HALLEY—Delicate rose, with a white blotch. Doz. 50c; 100 $2.75; postpaid. Not prepaid, doz. 40c; 100 $2.50.

LOS ANGELES—Shrimp pink with orange throat, very attractive. Doz. 75c; 100 $5.00; postpaid. Not prepaid, doz. 65c; 100 $4.75.

LOUISE—Beautiful lavender shade. Doz. 75c; 100 $5.00; postpaid. Not prepaid, doz. 65c; 100 $4.75.

MRS. FRANK PENDLETON—Flushed salmon-pink. One of the most popular varieties with the florists. Doz. 60c; 100 $3.50; postpaid. Not prepaid, doz. 50c; 100 $3.25.

SCHWABEN—Pure canary yellow, shaded sulphur-yellow. Doz. 60c; 100 $3.75; postpaid. Not prepaid, doz. 50c; 100 $3.50.

MRS. FRANCIS KING—Produces immense flamingo-pink blossoms. Doz. 55c; 100 $6.00; postpaid. Not prepaid, doz. 50c; 100 $5.75.

PANAMA—Darker pink than America and larger. Doz. 60c; 100 $3.50; postpaid. Not prepaid, doz. 50c; 100 $3.25.

R.-H. CO.'S GIANT FLOWERING MIXED—Made up from the best named sorts and comprises almost every shade in existence. This mixture is the finest Gladiolus that can be obtained from any source. Doz. 45c; 100 $2.40; postpaid. Not prepaid, doz. 35c; 100 $2.25; 150 $3.50.

SPECIAL OFFER OF GLADIOLUS BULBS

Above 15 Varieties Postpaid on Receipt of Price—2 each, 15 varieties, 30 bulbs, $1.25; 4 each, 15 varieties, 60 bulbs, $2.40; 6 each, 15 varieties, 90 bulbs, $3.50.

MIXED GLADIOLUS BULBS

R.-H. CO.'S GIANT FLOWERING MIXED—Made up from the best named sorts and comprises almost every shade in existence. This mixture is the finest Gladiolus that can be obtained from any source. Doz. 45c; 100 $2.40; postpaid. Not prepaid, doz. 35c; 100 $2.25; 150 $3.50.

Special Offer

Ten each, Hungary, President and King Humbert; regular value $3.00. Special offer $2.00; postpaid.

SELECT CANNA BULBS

HUNGARIA—The new pink Canna with green foliage, a beautiful shade of rose-pink; 4 feet. Each 20c; doz. $1.00; postpaid. Not prepaid, each 15c; doz. $0.75.

KING HUMBERT—Orange-scarlet, bronze foliage, 4 feet. Each 15c; doz. 90c; postpaid. Not prepaid, each 10c; doz. 75c.

YELLOW KING HUMBERT—Yellow dotted red, green foliage, height 4 feet. Each 15c; doz. $1.00; postpaid. Not prepaid, each 10c; doz. 75c.

THE PRESIDENT—Bright crimson, very large flower, deep green foliage; 4 feet. Each 15c; doz. $1.00; postpaid. Not prepaid, each 10c; doz. 85c.

SPECIAL OFFER

30 Canna Bulbs, only $2.00
Fine Named Dahlias

The following are all first class varieties, the best of their color and well adapted to this section:

- **AMUNRA OR THE SUN GOD**—Mammoth size flowers of gorgeous copper and orange, shading to gold and amber. A beautiful decorative Dahlia. Each 50c; 3 for $1.40; postpaid.
- **BASHFUL GIANT**—One of the largest Dahlias yet introduced; a giant exhibition, decorative type; apricot with golden shading. Each 35c; 3 for $1.00; postpaid.
- **BONNIE BRAE**—A true decorative Dahlia, large soft rose pink, blending to cream in the center; much admired in the Dahlia garden. Each 50c; 3 for $1.40; postpaid.
- **ELIZABETH SLOCUM**—The brilliant purplish garnet color makes it a showy decorative variety. The immense flowers are unusually attractive. Each 35c; 3 for $1.00; postpaid.
- **GLORY OF NEW HAVEN**—One of the most beautiful decorative lavender shades; flower large size and produced on large stiff stems. Each 50c; 3 for $1.40; postpaid.
- **JERSEY BEAUTY**—Beautiful rose pink with silvery sheen; a fine, well-shaped decorative Dahlia. Each 50c; 3 for $1.45; postpaid.
- **MRS. CHAS. H. BRECK**—Cactus Dahlia of rich sulphur yellow. Each 50c; 3 for $1.40; postpaid.
- **MRS. C. D. ANDERSON**—Very striking, a showy giant crimson purple. Each 50c; 3 for $1.45; postpaid. Not prepaid, each 50c; 3 for $1.00.
- **PURITY**—A pure white decorative Dahlia of good form. Each 50c; 3 for $1.40; postpaid.
- **SAGAMORE**—Decorative rich amber gold, shaded to center salmon rose. Each 75c; 3 for $2.00; postpaid.

Special Offer

One each of the above 12 desirable named Dahlias, regular value $4.55, sent postpaid for only $3.30.

DAHLIA BULBS, Separate Colors

These are all first size large bulbs in the following colors:

- **DOUBLE PINK**
- **DOUBLE SCARLET**
- **DOUBLE WHITE**
- **DOUBLE YELLOW**
- **DOUBLE PURPLE**
- **DOUBLE STRIPED**

Each 20c; doz. $1.75; postpaid. Not prepaid, each 15c; doz. $1.50.

Peonies

Adapted for massing in beds, and particularly valuable for planting in groups throughout the perennial or shrubbery border. An important point to observe in the planting of Peonies is not to plant too deep. The roots should be placed so that the crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

Named Peonies

Extra fine varieties, all well adapted for the South. These are extra fine large bulbs.

- **EUDULUS SUPERBA**—Very early, bright clear pink, called the Decoration Day Peony. Each 40c; 3 for $1.10; postpaid. Not prepaid, each 35c; 3 for $1.00.
- **FESTIVA MAXIMA**—This is the finest white. Each 35c; 3 for $1.00; postpaid. Not prepaid, each 30c; 3 for $1.50.
- **FELIX CROUSSE**—Dazzling ruby red, large. Each 60c; 3 for $1.50; postpaid. Not prepaid, each 50c; 3 for $1.40.
- **KARL ROSENFIELD**—Velvety-crimson, blooms of semi-tone type, very showy, beautiful flower. Each 90c; 3 for $1.50; postpaid. Not prepaid, each 50c; 3 for $1.40.
- **PRESIDENT T Foot**—Large white with cream yellow center and a ring of yellow stamens. Each 40c; 3 for $1.00; postpaid. Not prepaid, each 40c; 3 for $1.00.
- **FESTIVA MAXIMA**—This is the finest white. Each 35c; 3 for $1.00; postpaid. Not prepaid, each 30c; 3 for $1.50.
- **AWFUL GIANT**—One of the largest Dahlias yet introduced; a giant exhibition, decorative type; apricot with golden shading. Each 35c; 3 for $1.00; postpaid.
- **ELIZABETH SLOCUM**—The brilliant purplish garnet color makes it a showy decorative variety. The immense flowers are unusually attractive. Each 35c; 3 for $1.00; postpaid.
- **GLORY OF NEW HAVEN**—One of the most beautiful decorative lavender shades; flower large size and produced on large stiff stems. Each 50c; 3 for $1.40; postpaid.
- **JERSEY BEAUTY**—Beautiful rose pink with silvery sheen; a fine, well-shaped decorative Dahlia. Each 50c; 3 for $1.45; postpaid.
- **MRS. CHAS. H. BRECK**—Cactus Dahlia of rich sulphur yellow. Each 50c; 3 for $1.40; postpaid.
- **MRS. C. D. ANDERSON**—Very striking, a showy giant crimson purple. Each 50c; 3 for $1.45; postpaid. Not prepaid, each 50c; 3 for $1.00.
- **PURITY**—A pure white decorative Dahlia of good form. Each 50c; 3 for $1.40; postpaid.
- **SAGAMORE**—Decorative rich amber gold, shaded to center salmon rose. Each 75c; 3 for $2.00; postpaid.

Special Offer

One each of the above eight named Peonies, regular price $4.55, sent postpaid on receipt of $3.35.

Peonies to Color

All showy bulbs, two to three good eyes.

- **DOUBLE CREAM**
- **Double Pink**, **Double White**, **Double Mixed**. Each 30c; 6 for $1.40; 12 for $2.25; postpaid.
- **LORD KITCHENER**—Enormous pink, very fragrant, a grand flower. Each 35c; 3 for $1.25; 5 for $2.00.

Amaryllis

The Amaryllis produces showy flowers that are hardy, some and very attractive, resembling Lilies. The most suitable soil is good loam, with one-fourth part of leaf-mold, or pulverized manure, and some sand. Good drainage is very important. The growing season is from early spring until about September, when the plants should be kept cool and allowed to rest until February.

- **AMARYLLIS JOHNSONII**—Crimson flower, each petal striped white.
- **AMARYLLIS SUPERBA**—Very early, bright clear pink, called the Decoration Day Peony. Each 40c; 3 for $1.10; postpaid. Not prepaid, each 35c; 3 for $1.00.
- **ARMSTRONG'S EVERBLOOMING TUBEROSE**—A single sweet-scented early-blooming variety; blooms longer than the double. Doz. 50c; 100 $3.60; postpaid. Not prepaid, doz. 45c; 100 $3.25.
- **BONNIE BRAE**—A true decorative Dahlia, large soft rose pink, blending to cream in the center; much admired in the Dahlia garden. Each 50c; 3 for $1.40; postpaid.
- **JERSEY BEAUTY**—Beautiful rose pink with silvery sheen; a fine, well-shaped decorative Dahlia. Each 50c; 3 for $1.45; postpaid.
- **MRS. CHAS. H. BRECK**—Cactus Dahlia of rich sulphur yellow. Each 50c; 3 for $1.40; postpaid.
- **MRS. C. D. ANDERSON**—Very striking, a showy giant crimson purple. Each 35c; 3 for $1.00; postpaid.
- **PURITY**—A pure white decorative Dahlia of good form. Each 50c; 3 for $1.40; postpaid.
- **SAGAMORE**—Decorative rich amber gold, shaded to center salmon rose. Each 75c; 3 for $2.00; postpaid.

CALADIUMS OR "ELEPHANT EARS"

Caladiums, or Elephant Ears, are easy and productive plants. They are valuable for tuberous roots. The planting must be done with care and attention to detail. The crowns are covered with 2 inches of soil. Too deep planting is a frequent cause of shy flowering.

Our Fall Catalog and Price List will be ready in September. We import direct from growers a very select stock of Dutch Hyacinths, Tulips, Narcissus, Crocus, etc. Don't fail to write for a copy of Fall Catalog.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
FLOWER SEEDS

CULTURAL DIRECTIONS
Light, rich loam is most suitable for flowers. The soil should be finely pulverized for best results. This is of paramount importance if one wishes to grow them successfully. They, in common with all other seeds, should be sown thinly and the soil pressed firmly over them when covered. Water frequently.

A good plan is, sow the seeds in rows about 3 inches apart, then transplant to the permanent garden later.

ALL PRICES ON FLOWER SEEDS
Are Postage Paid.

Alyssum Six to 8 inches high, a fragrant, hardy annual, bearing spikes of small white flowers in great profusion. Useful for border of early bedding flowers. Sow the seed early in spring.

SWEET ALYSSUM — Pkt. 5c; oz. 35c.

GOLDEN YELLOW ALYSSUM — Hardy perennial, but blooms the first year from seed if sown early in spring. Grows 12 inches high. Grows early. Grows 18 inches high. Pkt. 10c; oz. 60c.

LITTLE GEM ALYSSUM — Three to 4 inches high; fine for borders. Pkt. 10c; oz. 50c.

Ageratum Very showy plants; bloom profusely the whole summer; fine as cut flowers; splendid for borders, ribbon beds, etc. Half-hardy annuals. Pkt. 10c; oz. 50c.

DWARF BLUE AGERATUM — Pkt. 10c; oz. 60c.

Amaranthus CAUDATUS — Love Lies Bleeding—Very attractive; 3 feet. Pkt. 5c; oz. 25c.

TRICOLOR — Very attractive annual, called Joseph's Coat. Pkt. 5c; oz. 25c.

CRUENTUS — Showy annual, known as Princess Feather. Pkt. 5c; oz. 35c.

Antirrhinum, or Snapdragon Flowers double the size of older sorts, more closely set on the stems and colors more clear and brilliant, growing about 18 inches high.

TALL MIXED—Many colors. Pkt. 5c; oz. 60c.

DWARF MIXED—Many colors. Pkt. 10c; oz. $1.25.

EMPRESS — A rich crimson Snapdragon. Pkt. 10c; oz. $2.00.

GOLDEN QUEEN — Beautiful golden-yellow. Pkt. 10c; oz. $2.00.

SILVER PINK — Satiny pink. Pkt. 10c; oz. $1.75.

African Daisy (Arctotis Grandis) It forms much-branched bushes 3 to 5 feet high; its Daisy-like flowers are pure white with a gold band surrounding a pale mauve or blue center. It is not only pleasing when open, but also when it closes at evening and displays its lilac-tinted undersides. Good cut flower. Pkt. 10c; oz. 90c.

Aster (The Sunshine) These have twisted and quilled petals, are very showy and attractive. All have a cushion center of tiny quills of a contrasting color, which makes the flower look as if it were covered with snowflakes. Their delicious fragrance is hard to describe. Price packet mixed colors 15c; 4 pkts. 50c; oz. $1.75.

Acroclinium (Everlasting Flower) A pretty everlasting, bearing graceful, daisy-like flowers, pretty bright rose and white with yellow centers, which, when cut in the bud state, can be dried and used for winter bouquets. Double mixed; 1 foot. Pkt. 10c; oz. 40c.

Annuals are those flowers that attain their full growth, bloom and die the first year. Among these are Asters, Balsam, Cosmos, Zinnias, Mignonette, Sweet Peas, Nasturtiums, Morning Glories and other brilliant and fragrant sorts.

Perennials usually do not bloom the first year, but live over until the second season and then bloom. They continue for many years after. These sorts constitute the "Hardy Flowers", such as Hollyhocks, Sweet William, etc.

Asters Very effective in the border if planted in rows. Sow the seed outdoors in boxes. Cover lightly and transplant to the open ground when danger of frost is over.

CHINA — Aster, mixed colors. Pkt. $1.00; oz. 50c.

GIANT COMET — A good bedding variety with large blossoms, the petals of which are long, narrow and curled backwards. Mixed colors. Pkt. 10c; oz. 50c.

SWEET ALYSSUM — Pkt. 5c; oz. 25c.

Balsam Plant 12 to 18 inches apart. Transplanting two or three times has a tendency to dwarf the plants to make the flowers more double.

Giant Comet Aster

Every Home Should Have Flowers

VICTORIA MIXED — Flowers very large and perfect. Pkt. 10c; oz. $1.50.

ALL COLORS MIXED — A combination of all varieties, double, of globular shape and imbricated; 1½ feet high, giving both range and colors and shapes. Pkt. 5c; oz. $1.00.

SEMPLE'S BRANCHING — Quite different in several respects from any other Aster; beautiful for cut flowers. Pkt. 10c; oz. 50c.

SEMPLE'S BRANCHING PURPLE ASTER — Pkt. 10c; oz. $2.00.

SEMPLE'S BRANCHING CRIMSON ASTER — Pkt. 10c; oz. $2.00.

SEMPLE'S BRANCHING BLUE ASTER — Pkt. 10c; oz. $2.00.

SEMPLE'S BRANCHING LAVENDER ASTER — Pkt. 10c; oz. $2.00.

SEMPLE'S BRANCHING WHITE ASTER — Pkt. 10c; oz. $2.00.

SEMPLE'S BRANCHING MIXED, ALL COLORS — Pkt. 10c; oz. $1.50.

Balsam Apple Round, pear-shaped, glossy fruit with very fine, glossy green foliage. This is a pretty climber. Pkt. 5c; oz. 40c.

Balloons Vine A rapid growing climber; thrives in light soil. Pkt. 5c; oz. 30c.

Bachelor's Button Mixed colors. Also called Globe Amaranth. Of easy culture; sow the seed where it is to remain and thin plants to 3 or 4 inches apart. Annual. Pkt. 5c; oz. 40c.

Blue Lace Flower A flower you cannot do without in your garden. Beautiful, large, face-like flowers, similar to wild carrot, but of a lovely delicate azure-blue gracefully poised on long stems. Sow in the hotbed in March, and outdoors in May and again in June, and you can cut flowers until frost. Pkt. 10c; oz. $1.50.

All prices on packet flower seeds are final. For quantity prices: see Green Ink Price List enclosed.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED.
Calendula (Pot Marigold)  
Very hardy annual. 1 foot high. Have showy double flowers blooming until frost and producing fine effect in borders.

ORANGE KING — This Calendula enjoys great popularity with many gardeners. Its outstandingly rich orange flowers are borne throughout the summer and fall. The blooms are fully double, well rounded, and carried on fine long stems. A beautiful golden yellow color. Excellent for winter blooming. Pkt. 10c; oz. 50c.

LEMON QUEEN — A lovely companion to Orange King, with flowers of equal size. The color is an intense rich lemon-yellow of great brilliancy. Blooms very freely and is by far the best lemon Calendula in existence. Pkt. 10c; oz. 50c.

MIXED CALENDULA — All double sorts. Pkt. 5c; oz. 25c.

Panpallflfl — Showy, beautiful annuals, excellent for cutting and massing. Mixed colors. Pkt. 5c; oz. 35c.

Pallinncic — Handome, hardy biennial of stately growth, rich color and profuse bloom; height 2 to 3 feet. Single mixed colors. Pkt. 5c; oz. 20c.

Carnation Marguerite — The flowers are large, double and very fragrant. Mixed colors. Pkt. 10c; oz. $1.50.

Canna — Ornamental, producing clusters of large flowers of the most brilliant colors. Soak seed for a day in warm water. Mixed colors. Pkt. 5c; oz. 35c.

Cardinal Climber — A new and brilliant colored annual climber. Flowers glowing scarlet. Vines attaining a height of from 20 to 30 feet. Pkt. 10c; oz. $1.50.

Chinese Woolflower — Plant grows 2 to 3 feet high; produces roundish heads like a ball of wool, of rich colors. Mixed Chinese Woolflower. Pkt. 10c; oz. $1.25.

Cobra Scandens (Cup and Saucer Vine) — A climber of rapid growth; valuable for covering trellises, arbors, trunks of trees, etc.; large, bell-shaped flower. Pkt. 5c; oz. 75c.

Coleus — Probably the best known and most popular of ornamental foliage plants. Tender annual. Mixed colors. Pkt. 25c; 3 pkts. 50c.

Columbine — Easily grown, old-fashioned perennials for borders, forming large, permanent clumps. Pkt. 5c; oz. 75c.

Cosmos — Among the garden annuals that have come into prominence in recent years the Cosmos lead all. Seed sown in the open ground in the beginning of April will produce blooming plants in July, and they will continue to flower late in the fall.

EARLY FLOWERING COSMOS — Mixed colors. Pkt. 5c; oz. 50c.

GIANT FLOWERING COSMOS — Mixed colors. Pkt. 5c; oz. 50c.

GIANT FLOWERING COSMOS — Pink. Pkt. 10c; oz. 40c.

GIANT FLOWERING COSMOS — Crimson. Pkt. 10c; oz. 40c.

GIANT FLOWERING COSMOS — White. Pkt. 10c; oz. 40c.

KNOLLYKE YELLOW COSMOS — Pkt. 10c; oz. $1.00.

Cypress Vine — Rapid climber, bearing an abundance of star-like flowers; fine for trellises and arbors.

RED CYPRESS VINE — Pkt. 10c; oz. 40c.

MIXED CYPRESS VINE — Pkt. 5c; oz. 30c.

Cynoglossum (Chinese Forget-me-Not) — AMABILE — An annual recently introduced from China; of the easiest culture, forming strong plants 18 to 24 inches high and producing through the summer months sprays of intense blue Forget-me-Not-like flowers, delicately sweet-scented. Pkt. 10c; oz. 50c.

Cornflower — Known as Ragged Sailor or Cornflower. It is not a pretentious plant but will always charm by its simple beauty.

SINGLE MIXED CORNFLOWER — Pkt. 5c; oz. 50c.

SINGLE BLUE CORNFLOWER — Pkt. 10c; oz. 50c.

SINGLE PINK CORNFLOWER — Pkt. 10c; oz. 50c.

DOUBLE MIXED CORNFLOWER — Pkt. 10c; oz. 50c.

DOUBLE BLUE CORNFLOWER — Pkt. 10c; oz. 50c.

Coreopsis — Fine for cutting; graceful flowers. Pkt. 5c; oz. 40c.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Dahlia

This strain is a decided advance on the ordinary singles. The plants are of strong, robust habits and produce in great abundance flowers of immense size, of the most bewildering variety of coloring.

**DOUBLE MIXED DAHLIA**—Pkt. 10c; oz. $2.00.

**SINGLE MIXED DAHLIA**—Contains many desirable shades and markings. Pkt. 10c; oz. 75c.

Daisy

They love a shady place and will reward the gardener with a mass of blooms if left undisturbed.

**DOUBLE MIXED DAISY**—Pkt. 10c; oz. $2.00.

**SHASTA DAISY**—Pure white; gigantic; will bloom in six months from seeding. Pkt. 10c; oz. $1.25.

Escholtzia (California Poppy)

A genus of the poppy family. Hardy annuals; height 1 foot.

**MIXED ESCHOLTZIA**—All colors. Pkt. 5c; oz. 30c.

**GOLDEN WEST ESCHOLTZIA**—Flowers 3 to 5 inches across. Bright yellow with orange blotch at base of petals. Pkt. 5c; oz. 35c.

**SALMON BEAUTY ESCHOLTZIA**—A beautiful shade of glorious salmon pink. Very attractive. Pkt. 10c; oz. 45c.

Euphorbia (Snow on the Mountain)

An exceedingly ornamental plant. Used as a background for low-growing plants. The foliage is light green with white margin; 2 feet high. Pkt. 5c; oz. 50c.

Forget-Me-Not

Six inches. Dainty, elegant little plants with graceful flowers, mostly in shades of blue. Mixed—many varieties. Pkt. 5c; oz. 80c.

Foxglove (Digitalis)

Grows to the height of 3 to 4 feet, with dense spikes of brilliantly colored flowers. Mixed colors. Pkt. 5c; oz. 60c.

Four O’Clock (Marvel Peru)

Mixed. The flowers open about 4 o’clock in the afternoon, remaining open all night. Hardy annual; 2 feet high. Pkt. 5c; oz. 25c.

Gaillardia

Blanket flower, showy and excellent for beds or for cutting. Hardy annual, ½ foot high, mixed. Pkt. 5c; oz. 75c.

Globe Amaranth (Bachelor’s Button)

A single plant will produce several hundred flowers. Mixed colors. Pkt. 5c; oz. 35c.

Godecia

An attractive annual; grows 2½ feet in height; produces showy blossoms in all varied colors. Fine as a cut flower.

**TALL CARMINE GODETIA**—Pkt. 10c; oz. $1.50.

**TALL PINK GODETIA**—Pkt. 10c; oz. $2.00.

**GOURDS**

A tribe of climbers with curiously shaped and colored fruit. Tender annual; 10 to 20 feet high. Mixed. Pkt. 5c; oz. 35c.

Gypsophila (Baby’s Breath)

Graceful, free-flowering plant, forming a symmetrical bush, covered with loose panicles of flowers; excellent for cutting and making in bouquets. Pkt. 5c; oz. 25c.

Helichrysum

Hardy annual everlasting flower; large double blooms, called the Straw Flower; mixed colors. Pkt. 5c; oz. 45c.

Heliotrope

A rapid-growing annual climber; mixed; all colors. Pkt. 5c; oz. 25c.

Hollyhocks

Our seeds have been saved from the finest and largest double flowers only, and will produce flowers extremely double and in the best, brightest and most charming colors. Sow in April, May or June for next year’s blooming.

**DOUBLE BRIGHT RED HOLLYHOCK**—Pkt. 10c; oz. $1.50.

**DOUBLE CLEAR PINK HOLLYHOCK**—Pkt. 10c; oz. $1.50.

**DOUBLE PURE WHITE HOLLYHOCK**—Pkt. 10c; oz. $1.50.

**DOUBLE GOLDEN YELLOW HOLLYHOCK**—Pkt. 10c; oz. $1.50.

**DOUBLE MIXED ALL COLOR HOLLYHOCKS**—Pkt. 10c; oz. $1.25.

Ice Plant

A handsome and curious plant for hanging baskets, rock work and vases. The leaves and stems appear as though covered with ice crystals. The flower is white and pink. Pkt. 5c; oz. 50c.

**FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED**
Kudzu Vine  A rapid growing hardy climber of great merit, growing 8 to 10 feet the first season from seed. Flowers are pea-shaped, of a rosy-purple color.

Pkt. 10c; oz. $1.50.

Lantana  The plants form small shrubs, producing in late summer and autumn clusters of single fragrant flowers that change color. Succeeded by green berries that turn to a deep blue. Start under glass and transplant when danger of frost is over. May also be grown in pots. Tender perennial; about two feet high. Finest Hybrids mixed.

Pkt. 10c; oz. 75c.

Larkspur (Annual) For bedding, for growing among shrubbery and as cut flowers, larkspurs are strikingly beautiful. Early spring plantings will give blooms from July till frost, but several plantings are recommended. Transplant 12 inches apart. Height 2 feet, all double flowers.

LA FRANCE LARKSPUR—Very bright pink with large blooms. Pkt. 10c; oz. 60c.

LOS ANGELES LARKSPUR—A pleasing shade of salmon pink. Pkt. 15c; ½ oz. 50c; oz. 75c.

BRIGHT BLUE PERENNIAL LARKSPUR. Pkt. 10c; oz. 60c.

DARK BLUE PERENNIAL LARKSPUR. Pkt. 10c; oz. 60c.

TALL MIXED LARKSPUR. Pkt. 10c; oz. 60c.

FINEST MIXED LARKSPUR. Pkt. 5c; oz. 50c.

Larkspur-Delphinium (Perennial) Stately plants. Their large flower spikes, that are raised freely over the decorative foliage, often reach a length of 2 feet or more. Fine for borders. Start seed early in hotbeds or indoor boxes or sow in August. Transplant when 2 to 3 inches high.

SHELL PINK LARKSPUR. Pkt. 10c; oz. 60c.

SHADY LARKSPUR. Pkt. 10c; oz. 60c.

TALL LARKSPUR. Pkt. 10c; oz. 60c.

LIGHT BLUE PERENNIAL LARKSPUR. Pkt. 10c; oz. 60c.

MIXED COLORS PERENNIAL LARKSPUR. Pkt. 10c; oz. 60c.

Marigold  Hardy annuals, in bloom till frost comes. For packet orders, see Green Ink Price List Enclosed.

ORANGE PRINCE MARIGOLD—Rich deep golden-yellow. Very large. Pkt. 10c; oz. 1.00.

Lemon Queen Marigold—Soft lemon-yellow; a beautiful shade. Pkt. 10c; oz. 1.00.

TALL MIXED MARIGOLD—Immense flowers, double; primrose, lemon, orange and golden shades. Pkt. 5c; oz. 45c.

DWARF MIXED MARIGOLD—Fine for edging and bedding; mixed colors. Pkt. 5c; oz. 50c.

Do Not Delay Ordering until you are ready to use the goods you want. It will prove economical often to anticipate your wants. The loss of time in planting by delays of transportation companies, also advances in prices, should show the wise buyer that it is to his interest to order early.

Mignonette  A well known hardy annual, producing dense spikes of exceedingly fragrant flowers. If sown at intervals in spring and summer, it will bloom until killed by frost.

SWEET MIGNONETTE—Pkt. 5c; oz. 25c.

Moon Flower  A beautiful climber, producing large, sweet-scented flowers 4 to 6 inches across. Tender annual, 15 to 20 feet. Soak seed and plant in warm sunny place.

WHITE MOONFLOWER—Pkt. 10c; oz. 45c.

BONA NOX—Blue Moon Flower. Large and fragrant. Pkt. 10c; oz. 75c.

Morning Glory  A hardy climbing annual, growing about 18 feet high. Flowers exist in a great variety of colors, tints and markings.

CHOICE MIXED MORNING GLORY—All colors. Pkt. 5c; oz. 10c.

JAPANESE MIXED—New Improved Japanese Convolvulus flower, measuring from 4 to 5 inches across; great variety of colors. Pkt. 5c; oz. 10c.

Nigella  Also called Devil in a Bush. Curious-looking flowers and foliage; mixed colors. Pkt. 10c; oz. 25c.

Pansies  These popular flowers are most popular of all flowers, as Nasturtiums. They bloom best in poor soil; the richer the soil the fewer the blooms. Hardy annual.

DWARF CHOICE MIXTURE—A magnificent strain containing countless shades, colors, stripes, blotches and veinings. Pkt. 5c; oz. 10c; ½ lb. 35c; 1 lb. 65c; postpaid.

CHOICE TALL MIXED—Large flowers, the plants producing a profusion of bloom. Pkt. 5c; oz. 10c; ½ lb. 35c; 1 lb. 65c; postpaid.

R.-H. Co.'s Giant Flowered Nasturtium We have put into these mixtures the newest varieties of distinct merit. The colors vary from pearly white to almost black; every intermediate color is represented, giving the richest combination of colors ever offered in Nasturtiums. Hardy annual.

R.-H. Co.'s Giant Flowered Dwarf Nasturtium—Mixed colors. Pkt. 10c; oz. 25c; ½ lb. 1.50.

R.-H. Co.'s Giant Flowered Tall Nasturtium—Mixed colors. Pkt. 10c; oz. 25c; ½ lb. 1.50; 1 lb. $1.00.

Pansies  These popular flowers thrive best on a cool, moist but well drained soil, enriched with well-rotted barnyard manure or fine ground bone. Seeds sown early will produce fine plants for summer blooming.

PANSY, CHOICE—A splendid mixture of many very fine varieties. Pkt. 5c; oz. $1.00.

PANSY (Mammoth Flowering, Mixed)—A special mixture of all the Giant Pansies; very fine colorings; contain an almost endless variety of shades. Pkt. 10c; oz. $1.00.

Portulaca  Also called Rose Moss. Beautiful little plants which will bloom profusely all summer. Their richly colored flowers make an effective and brilliant display when planted in large beds and masses. Hardy annual, ½ foot.

SINGLE MIXED PORTULACA—Double Mixed Portulaca—Packets.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Phlox Drummondii

The annual Phlox occupies first place as a garden annual, being one of the most brilliant and at the same time one of the easiest and most satisfactory plants which can readily be grown from seed. It will grow and thrive in any kind of soil if given a sunny position, but prefers a light, rich loam. Seed may be sown in the open ground any time after danger of frost is past.

**FIREBALL**—Flowers large, blood-red. Pkt. 10c; oz. $1.50.

**SNOWBALL**—Large, clear white flower. Pkt. 10c; oz. $1.50.

**STAR OF QUEDLINBURG**—Large flowers with curiously pointed and toothed blossoms having a star-like form, mixed colors. Pkt. 10c; oz. $1.50.

**CHOICE MIXED**—Contains fine select varieties of this showy annual. Pkt. 5c; oz. 80c.

**MAMMOTH FLOWERING MIXED**—Pkt. 10c; oz. $1.25.

**PERENNIAL MIXED COLORS**—Pkt. 10c; oz. $2.50.

**Pinks (Dianthus)**

**CHINA DOUBLE MIXED**—A beautiful combination of colors. Pkt. 5c; oz. 50c.

**CLOVE PINK PLUMARIS**—The flowers are large, borne in a great variety of colors and markings, with fringed edges; sweet-scented, spicy fragrance. They are excellent, hardy plants. Pkt. 10c; oz. $1.50.

**DOUBLE DIadem**—A most brilliant mixing of colors of bewildering beauty. Pkt. 5c; oz. 80c.

**HEDEWIGH DOUBLE MIXED PINK**—Flowers very large and double and of various shades of brilliant colors. Pkt. 5c; oz. 60c.

**PHEASANT’S EYE OR GRASS PINK**—A single hardy perennial pink with light-colored flowers which have a dark center. Pkt. 10c; oz. $1.00.

**SHIRLEY**—These handsome flowers are single, beautiful in color, from pure white to deep crimson. Pkt. 5c; oz. 35c.

**DOUBLE SALMON PINK**—A showy pink color with double flowers. Pkt. 10c; oz. 5c.

**ORIENTAL POPPY**—Perennial, about 3 feet high, with large conspicuous deep crimson flowers. Pkt. 10c; oz. 75c.

**DESIRABLE PLANTS FOR SHADY LOCATIONS**

Antirrhinum, Canterbury Bells, Coreopsis, Digitalis, Pansies, Poppies (hardy), Aquilegia, Daisies and Delphinium.

**PLANTS FOR BASKETS, VASES, VERANDA BOXES**

Alyssum, Dusty Miller, Centaurea, Lobelia, Nasturtium, Petunia, Coleus, Heliotrope, Panay and Thunbergia.
Mammoth Crimson. Pkt. 10c; oz. $1.50
Mammoth Dark Blue. Pkt. 10c; oz. $1.50
Mammoth Dark Purple. Pkt. 10c; oz. $1.50

Salpiglossis (Painted Tongue) These annuals have showy, large, funnel-shaped flowers mottled, veined, and self-colored. Mixed colors. Pkt. 5c; oz. $1.00.

Sensitive Plant One of the most remarkable

Stocks (Gilliflower) Stocks are handsome plants, with glossy foliage and round large flowers. Mixed colors. Pkt. 5c; oz. 60c.

Sparaxis (Gilliflower)

Stature These plants have showy, large clusters of blooms on graceful stems. Pkt. 10c; oz. 35c.

Statistics Also called Sea Pinks. They are extremely showy, with large clusters of blooms carried on graceful stems. Pkt. 10c; oz. 35c.

Scabiosa (Mourning Bride) A very showy, hardy annual. Fine for cutting and furnishing quantities of very bright blossoms all summer long in varieties of colors. Very easy to grow. Pkt. 10c; oz. 60c.

Salvia or Scarlet Sage A standard bedding and border plant, keeping the garden bright with dazzling scarlet flowers during the summer and fall. Start early indoors, transplanting later in a light rich soil. Soak the seeds before planting.

Clara Bedmans—Flowers of the most brilliant, dazzling scarlet; one of the finest. Pkt. 15c; 4 oz. 75c; ½ oz. $1.25.

Splendens (Scarlet Sage)—The scarlet variety. Pkt. 10c; ¼ oz. 60c; ½ oz. $1.00.

Patens (Blue Sage)—In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but is a beautiful plant for the border. Tender perennials. 2 feet. Pkt. 10c; ½ oz. 75c.

Salpiglossis (Painted Tongue) These annuals have showy, large, funnel-shaped flowers mottled, veined, and self-colored. Mixed colors. Pkt. 5c; oz. $1.00.

Scabiosa (Mourning Bride) A very showy, hardy annual. Fine for cutting and furnishing quantities of very bright blossoms all summer long in varieties of colors. Very easy to grow. Pkt. 10c; oz. 60c.

Sensitive Plant One of the most remarkable

Stocks (Gilliflower) Stocks are handsome plants, with glossy foliage and round large flowers. Mixed colors. Pkt. 5c; oz. 60c.

Stature These plants have showy, large clusters of blooms on graceful stems. Pkt. 10c; oz. 35c.

Scabiosa (Mourning Bride) A very showy, hardy annual. Fine for cutting and furnishing quantities of very bright blossoms all summer long in varieties of colors. Very easy to grow. Pkt. 10c; oz. 60c.

Salvia or Scarlet Sage A standard bedding and border plant, keeping the garden bright with dazzling scarlet flowers during the summer and fall. Start early indoors, transplanting later in a light rich soil. Soak the seeds before planting.

Clara Bedmans—Flowers of the most brilliant, dazzling scarlet; one of the finest. Pkt. 15c; 4 oz. 75c; ½ oz. $1.25.

Splendens (Scarlet Sage)—The scarlet variety. Pkt. 10c; ¼ oz. 60c; ½ oz. $1.00.

Patens (Blue Sage)—In color this is as blue as the "Scarlet Sage" is red; unlike the latter, however, it is not useful for bedding, but is a beautiful plant for the border. Tender perennials. 2 feet. Pkt. 10c; ½ oz. 75c.

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Stature These plants have showy, large clusters of blooms on graceful stems. Pkt. 10c; oz. 35c.
RUSSELL-HECKLE'S TOP NOTCH ZINNIAS

Few garden annuals are more thoroughly satisfactory than Zinnias, particularly since in recent years greatly improved, larger flowering and more brilliantly colored strains have been developed. Plant early in rows 1 1/2 to 2 feet apart and cover the seeds about 1/4 inch deep, or start indoors and transplant outside when the ground is warm. Zinnias can be sown as late as July and they will produce fine large flowers in the fall.

**R.-H. Co.'s GIANT ZINNIAS**

In this strain of Zinnias we have a flower of perfect form, round, full, double and immense in size. The individual plants form large bushes and bear above the foliage numerous flowers on long, stiff stems, which makes them valuable for cutting and will render them a favorite wherever tried. The plants grow 2 1/2 to 3 feet high, while the flowers often measure 6 to 6 inches across.

Price, any of the following varieties uniform, as follows: Pkt. 10c; 3 pkts. 25c; 1/2 oz. 50c; oz. 80c; postpaid.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt. 10c</th>
<th>1/2 oz. 50c</th>
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<tr>
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<td>GIANT PINK</td>
<td>GIANT MIXED</td>
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**SPECIAL OFFER**

One 10c pkt. of each of above 10 varieties, only 60c.

One 1/2 oz. pkt. of each of above 10 varieties, only $2.75; postpaid.

**California Giant Zinnia**

Still another new type, larger and a cross between the Colloidal and Dahlia-Flowered Zinnia. Price: Any following varieties, pkt. 15c; any four pkts, 50c; 1/2 oz. $1.00; oz. $1.75; parcel post paid.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt. 15c</th>
<th>1/2 oz. 75c</th>
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<td>CALIFORNIA G. MIX</td>
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**SPECIAL OFFER**

One packet of each of above seven California Giant Zinnias, only 70c; postpaid.

**Lilliput or Pompon Zinnia**

These are an improvement over the Dwarf Zinnia. The plant is robust but dwarf, growing only about 1 foot in height, bearing in profusion densely double pompon shaped blooms.

<table>
<thead>
<tr>
<th>Variety</th>
<th>Pkt. 15c</th>
<th>1/2 oz. 75c</th>
<th>oz. 1.25</th>
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<td>SALMON ROSE</td>
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<td>MIXED LILPUP</td>
<td>Pkt. 10c; 1/2 oz. 60c; $1.00</td>
<td>Postpaid</td>
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**R.-H. Co.'s Double Dahlia-Flowered Zinnia**

The latest development in Zinnias, bearing flowers of mammoth size and in form like a perfect decorative Dahlia. They are just as easy to grow as the Mammoth Zinnia, and the large flowers with their beautiful range of colors are simply indescribable.

Price of any of the following 12 varieties of Dahlia-Flowered Zinnias: Pkt. 15c; 6 pkts. 75c; 1/2 oz. $1.00; 1 oz. $1.75; postpaid.

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<th>Variety</th>
<th>Pkt. 15c</th>
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**GOLDEN STATE**—Rich golden-yellow, shading to orange as the flower opens.

**ILLUMINATION**—Very bright red, large and showy.

**OLD ROSE**—A beautiful dark salmon-red or old rose.

**ORIOLE**—An immense orange and gold bi-color. A very unusual and beautiful variety.

**POLAR BEAR**—Extra large pure white; no other variety will equal same.

**PURPLE PRINCE**—Fine deep purple, large and well formed. New color in Dahlia type Zinnias.

**SCARLET FLAME**—A large, beautiful, bright scarlet with a blending of orange throughout the petal.

**DOUBLE PICOTEE ZINNIA**

Price of any of the following 12 varieties of Dahlia-Flowered Zinnias: Pkt. 15c; 6 pkts. 75c; 1/2 oz. $1.00; 1 oz. $1.75; postpaid.

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<tr>
<th>Variety</th>
<th>Pkt. 15c</th>
<th>1/2 oz. 75c</th>
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**CROWN O' GOLD MIXED ZINNIA**

This new Dahlia-Flowered Zinnia is simply indescribable. Each petal of the flower is overlaid with a deep golden yellow at the base, while carrying out the individual flower color at the tip. The effect is a pleasing two-tone color harmony, especially lovely and scintillating under artificial light. The color range comprises the more popular shades, including old rose, cream, yellow, carmine, pink and burnishing red, the latter a new shade in Zinnias.

To those seeking the latest and best introduction in Zinnias we highly recommend Bodger's New Crown o' Gold Mixed Zinnia.

Pkt. 25c; 1/4 oz. $1.00; 1/2 oz. $1.50; 1 oz. $2.50; postpaid.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED.
R.-H. Co.’s SWEET PEAS

CULTURE—Sow in January, February, March or April. Cover seed 2 to 4 inches, according to depth of your trench. The soil for Sweet Peas should be rich and deep, with Pulverized Sheep Manure in it. On high and dry soils they may be sown in drills from 4 to 6 inches deep, covered with an inch or two of soil pressed firmly, and the furrow filled in as the plants grow. When the plants are well above the ground, they should be thinned out so as to be at least from 2 to 4 inches apart.

MIXED COLORS SWEET PEAS

R.-H. Co.’s Mixed Giant Spencers They represent the highest achievement in the shades of early flowering Spencers. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $1.75; postpaid.

Early Flowering Mixed Spencers A rare combination containing all the shades of early flowering Spencers. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $3.00; postpaid.

Cupid Mixed These form a line of emerald-green foliage a little over a foot wide and six inches high. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $1.75; postpaid.

Perennial Mixed The plants are hardy and will live for years, but the flowers have not the fragrance of the annual Sweet Peas. These come mixed in shades of red and white only. Pkt. 10c; oz. 50c; ½ lb. $1.50; postpaid.

INOCULATE SWEET PEAS

Be sure to inoculate the Sweet Pea seed before planting. The flowers will be larger and the stems will be longer. Per package, enough for 1 lb. of seed, 25c, postpaid.

SPENCER SWEET PEA COLLECTION

10 Cloors

RISE CHEER—Very large flower, a beautiful begonia rose color. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $1.25.

GOOD CHEER—Very large flower, a beautiful begonia rose color. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $1.25.

MIXED COLORS SWEET PEAS

Separate Colors—Large Flowering This group includes the largest and most beautifully formed Sweet Peas. The Spencers have very large, waved flowers, which are produced abundantly on long, strong stems, making the blossoms most desirable for cutting. All the following prices are postpaid:

AUSTIN FREDERICK IMPROVED—A giant lavender shade. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

BARBARA—A superb salmon shade. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

CONSTANCE HINTON—Very fine pure white. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

COUNTESS—Bright, clear pink. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

CAMPFIRE—Rich, deep red. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

DOBBIES CREAM—Deep cream color. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

FIERY CROSS—Intense deep scarlet. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

GOOD CHEER—Very large flower, a beautiful begonia rose color. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $1.25.

HEBE—Giant Rosy Pink. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

HEAVENLY BLUE—Deep silver blue. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

KING WHITE—One of the best whites. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

MRS. TOM JONES—Bright blue. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

MISS CALIFORNIA—One of the finest pinks. Pkt. 10c; oz. 25c; ½ lb. $1.00; 1 lb. $3.00.

M ary Pickford—Salmon-pink; good. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $3.00.

OLYMPIA—Rich purple. Pkt. 10c; oz. 25c; ½ lb. $1.00; 1 lb. $3.00.

PINKIE—Large size Rose-pink. Pkt. 10c; oz. 25c; ½ lb. $1.00; 1 lb. $3.00.

PRINCE OF ORANGE—The deepest orange. Pkt. 10c; oz. 25c; ½ lb. $1.00; 1 lb. $3.00.

ROYAL PURPLE—Very deep purple. Pkt. 10c; oz. 25c; ½ lb. 75c; 1 lb. $2.25.

SUNKIST—Large cream with picotee edge of rose. Pkt. 10c; oz. 25c; ½ lb. $1.00; 1 lb. $3.00.

SPECIAL OFFER

One packet of each of the following 10 Spencer Sweet Peas, value $1.00, sent postpaid for only 70c.

R.-H. CO.’S EARLY FLOWERING SPENCER SWEET PEA COLLECTION

Six 20c Packets Only 85c

1—20c pkt. EARLY FLOW. ALAMEDA. Deep rose-pink
1—20c pkt. EARLY FLOW. AMETHYST. Rich royal-purple
1—20c pkt. EARLY FLOW. BLUE BIRD. Attractive shade of blue
1—20c pkt. EARLY FLOW. BURPEE’S ORANGE. Deep orange
1—20c pkt. EARLY FLOW. HARMONY. Clear lavender
1—20c pkt. EARLY FLOW. SNOW STORM. Pure white
1—20c pkt. EARLY FLOW. VULCAN. Most vivid scarlet
1—20c pkt. EARLY FLOW. YARROWA. Rose-pink
1—20c pkt. EARLY FLOW. ZVOLANEK’S PINK. Clear, showy pink
1—20c pkt. EARLY FLOW. ZVOLANER’S ROSE. Bright rose-pink

NAMED OR SEPARATE COLOR

Early Flowering Spencer Sweet Peas These are the best of the early flowering Spencer Sweet Peas. All have long stems and bloom two to three weeks earlier than the standard or late Spencer. Price uniform, any of the following 10 varieties: Pkt. 20c; 2 pkts. 35c; oz. 60c; ¼ lb. 90c; ½ lb. $1.75; postpaid.

1—10c pkt. ROYAL PURPLE. Deep rose-pink
1—10c pkt. AUSTIN FREDERICK. Lavender
1—10c pkt. CAMPFIRE. Bright red
1—10c pkt. Dobbies CREAM. Deep cream
1—10c pkt. HEBE. Bright rose
1—10c pkt. KING WHITE. Pure white
1—10c pkt. MISS CALIFORNIA. Bright pink
1—10c pkt. PINKIE. Rose pink
1—10c pkt. PRINCE OF ORANGE. Deep orange
1—10c pkt. ROYAL PURPLE. Deep purple

Total, ten 10c pkts., value $1.00, sent postpaid for only 70c.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

SPECIAL OFFER

One packet of each of the 20 named Late Spencer Sweet Peas, above, retail value $2.00, sent postpaid for only $1.35.
Russell-Heckle’s Farm Seeds

Top Notch Quality Seeds Mean Better Crops

The most vital need of those who depend for their living on the products of the soil is pure seed, not mixed with noxious weed seed, and of high germinating quality. Our Top Notch brand was originated to designate seed stocks filling just that need, and their dependability is responsible for their popularity.

Top Notch brand on the seed you plant means bigger crops and more profit to you. To use it means satisfied customer who tells their friends about us, which in turn means more friends for us. It’s an endless chain, and Top Notch Seed form the links.

Alfalfa

The crop that pays constant dividends, and at the same time builds soils.

Alfalfa is one of the few crops that cannot be overproduced. It stands for years, yields several cuttings a season and makes a hay about as high in protein as wheat bran; it more nearly approaches perfection as a forage crop than any one other crop. When fed with a grain ration, it supplies the protein necessary for a balanced food. For dairy, breeding and fattening cattle, hog, and sheep, it is the ideal hay. As a soil builder, it is claimed that it adds more than twice as much ammonia or nitrogen to the soil as red clover. Alfalfa does not ask the farmer to buy expensive nitrogen, but gets all it needs from the air and stores it in the land to make bigger the crops that follow it.

CULTURE—The seed may be sown broadcast or in drills and covered one inch. If sown broadcast, use 20 to 25 pounds of seed per acre. Sowings made in the Spring, March and April, or in the Fall, September and October, are successful.

PREPARATION OF SOIL—Good loam or clay soil with natural or artificial drainage, with no hardpan underneath, will grow Alfalfa when properly prepared, and proper and thorough preparation is a prime necessity for a uniform heavy stand. Where the soil is acid, and that is the case in most instances, liming is necessary.

INOCULATION—Be sure to inoculate the seed with Russell-Heckle’s Top Notch Culture or Nitragin; complete directions sent with these cultures.

FERTILIZING—Use 2,000 pounds of ground limestone, 200 pounds of Bone Meal and 200 pounds of pulverized Sheep Manure, broadcast, to each acre. Applying a coat of well-rotted stable manure will be beneficial. If you have tried Alfalfa, and it died out, it was on account of the need of these fertilizers. On old Alfalfa meadows use 200 pounds of Agricultural Gypsum Land Plaster to the acre, broadcast. It stimulates quicker growth, producing a greater tonnage of hay. The cost of inoculation per acre is so small that the increased yield will repay it many times.

For Quantity Prices: See Green Ink Price List Enclosed.
much more resistant to dry weather and comes through a drought when common Lespedeza burns up. Kobe flowers in August and September and ripens the seed in early October. An excellent variety for pasture and hay and a great improvement over the common Lespedeza. 1 lb. 50c; postpaid.

Korean Lespedeza A new variety and the earliest of the annual Lespedezas. It comes up early in the spring and grows rapidly, furnishing much earlier pasture than any other variety. The leaves are larger than common Lespedeza, and more rounded. Begins flowering in July, the flowers crowding near the ends of the branches, as distinguished from other varieties, which have flowers scattered along the stems. Korean is especially suited for a short growing season. The seed ripens in September. 1 lb. 50c; postpaid.

Common Lespedeza or Japan Clover Grows practically anywhere. Once started it soon spreads and makes a steady growth of the finest and most nutritious pasturages, much relished by all stock. It should be planted at the rate of one bushel to the acre, during February and March, or even as late as April and into May. Sow it broadcast on growing grain if you like. If sown on sod, the land should first be scarified with a disk harrow in order to give the seed a good seed bed. Many customers broadcast Lespedeza in February and March on both wheat and fall-sown oats. It will then make good hay in late summer. 1 lb. 50c; postpaid.

Alikes or Swedish Clover A like Clover grows thicker and is finer in growth than Red Clover, making better hay and probably more and better grazing. It is also harder, resisting extremes of heat and drought, and also severely cold weather to a remarkable extent. It succeeds on a variety of soils, light upland loamy lands as well as stiff, wet bottom lands. 1 lb. 40c; postpaid.

Burr Clover Sown in July, August and September. Makes superior pastureage, fair hay, and grows on any thin land, and if turned under the following spring, acts as a splendid fertilizer. Sow 20 pounds of burrs to the acre. Price quoted on application.

Tennessee Station No. 76 Lespedeza This variety is similar to the common or wild variety, except that it is taller and more upright in growth, holding all the branches off the ground, even when the plants stand alone. It is finer stemmed than either Korean or Kobe, and grows to the height of nearly three feet under favorable conditions. It blooms slightly later than Kobe and considerably later than Korean or common. It remains green until killing frost, furnishing excellent pasture after the others have lost their leaves. This variety is valuable for its large amount of excellent hay produced, and its very late pasture possibilities. It usually makes more than enough seed for resowing the ground, and on thin soils, several bushels more. The hay yields made on the West Tennessee Experiment Farms are larger than those of the other varieties. 1 lb. 50c; postpaid.

Kobe Lespedeza A new and improved type of Lespedeza which grows much ranker and has larger leaves and slightly coarser stems. It has been known to grow 38 inches tall, but usually about 2 to 3½ feet. Possibly due to its rank growth, completely shading the ground and thus retaining moisture, it is more resistant to dry weather and comes through a drought when common Lespedeza burns up. Kobe flowers in August and September and ripens the seed in early October. An excellent variety for pasture and hay and a great improvement over the common Lespedeza. 1 lb. 50c; postpaid.

Red Clover This is regarded as the most valuable of the Clover family. It has equalled the June Clover and is a dependable all-round variety for farmers and stockmen. It makes two crops each year. The first is usually cut when it is in blossom for hay; the last crop may be harvested for seed, cut for hay or plowed under to build up the soil. Sow in March or April, broadcast 10 pounds of seed to the acre. Sowings can also be made in February, either on the snow or oat stubble or with wheat. 1 lb. 45c, postpaid.

White Sweet Clover or Melilotus As a land builder it has few equals. Does well on soils containing lime. It resembles Alfalfa both as to appearance and habit of growth when young; however, it grows much larger than Alfalfa, often 4 to 6 feet high. It is valuable in the bringing up of old, waste and worn-out soils and thrives well even on extremely poor soils. If plowed under it adds humus and nitrogen to the soil, or if simply left to grow up and drop back for a few years the decaying stalks and roots will do wonders for the land. The deep roots break up, aerate and drain stiff subsols and add humus. Its feeding value is high, about equal to Alfalfa. Valuable as a pasture and, in spite of its bitter taste, stock learn to like it. Sow early in the spring or fall at the rate of 15 to 25 pounds per acre. 1 lb. hulled and scarified seed, 35c; postpaid.

Yellow Blossom Sweet Clover The Yellow Blossom type is very similar to that of the White Blossom, but is not nearly so valuable as a nitrogen or humus builder and is more especially adapted as a hay or pasture. For those who wish to use Sweet Clover for pasture, hay and bee purposes, we would advise the use of the Yellow Blossom type. 1 lb. 35c; postpaid.

Mammoth or Sapling Clover Very much like the common Red Clover but larger, heavier and later. Recommended for thin soils. Sow 10 to 12 pounds to the acre. 1 lb. 50c; postpaid.

White Dutch Clover White Dutch Clover is used principally for lawns, a small proportion in permanent pasture often fills up many a bare spot and produces valuable grazing for all kinds of livestock. It is very hardy and will thrive on almost any soil. Sow either in the spring or fall. When sown by itself, sow 5 to 6 pounds per acre. 1 lb. 55c; postpaid.

Crimson Clover Makes excellent green forage, or if cut in bloom will make good hay. Especially valuable for improving the soil, making a quick, heavy and very valuable crop for plowing under. Sow 15 pounds to the acre from July to November. 1 lb. 35c; postpaid.

Black Medic A species of Clover from Georgia that is becoming recognized as a legume especially adapted to follow under for green manure. Grows all during the winter and is just the thing to build up run-down soil and will improve the yield of crops that are planted on the land the following spring. Sow in March, 15 to 20 lbs. per acre. 1 lb. 45c; postpaid.

Hop Clover This is a low-growing, creeping type of clover, somewhat similar to White Dutch but an annual. Fine for mixtures and pasture. Comes first in the spring. Sow in February, 8 to 10 lbs. to the acre. 1 lb. 45c; postpaid.
How to Plant

In planting grass seeds, the land should first be thoroughly cultivated and pulverized. This may then be scattered by hand or harrow with a hand seeder, such as described in this catalogue. A harrow or rake should then be used, which will mix the seed with the soil so they will be covered about one-quarter inch deep. If not convenient to sprinkle, the planting done when there is a good season in the ground, and land rolled or dragged after harrowing. Treat the seed with a suitable fungicide, and make a bountiful green carpet lawn, or grazing until the season ends; but remember to leave grass for hay or pasture.

Red Top or Herd's Grass

This grass lives excellent pasturage and good crop fine quality hay, and succeeds on a greater variety of soils than any other in general use. The place for Red Top is on rather moist soil, deficient in lime and fertility. It will grow where the soil is too poor for Timothy and Kentucky Blue Grass. It is a good variety to use in this section for levee work and pasture. It is a small, creeping grass, 6 to 24 inches high. These continuous new crops of stems, 6 to 24 inches high, will in a short time stop washing, leaching and soil erosion—on the same time producing bountiful grazing under the most adverse conditions on soils uncultivatable and otherwise useless. It's not a PEST like Bermuda or Johnson grass, and one cultivation or turning under eliminates it. Besides this, it can readily be sown over other grasses, and its hay cures beautifully and bright with 24 hours sunning, and runs 1% in protein. 1 lb. 50c, postpaid.

Bermuda Grass

Bermuda is a southern grass. It delights in sunshine and warmth. It is extensively used in this section for leasew work and pasture. It is a small, creeping, hardy perennial, which thrives on nearly all our soils, even growing on many of our poorer, thin, sandy soils, though like other grasses it gives better results on richer soils.

The seed should be planted in April, May or June. Seed requires 29 to 39 days to germinate. The ground should be well prepared with a good firm seed bed, as the seed is small and is seeded broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm. 1 lb. 60c, postpaid.

Our Permanent Grass Mixtures

are composed principally of grasses which ripen together for cutting; but they also contain some other grasses, which will also add very much to the pasture yield, in case it is desired to use the fields for pasture. These grass mixtures afford splendid crops of hay of the finest quality and highest feeding value, and after a break, will give continuous and abundant pasturage till the season closes. May be used for hay exclusively, or for hay and pasture as needed.

Sudan Grass (A Wonderfully Quick-Growing Summer Hay Grass)—Yields two or more cuttings a season. Makes a bigger and better crop than Millet. It is sown after the first cutting. Sow at rate of 30 pounds to the acre, and makes a bigger and better crop than Millet. It is sown after the first cutting. Sow at rate of 30 pounds to the acre, and makes a bountiful green carpet lawn, or grazing under the most adverse conditions on soils uncultivatable and otherwise useless. It's not a PEST like Bermuda or Johnson grass, and one cultivation or turning under eliminates it. Besides this, it can readily be sown over other grasses, and its hay cures beautifully and bright with 24 hours sunning, and runs 1% in protein. 1 lb. 50c, postpaid.

Timothy

Twelve to 15 pounds to the acre. As a crop for hay, Timothy is probably unsurpassed by any other grass. The largest crops of hay are raised on rich land. It is not suited for light, sandy soil as well as some other grasses. 1 lb. 20c; postpaid.

Dallas Grass

Sow eight to ten pounds to the acre. Has given splendid results in the South. It is an ideal grass for dairy farmers, as it produces enormous quantities of green, juicy feed during the hottest weather. Germinates slowly and requires from 2 to 4 weeks of warm, moist weather to sprout. Plant from November to March, 1 lb. 70c, postpaid.

Russell-Heckle's Pasture and Grass Mixtures

PERMANENT GRASS MIXTURE No. 1—For Hay or Pasture; recommended for light, loamy or medium upland, for either hay or pasturage purposes. Composed of Orchard Grass, Perennial Rye Grass, Tall Meadow Oat Grass, Red Clover, Alfalfa, etc. These Grasses mature and ripen together, making a splendid hay. Sow 6 to 8 pounds to the acre. 1 lb. 30c, postpaid.

PERMANENT GRASS MIXTURE No. 2—Intended for good moist soils, also for grazing as well as hay. Sow 20 pounds per acre. This mixture is composed of Red Clover, Red Top Grass, Orchard Grass, Alsike Clover, Rape, etc. This will help you to carry your hogs through the summer and fall at small cost. Sow in February, March and April, and also fall, at rate of 20 lbs. per acre. 1 lb. 30c, postpaid.

PESTICIDE MIXTURE—Especially prepared for pasturing hogs. Composed of Red Clover, Red Top Grass, Orchard Grass, Alsike Clover, Rape, etc. This will help you to carry your hogs through the summer and fall at small cost. Sow in February, March and April, and also fall, at rate of 20 lbs. per acre. 1 lb. 30c, postpaid.

Chicken Pasture Mixture—A splendid mixture of grains, clover and grasses for green feed for chicken runs. Sow in February, March and September at the rate of 30 pounds to the acre. 1 lb. 20c.

Bermuda Grass

This grass is especially adapted to the climate and soils of the South. It is a small, creeping, hardy perennial, which thrives on nearly all our soils, even growing on many of our poorer, thin, sandy soils, though like other grasses it gives better results on richer soils.

The seed should be planted in April, May or June. Seed requires 29 to 39 days to germinate. The ground should be well prepared with a good firm seed bed, as the seed is small and is seeded broadcast at the rate of ten pounds per acre. Do not cover more than half an inch. The seeding should not be done too early, as the seed will not germinate if sown before the weather and ground become warm. 1 lb. 60c, postpaid.

Russell-Heckle's Grass Seeds

A Good Hay Crop Ready to Harvest

Russell-Heckle's Grass Seeds

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Evergreen Lawn Grass

If the soil is shallow, procure a supply of fine mold and spread on the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 60 or 75 pounds to the acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and every week or so thereafter until the grass has become firm. Eradicate weeds whenever they appear, without disturbing the grass. Should bare spots appear, rake the surface and sow more seed.

Spade or plow ground to the depth of 8 inches. Afterwards harrow or rake carefully, pulverize all lumps and remove all large stones. If the soil is shallow, procure a supply of fine mold and spread over the surface to a depth of 5 inches. Soil may be enriched by bone meal or well-rotted manure wherever necessary, then rake level and roll the soil well to make a solid bottom. Scatter the seed evenly over the surface at the rate of 60 or 75 pounds to the acre. Rake seed in and roll, water regularly and carefully, as the soil is liable to dry out in the heat of the day, and if it does while the seed is germinating it will invariably perish. When the grass is 3 inches high it should be cut and rolled, and every week or so thereafter until the grass has become firm. Eradicate weeds whenever they appear, without disturbing the grass. Should bare spots appear, rake the surface and sow more seed.

HOW MUCH SEED TO SOW

You cannot sow too much; the more the better; it means a quicker, more satisfactory and lasting result. We recommend, on new ground, for average mixtures, to sow as follows: One pound on 200 square feet (10 x 20); 6 pounds on 1,200 square feet (20 x 60); 15 pounds on 3,000 square feet (50 x 60). A good rule is to figure one pound for each 200 square feet. For renewing old lawns use one pound to 400 square feet (20 x 20).

Russell-Heckle's Sunny Spot Lawn Grass

This mixture is the result of a close and intimate study of grasses suited to lawn making and such as are adapted to Southern soils and climate. Every grass suitable for lawn making will not stand the extreme heat and drought so often experienced in the South, so in selecting grasses for the mixture we have taken only those that will give a velvety green lawn under the most trying conditions of summer heat and drought when lawns often become brown and parched. 1 lb. 60c; postpaid.

Bermuda Grass

This variety is strictly a hot weather grass and is the only kind that will withstand the hot sun in the summer time. Sow in the spring of the year, when the ground is warm. The grass should be sown in the fall, or any time in the summer, using one pound of seed to a space 10 by 50 feet. A beautiful green lawn can be obtained from the seed much cheaper than by sodding. Landscape men and those who have charge of golf links appreciate this and have almost entirely ceased using sod, as a more even turf can be obtained from the seed than by sodding. The seed will germinate very readily when the weather is warm by sprinkling every day, as plenty of water is necessary. 1 lb. 45c; postpaid.

Rye Grass

For winter lawns. This grass is becoming more popular each year. When sown in the fall, which is the proper season, Domestic Rye Grass remains green all through the winter. Sown on top of Bermuda in October or November. Mix 1 pound of Rye Grass seed with 5 pounds of pulverized Sheep Manure for 10 x 20 feet, or 200 square feet. Requires approximately 200 pounds to seed an acre. Domestic Rye Grass is also adapted for pasture, as it is not easily injured by tramping. For pasture sow 50 pounds to the acre in October or November. 1 lb. 25c; postpaid.

Fertilizing Lawns

Nothing will give a lawn the rich, deep green, velvety appearance so much admired by a liberal dressing of good fertilizer especially prepared with that in view, and we have several which we recommend for the lawn, among the best of them being Vigoro and Nitrophoska.

Renewing Old Lawns

A lawn can be kept thick and is stirred with a sharp rake and more seeds sown. This should be done just after the grass has been cut, or during a rainy spell. If rolled immediately after sowing, the seeds will be better covered. Every spring and fall fresh seeds should be sown over the lawn to fill in bare spots and thicken the growth.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
GROHOMA

This new forage and grain crop, after thorough trials the past season, was found very satisfactory. Stock of all kinds like it—indeed, they eat every particle of the stalk, leaves and head. It is rich in protein and fat. Plant from April 1st to July 1st in good soil. Make rows 4 feet apart, drop seed 12 inches. Since it stools considerably, very little seed is required. Sow 2 pounds to the acre.

SPECIAL WARNING ON SORGHUM CANE

NON-WARRANTY—Owing to the peculiar hybridization of syrup cane varieties, it is impossible to guarantee any of the varieties here listed. We have selected all the syrup cane varieties on our list with best possible care, but at the same time do not guarantee that they will come true.

All orders for syrup cane varieties are therefore accepted only on these conditions.

GROHOMA Heads

Grohoma is claimed to stand drouth; however, the past season we had no dry weather to give it that test. Anyway, it will pay you to plant as many acres as you wish, since the returns during the past summer were all that could be expected.

CULTURE—Plant when the ground becomes thoroughly warm, say two weeks after corn planting, on a rich, well drained clay loam, in rows 3/4 to 4 feet apart, and cultivate as you would corn. After the flowering stage is passed, but not earlier, it may be pastured or cut for fodder. Sorghum may be grown with cow peas and soy beans either in rows or broadcast.

SORGHUM

Harvesting the Crop—It can be harvested with a corn binder, binding into bundles, cutting the stalks and saving the wonderful, nutritious foliage of many tons to the acre. Set up in small shocks and when thoroughly dry, thresh with an ordinary threshing machine as you would wheat or oats. The fodder can be fed to stock, cattle, fattening cattle or dairy cows. A wonderful milk producer.

The crop can also be harvested by cutting the spike heads off at the time of maturity and threshed with a threshing machine, after which the fodder can be cut with a corn binder and fed as a bundle feed or shredded up with a threshing machine, as you might prefer.

Grohoma will make sorghum, but the plant or stalk should be left to mature, which will be when the head or grain is well filled and dried out. At that stage cut the stalks, strip them, and carry to the cane mill. Grohoma will turn out 24 per cent juice.

Price of selected, well-cleaned seed from main heads, 1 lb. 35c; postpaid.

Feterita

Three or four weeks earlier than Kaffir Corn. It is the most drought-resisting of any of the sorghum family. Sow in April or May, in drills, 5 pounds to the acre. 1 lb. 20c; postpaid.

Yellow Milo Maize

A wonderful drouth-resistant, non-saccharine sorghum that makes a thick succulent growth of nutritious milk-producing forage. For fodder and ensilage, cut when in the dough stage; at this stage it has a feeding value practically equal to corn. Any good corn land will bring Milo Maize either for green feed, dry fodder or for the grain. It grows on all soils from sandy to heavy clay loam. Plant in 3 1/2-foot rows after the ground is thoroughly warm, and give it the same cultivation you would corn. Six to eight pounds will plant an acre. 1 lb. 20c; postpaid.

Schrock Kaffir Sorghum

A comparatively new grain used for forage and ensilage, as it is quite sweet and grows an abundance of broad, long leaves. Excellent stock and poultry feed. Drill at the rate of 6 pounds per acre. 1 lb. 25c, postpaid.

White Kaffir Corn

Kaffir Corn yields heavy crops. It adapts itself to a wide variety of soils; a long dry spell may stop its growth, but it starts again with the first rain. The grain as well as the plant makes fine feed for stock, hogs, poultry and pigeons. With Grohoma, you broadcast one peck of Kaffir Corn to a bushel of peas; sow alone, 3 pecks to a bushel broadcast an acre; in drills 6 to 8 pounds plants an acre in 3 1/2-foot rows. Plant from after the ground is thoroughly warm till early in June. 1 lb. 20c; postpaid.

Red Kaffir

Grows taller than the white; stalks slender, juicy and very leafy. Ripe earlier than that of the white and yields much heavier. 1 lb. 25c; postpaid.

Egyptian Wheat or Shallu

The heads are large and heavy. It makes hens lay better than any poultry food. Plant in drills 3 feet apart, using ten pounds of seed per acre, or broadcast, using from 15 to 4 bushels. 1 lb. 30c; postpaid.

QUANTITY PRICES—See Green Ink List enclosed for quantity prices on Sargain, Sorghum Seed, etc.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
**SARGRAIN**

Grows on land you can't plant to other crops; thrives in low places that usually drown out. Produces from 8 to 20 tons silage, or if left to ripen will produce from 30 to 75 bushels grain, and 4 to 8 tons cured hay; has heads like Kaffirs. Usually weighs about 7 ounces and the average ear corn weighs 8 ounces. In feeding value has 90% value of corn; can be fed to hogs, chickens, cattle and work stock. Plant as early in the spring as frost will allow. Will then be ready to harvest when crops are laid by, usually along about the 1st of August.

**Dwarf Essex Rape**

A quick and cheaply grown pastureage for sheep, hogs, cattle and poultry. Ready in 6 to 8 weeks from sowing.

**CULTURE**—Sow it as early as possible; late March or early April is not too late; 3 to 4 pounds plant an acre in drills; 6 to 8 pounds broadcast. 1 lb. 25c; postpaid.

**HAND CORN PLANTERS**

Especially desirable for replanting corn, etc. Both styles, either the one-hand or two-hand planters are accurate, strong, and durable. They can be set to plant two to six grains in a place as required; simple and easy to operate. Price, one-hand planter, $1.75 each; two-hand planter, $2.25 each, f.o.b. Memphis.

**SEED PEANUTS**

**IMPROVED WHITE VIRGINIA**—These are uniformly large, and when grown on light sandy land will produce nuts of that bright, attractive appearance demanded by the best trade. 1 lb. 25c; postpaid.

**TENNESSEE LONG RED**—Especially adapted to this section. The nuts contain three large kernels in each and are enormously productive. 1 lb. 25c; postpaid.

**SPANISH PEANUTS**—Although not as large as other kinds, there is no peanut grown that so entirely fills the pod nor can compare with it in sweetness and flavor. 1 lb. 25c; postpaid.

**VALENCIA PEANUTS**—The pods are large, well filled, usually containing three or four nuts, and of such handsome appearance that they find ready sale at top prices. 1 lb. 35c; postpaid.
Laredo Soy Beans

At last the ideal Soy Bean for the entire South seems to have been developed. The Laredo matures reasonably early, does not shatter out badly and will make a crop under conditions that would spell ruin to Cowpeas or other Soy Beans. Yields of almost one bushel per acre have been realized. A half-inch is better. One or two cultivations to keep down the grass and weeds is advisable. The Delta Experiment Station reports splendid results from sowing Laredo March 25th to April 10th with a wheat drill on oats planted previous fall. This drill helped instead of hurting the oats, and the beans were not large enough when the oats were harvested to interfere with the binder. Sow seed broadcast at rate of one bushel per acre; when sown in drills sow about 1 gallon or 2 gallons per acre. Qt. 40c; postpaid.

Virginia Soy Beans

On account of its abundant growth and large yield of beans the Virginia makes most excellent hay and ensilage. As it is about 20 days earlier than Mammoth Yellow, it can be grown farther north and throughout the corn belt. The vines make a fine growth, are filled with pods, standing about 3 feet high, are easy to cut and easy to cure. The stems being fine and the leafage profuse adapts it particularly well for hay making; sow broadcast one and one-half bushels to an acre; in drills ½ bushel to an acre. Qt. 35c; postpaid.

Biloxi Soy Beans

An upright variety growing 4 to 5 feet high, covered with a dense mass of foliage that does not shed easily. It should be planted in rows 3 to 5 feet apart, plant with corn for silage. It is erect in growth, having no runners to wrap up everything in sight. It yields of bean hay; sow seed in May for early growth, having no runners to wrap up everything in sight. It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Sows grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1½ bushels of seed to the acre. Qt. 35c; postpaid.

Mammoth Yellow Soy Beans

The latest, yet the most extensively grown for both beans and forage, both of which it yields in greater abundance. It grows more than three feet high, is erect in growth and can be cut with a mower. Valuable for both beans and forage. Mammoth Yellow is one of the largest growers among Soy Beans, and the most widely grown variety and excels in yield of bean hay; sow seed in May broadcast at the rate of two bushels to the acre; when planted in drills use ½ bushel of seed to the acre. Qt. 35c; postpaid.

Mammoth Brown

A fine big foliage variety, succeeds well in this section; won't shatter. The plant is upright, with heavy branches; a big yielder of beans and foliage. Does well on all soils. It is a medium early variety; matures its beans in about 110 days.

The Mammoth Brown Soy Bean, like other varieties, is high in protein content, and the hay is equal to alfalfa. They make wonderful ensilage when grown with corn, and are also excellent for hog pasture. We recommend this variety to be one of the best to plant with corn for silage. It is erect in growth, having no runners to wrap up everything in sight. It should be planted in rows 3 to 5 feet apart and 8 to 10 inches in the row; sow 10 to 12 pounds to an acre. Mammoth Brown Sows grow 4 to 5 feet high and are covered with a dense mass of foliage that does not shed easily. When sown broadcast, use 1 to 1½ bushels of seed to the acre. Qt. 35c; postpaid.

Calcium Nitrate

15% Nitrogen; 50% Limestone Equivalent
Attracts Moisture—Dissolves Quickly.

Calcium Nitrate is the most quickily and easily soluble of all nitrogen fertilizers. It will dissolve in its own weight of water. In dry weather, it will attract enough moisture from the air to dissolve itself. Even in a dry season, it absorbs sufficient moisture from the soil to dissolve and begin feeding the crop at once. Calcium Nitrate is the quickest and surest nitrogen fertilizer to use in dry weather. Prices given on application.

MORE HAY

This is the time to keep going—raise more hay, notwithstanding you raised a bumper crop of hay the past season. Don't fail to keep up the good work. With lower price of cotton and cottonseed you must produce your hay at home. You can then raise cotton at present value.

Soy beans will make you a sure crop of hay; they stand dry weather and are easily cured. Write us for prices on large quantities of soy bean seed.
VELVET BEANS

Early Speckled Velvet Bean

Early SPECKLED OR 100-DAY VELVET—The most valuable of all varieties and the general favorite for all sections. This variety is the quickest grower and the most prolific. Matures in from 90 to 100 days. Sow in drills in May, one peck to the acre. Qt. 45c; postpaid.

MUNG BEANS

Mature about 15 days earlier than Soy Beans and Cowpeas and invariably have produced larger tonnage of hay and forage, as well as larger production of beans. Grows 4 to 6 feet tall and is one of the finest soil improvers yet discovered. Requires about 8 pounds of seed to plant one acre. Plant in May in rows about 3½ feet apart and 2 to 4 inches apart in the rows. 1 lb. 50c; postpaid.

AUSTRIAN WINTER PEAS

This wonderful winter cover and forage crop was introduced from Europe several years ago. The dairy farmers over there plant them very extensively for use as green forage during the winter and early spring. From the standpoint of cold resistance and enormous winter growth, we consider the Austrian Winter Pea one of the most successful winter legumes for the South. It has been known to stand very low temperatures and, being a fast grower, is very valuable for winter pasturage. Plant in September or October, when the ground is not in use, and it can be plowed under early in the spring, before time to plant spring crops. Will keep the land from washing and afford good hay. Inoculate the seed. 1 lb. 25¢; postpaid.

WINTER HAIRY VETCH

Winter Hairy Vetch

Sow in September or October, 15 pounds to the acre with one bushel of rye or oats. Inoculate the seed. 1 lb. 25¢; postpaid.

Canada Field Peas

Use for the same purpose that the Cowpea is used in the summer. Canada Field Peas are one of the best cover crops that can be grown; also excellent for hay. Resists the cold weather.

It is good feed either green or dry for cattle. Sow in January, February and March, 60 to 90 pounds of seed to the acre with one bushel of oats. Qt. 35¢; postpaid.

Artichoke (Jerusalem)

Excellent for fattening hogs. Plant in rows 4 feet wide, any time in March and April, dropping the tubers 18 inches apart in rows. Immeasurably productive. Three bushels will plant an acre. Qt. 5¢; 4 qts. $1.00; postpaid.

Chufas

An excellent hog-feeding crop, fine for light soils. Plant in rows, one peck to the acre, in April or May. 1 lb. 40¢; postpaid.

Teosinte

A fodder crop. Sow in May or June, in drills, 2 pounds to the acre. 1 lb. 15¢; postpaid.

Thousand Head Kale

Yields more than Rape; fine for sheep or hogs. Sow in March or April; also in September. Broadcast 4 pounds to the acre. 1 lb. 35¢; postpaid.

Fall or Winter Barley

Sow in September or October, 1¾ bushels to the acre. 1 lb. 25¢; postpaid.

Abruizi Seed Rye

Sow broadcast, 1 bushel to the acre, in September and October. 1 lb. 20¢; postpaid.

Southern Seed Rye

Sow in September or October, 1½ bushels to the acre. 1 lb. 15¢; postpaid.

Red May Seed Wheat

Sow broadcast 1½ bushels to the acre in October and November. 1 lb. 15¢; postpaid.

Broom Corn

IMPROVED EVERGREEN BROOM CORN—An excellent variety of good length; has fine, straight straws. Sow in April, one gallon to the acre. 1 lb. 25¢; postpaid.

OKLAHOMA DWARF BROOM CORN—Straight, stiff stems and leaf; markets readily. 1 lb. 35¢; postpaid.

Buckwheat

Sow three pecks to one bushel to the acre. It can be sown so late as to prove a profitable second crop to follow early peas, potatoes, etc. Good pasturage for bees.

Russian Sunflower

Especially desirable for poultry and parrot feeding. Plant 6 pounds to acre in April or May and cultivate like corn. A big yielder and grows anywhere. 1 lb. 25¢; postpaid.
R.-H. Co.'s SEED OATS AND MILLET

OATS—One of the surest, best, and cheapest crops to grow. No farmer should fail to sow a good acreage in oats, either for grain or hay. They are ready to harvest or cut early in May, just when you need the most.

CULTURE—Sow as early as possible, in February and through March, in good soil two to two and one-half bushels to the acre. If the soil is poor, use 200 to 300 pounds 16% Phosphate to the acre. Cut them for hay when the oats are in the milk stage or about half mature.

Early Burt or Ninety-Day Oats

Probably the earliest maturing of all Oats, hence Burt can be planted earlier. It is too late to sow any other variety. Can be planted in March and mature in time to escape injury from frost. Early plantings can be cut in time to put the same land in corn, cow peas, soy beans, peanuts, cane, millet or other summer crops. For quick feed in the spring and for grazing, the Early Burt is the best of all. It is not a heavy yielder of grain, but fine for cutting in the dough stage.

Calcium Nitrate should be used on spring Oats just before grain is in the boot stage. They increase the yield substantially. Calcium Nitrate contains 16% nitrogen and as much Calcium Lime as half of its weight of lime stone.

Fulghum A rust-proof variety developed from the original Red Rust-Proof Oat. It is one of the most satisfactory and popular oats known. Its productivity and early maturity, prolific in all but some of the better qualities, have contributed to its wide popularity. They stook out splendidly, have large full heads, fine plump grains, and strong straw that stands about 3 feet high.

Over a three-year period in a comparative test made in the Southeast, Fulghum Oats average 12 bushels to the acre more than all other varieties. The grains are plump, usually of exceptional weight. Sometimes a bushel by measure weighing 37 pounds, and quite often 35 pounds; add to this the extreme earliness of Fulghum and you have an ideal oat.

Millet Nothing pays better for a stock raiser or a dairy farmer than a few acres of Millet, for not only yields at least half again as much hay per acre as Timothy or Clover but is also of the greatest feeding value and milk producing quality.

Japanese or Barnyard Millet (Called Billion-Dollar Grass in the West)—Distinct from other millets; grows 4 to 6 feet high, yielding an enormous crop that in quality is equal to corn fodder and is relished by stock. Sow in May, June or July, 20 pounds to the acre broadcast; or sow in 1½-inch drills and cultivate until it is 18 inches high. When green feed a moderate quantity at first, gradually increasing the quantity as the animals become accustomed to it. 1 lb. 30c; postpaid.

Tennessee Golden Millet

Our Southern grown Millet makes much better growth than the Western grown seed. This true Tennessee grown, a type that produces better quality, grows taller and gives a larger yield of very nutritious hay, is a quick grower. It should be cut for hay when it begins to show the heads. Plant 1½ to 2 bushels an acre broadcast. Plant from April to August. The sowing of Southern Millet with cow peas for a hay is increasing in favor each year. When this is done, use an early variety, such as Whippoorwill or New Era, sowing about ½ to a bushel of Millet with one bushel of peas to an acre. 1 lb. 25c; postpaid.

Hungarian Millet

An early forage plant, early and productive, growing 2 to 3 feet high, with an abundance of foliage, often yielding 2 to 2½ bushels to the acre. Sow 20c; postpaid.

Oat Prices Prices on Seed Oats are changing constantly. Send us a card, state quantity you will need, and we will quote the lowest market price.

See Green Ink List enclosed for present prices on Seed Oats and Millet.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
We have the latest improved machinery installed in our own warehouses for culling out hulls, loose cotton, trash, for removing the light weight immature seed, and blowing out all dirt. Therefore the seed we ship are plump, full weight, uniform seed; clean of all trash; easy to plant, come up to a uniform stand of strong, vigorous plants, plump heavy plants, and we remove these. Our culled and graded seed require less seed per acre to obtain a stand, which is a saving, and they produce more cotton per acre, which means more profit to you.

**Tested For Germination**

Germination tests are made on all our seed, and a careful record kept. We offer no seed to anyone that we haven't every reason to believe is right. We do not leave such matters to chance.

**The Best of Each Variety**

We keep constantly in touch with plant breeding work all over the South. As soon as a new variety has proven its worth and is available in commercial quantities, we have the seed to offer to our customers. We buy from breeders where their production is large enough for the needed requirements.

**Missdel No. 1 (DELFOS 631-2458)**—Missdel No. 1 is the most outstanding strain of big boll, extra early, extra staple cotton yet developed. Its characteristics are as follows:

- **Type**—Semi-dwarf and very hardy. **Maturity**—Extra early. **Prolific-ness**—Usually prolific, and close-fruited; one boll per plant, for a big-belled cotton.

D. & P. L. No. 4—The most popular upland cotton of quality yet developed. It will give you a good inch staple, and 1,250 to 1,300 pounds will give you a bale. This cotton is early enough to beat the boll weevil, and the large bolls make it an excellent picker. It has enough vigor to be used in well-infested lands with very satisfactory results. Number 4 has the characteristic of being extra large and extra prolific. Lint percentage—38 to 40 per cent.

D. & P. L. No. 4-8 Same blood, but improved in several characteristics. A new type that will give excellent results.

**Wilds No. 1**—Extra long staple, 1 1/16 to 1 1/2, excellent quality; big boll, 60 to 64 to pound; picking qualities good, yet storm resistant. Length of staple usually about 35 inches.

**Wilds No. 2 and No. 3**—Same blood as No. 1, but improved. Less staple, and 40 to 45 per cent. Bolls little larger, yet still good. Bolls 1 1/8 in. long. The best cotton we know of among the 1 1/16 to 1 1/2, which is about as good as the wilds.

**Acala Imp.** 1 1/4 inch cottons. Cotton buyers everywhere are partial to Acala and it usually brings a premium over other cottons of the same type. It has an extra strong, rough, and silky fibre, which explains the premium in price.

We have seen Acala lint in constant demand among cotton buyers when longer and shorter staples were left on the table. Acala cotton is quite a large boll, yet it is an early maturing cotton; it is easy to pick, yet strong and with a good stand of plants, as an excellent stand amongst those of its finer qualities. Lint percentage runs usually 35 to 37 per cent, another advantage over staple cottons.

**COTTON SEED PRICES**

All cotton seed described above are quoted in the Green Ink Section in the first part of this book.
### RUSSELL-HECKLE’S FIELD SEED CORN

Our Top Notch Grade of Seed Corn is grown by men informed on the newest and most successful methods of breeding. With corn, as with other crops, no one variety has all the good qualities. No one variety is best for all soils and conditions. It is necessary, therefore, that we endeavor to supply each of our customers with the very best seed of the variety which is best adapted to his requirements. We have found that, as a rule, the Southern varieties give the best yields in our territory, but for those who want quicker action we are prepared to supply the best Northern and Western varieties.

### WHICH GRADE OF CORN DO YOU WANT?

<table>
<thead>
<tr>
<th>Grade of Corn</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>R.-H. Co.’s Top Notch Corns</strong></td>
<td>are selected by experienced people with the utmost care from high-yielding fields, are nubbed, tipped, graded and cleaned. Our sole purpose in spending so much time and labor on the selection of these seeds is to make them superior seed stock. If you are seeking the best in seeds, order our Top Notch grade—you will be rewarded when you gather your crop.</td>
</tr>
<tr>
<td><strong>Commercial Grade Corns</strong></td>
<td>are cheaper in price—they are worth 1/2 price asked, but are not as carefully selected, not nubbed and tipped like our Top Notch Corns. Our Commercial Grade Corns are carried to meet low-price competition, for price is first consideration with some buyers. They are the equal of any corns selling at same price, and better than most.</td>
</tr>
</tbody>
</table>

**R.-H. Co.’s Top Notch Paymaster**

We indorse this corn as one of the best Northern and Western varieties.

**R.-H. Co.’s Top Notch Tennessee White Red Cob**

An extra large field corn; grains long, broad and evenly lined on large red cob. The ears of this sort will run from 9 to 12 inches long. This is not only one of the largest grain, greatest yielding and one of the highest feeding and best milling corns grown in the South, but owing to the fact that the stalks grow from 8 to 12 feet high, are broad, strong and short-jointed it makes one of our best ensilage corns. Matures in 120 days. Postpaid, 1 gallon 70c; not prepaid, 1 gallon 50c.

**R.-H. Co.’s Top Notch Hickory King**

The grain is so wide and that often a single grain will cover the end of a broken cob. It has been called the Poor Man’s Corn because it can be depended upon to produce a crop on poor, thin land. On good land it bears two ears to the stalk. Postpaid, 1 gallon 80c; not prepaid, 1 gallon 60c.

**R.-H. Co.’s Top Notch Silver Mine**

Ears measure from 10 to 12 inches in length. They are very uniform in size and shape, 16 to 20 straight rows of deep, pure white kernels on a small white cob. Matures in 100 days. Postpaid, 1 gallon 65c; not prepaid, 1 gallon 45c.

**R.-H. Co.’s Top Notch St. Charles White Red Cob**

The ears are large, both in length and circumference. The grains are deep and firmly set in a medium large red cob. Matures in about 100 days. Postpaid, 1 gallon 70c; not prepaid, 1 gallon 50c.

**Russell-Heckle’s Gourd Seed Red Cob**

A dandy, long deep -white grain set on a medium red cob. Ears good average size, 8 to 9 inches in length. Stalks usually bring two good ears. A southern grown variety that will do well in this section. Postpaid, 1 gallon 90c; not prepaid, 1 gallon 70c.

**R.-H. Co.’s Top Notch Early White Dent**

Selected with the idea of furnishing our customers a dependable and extra productive, early-maturing variety. Grains white, of medium size, cob white, ear 10 to 12 inches long, stalk of medium height. A fine White Corn for general crop, earlier than most standard varieties. Postpaid, 1 gallon 70c; not prepaid, 1 gallon 50c.

**R.-H. Co.’s Top Notch Surecropper Corn**

A dandy White Corn, especially adapted to our southern climate ; stands drought well; just one rain to give a good stand. Surecropper will pull through the season and make a sure crop without another drop of moisture. Surecropper will produce two ears, average 10 inches in length and the ears have 14 rows of good, white, plump grains, which fill out to the end. Surecropper will make good roasting ears in 60 days and will mature in 90 to 100 days. It is a drought resister and, therefore, as its name implies, a Sure Cropper. Postpaid, 1 gallon 90c; not prepaid, 1 gallon 60c.
R.-H. Co.'s Top Notch Mosby's Prolific

One of the most prolific corns in existence; the stalks are tall, bearing 2 to 5 fine ears. The grains are long, set close to a small white cob, very uniform in shape, well filled. It has good roots and will withstand storms better than any other prolific sort. Another important feature of this fine corn is its abundant foliage, which renders it superior to most sorts for ensilage purposes. This is a southern corn, and is recommended for general crop. It is pearly-white, small cob, deep full grain, neither too hard nor too soft, and stands crowding in the drill as close again as any other kind. Ears slightly under medium size. Matures in 110 to 120 days. Postpaid, 1 gallon 76c; not prepaid, 1 gallon 68c.

Hand Corn Planters

Especially desirable for replanting corn, etc. Both styles, either the one-hand or two-hand planters are accurate, strong and durable. They can be set to plant two to six grains in a place as required; simple and easy to operate.

Price: One-hand planter $1.25 each; two-hand planter $1.75 each, f. o. b. Memphis.

R.-H. Co.'s Top Notch Hasting's Prolific

The introducer claims that it will make two ears to the stalk on average land, and if planted 24 to 30 inches apart in the row on good strong land, four to six ears to the stalk can be had. The ears are well filled at both ends; the cob is small; the husk is heavy and covers the ear tightly, protecting it from birds and insects, and preventing loss in wet seasons. Matures in 90 to 110 days. Postpaid, 1 gallon 76c; not prepaid, 1 gallon 68c.

R.-H. Co.'s Top Notch Early Yellow Dent

When you desire an early maturing, yellow corn, buy R.-H. Co.'s 96-Day Yellow Dent—a hustler, very productive and desirable all around. Postpaid, 1 gallon 68c; not prepaid, 1 gallon 58c.

Quantity Prices—See Green Ink List enclosed for quantity prices on corn.

R.-H. Co.'s Top Notch Mexican June Corn

This dependable variety, largely planted late in the spring throughout the entire Cotton Belt, originally came from Mexico. It is largely used for planting after oats and wheat. We do not advise sowing before May 1st if grain is wanted, and can be planted as late as August 15th with good results. The stalks are usually short, although early plantings may make stalks 12 to 15 feet high, leaves 4 to 6 feet long. The roots run deep and spread, so that it is splendid drought resistant. Ears 8 to 9 inches long, grains short to medium, cob medium in size, and while usually white, occasionally you’ll find a red cob and always considerable blue grains, making a very attractive ear. This apparent prolific sort is perhaps the best variety of Mexican corn. Mightily fine for “roasting ears” for use right up to frost. Postpaid, 1 gallon 86c; not prepaid, 1 gallon 68c.

Semesan Jr. is used as a dust disinfectant to control the ear, root and stalk rots of corn. In experiments conducted in both Illinois and Iowa by the Federal and State governments, SEMESAN JR. increased yields from diseased seed by varying amounts up to 38%.

SEMESAN JR. is applied only as a dust, at the rate of 3 ounces per bushel of seed. The cost therefore is only about 5c an acre of field corn. Send for SEMESAN JR. Corn Pamphlet with full directions.

Price: 4-oz. tin 58c; 1 lb. tin $1.75; 5 lb. tin $8.00; cannot be mailed.

R.-H. Co.'s Top Notch Little Willis Prolific White Corn

An exceptionally well-bred corn. One that we believe will give anyone who plants it materially increased corn yield. The ears run 7 inches and over in length, 6 inches in circumference, 16 rows of corn ¾ inch deep on a white cob not over 1¼ inches in diameter. It has consistently yielded 3 to 5 ears to the stalk. It is pure white; a prolific corn. Postpaid, 1 gallon 78c; not prepaid, 1 gallon 58c.

R.-H. Co.'s Top Notch North Carolina Prolific

A beautiful white prolific corn. Matures in about 115 days. Well adapted to both field and table purposes, just flinty enough to hold the most beautiful meal. Some of the largest yields of corn ever made in the South have been made with this prolific. Postpaid, 1 gallon 76c; not prepaid, 1 gallon 58c.

R.-H. Co.'s Top Notch Cocke’s Prolific

Medium early, medium-sized ears, pearl-white grain in straight rows. The weevil bothers this variety very little on account of the hardness of the grain, which is of good size, short, flat, and almost round; very flinty. This corn is easily cleaned on a white cob of good size, often attaining the length of 10 inches. Matures in 140 days. Unexcelled for meal and hominy. Postpaid, 1 gallon 86c; not prepaid, 1 gallon 68c.

R.-H. Co.'s Top Notch Jarvis Golden Prolific

This is one of the finest corns for this section on our list. A natural drought resistant variety, one of the few varieties of Yellow Corn that produces more than one ear. It is just hard enough to withstand any kind of weather in the fall. Crops have been left in the field until early spring and then came out good, sound corn.

A native southern Yellow Corn—carefully bred—and one that bears two good ears to the stalk. The stalk is rather dwarf, 6 to 8 feet high, and does not fall down in stormy weather. Grains are a deep golden yellow; ears are firm and solid, about 7 to 10 inches long, medium in size. This is a very productive and desirable variety, and is drought resistant.

Our seed is all carefully selected. It will please you.

Postpaid, 1 gallon 76c; not prepaid, 1 gallon 58c.

R.-H. Co.'s Top Notch Reid's Early Yellow Dent

This is a leading standard yellow variety originated in Illinois many years ago, and is a type that experts have failed to improve upon. It is a prolific corn. Postpaid, 1 gallon 86c; not prepaid, 1 gallon 68c.

R.-H. Co.'s Top Notch Reid's Early Yellow Dent

A very deep, long yellow grain variety. Ears large, heavy and of fine shape. The grain is bright golden yellow. Remarkably long and deep, and is always sound, being just hard enough to withstand a wet season. Supply of this variety is limited, so get your requirements early.

Postpaid, gallon 86c; not postpaid, gallon 66c.

Nitrophoska

A Dandy Fertilizer for Corn

Nitrophoska contains 15 per cent nitrogen, 30 per cent phosphoric acid and 15 per cent potash—all of which is soluble and easily available for rapid, sturdy growth.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Inoculate

ALL LEGUMES
Alfalfa, All Clovers, Soy Beans, Cow Peas, Vetch,
Peanuts, Peas, Beans with

For profitable results, Agricultural Colleges advise inoculation for all legume seed, because it pays well in producing larger quality yields. NITRAGIN, packed with billions of fresh, efficient nitrogen-gathering germs, builds up the soil. Quality inoculation is the cheapest legume crop insurance known.

The billions of fresh nitrogen-gathering germs in NITRAGIN draw the nitrogen from the air—not the soil—developing heavy clusters of nodules on the roots of the plant where nitrogen is stored. After the harvest, a rich store of nitrogen remains in the soil for future crops.

Because Legume Germs are PERISHABLE, NITRAGIN places the Expiration Date on every package. Furthermore, because ALL Legume Germs die rapidly when dried, NITRAGIN is packed moist and stays moist until applied to the seed. For this reason also, directions on every NITRAGIN can say “Plant inoculated seed as soon as possible.”

NITRAGIN PRICES

Mixing Nitragin with Seed
Legume Germs die rapidly when dried. NITRAGIN, containing between 30%-40% moisture, will readily stick to the seed without adding water, and give inoculation. However, for best results, the preferred practice, recommended by The Nitragin Company and Agricultural Authorities is to use water when mixing legume culture with seed.

NITRAGIN HAS SERVED THE AMERICAN FARMER SINCE 1898
Russell-Heckle Co's.

TOP NOTCH

INOCULATION

for all legume crops

The legume crops, such as alfalfa, the clovers, soy beans, vetches, peas, etc., are known as soil builders because certain soil bacteria make nodules on their roots in which nitrogen is gathered from the air and stored. If these special bacteria are not present, the crop robs the soil instead of building it up. The only way to make sure that there is a sufficient supply of nodule bacteria in the soil is to inoculate the seed before sowing with a culture of the right kind of bacteria. Inoculation produces the following results.

1. **Insures Better Stands.** The legume crops require plenty of nitrogen in their early growth. Inoculation makes an ample supply available.

2. **Insures Bigger Crops.** Inoculation by increasing available plant food promotes the most vigorous growth and produces bigger crops.

3. **Increases Value of Crop for Feeding.** By feeding nitrogen to plants, their protein content and, hence, their feed value, is greatly increased.

4. **Adds Fertility to Soil.** Inoculation provides plenty of nitrogen for the crop and, when it is turned under, adds to the soil an average of 100 pounds of nitrogen per acre.

**Top-Notch—Easiest and Surest Form of Inoculation**

Top-Notch Inoculation is a scientific pure culture of root nodule bacteria, prepared on special food jelly in bottles with patent stoppers which permit the bacteria to live and breathe and maintain their vigor. Each culture contains plenty of bacteria to inoculate the quantity of seed marked on the bottle. The cost per acre is very small. Moreover, Top-Notch Inoculation is easiest inoculation to use, requiring no equipment or experience. Takes only a few minutes. Complete directions on every bottle. Results are sure. Buy your Top-Notch Inoculation when you buy your seed. Always specify names of crop as well as size of culture wanted.

**PRICES—ORDER BY CROP**

For small seeds—Alfalfa, Alsike, Red, White, Sweet and Crimson Clovers.

- ½-bushel size .......................................... $ .60
- 1-bushel size ........................................ 1.00
- 5-bushel size ....................................... 4.00

For large seeds—Cowpeas, Soy Beans, Lespedeza, Velvet Beans, Vetches, Field Peas and Winter Peas.

- 1-bushel size ...................................... $ .40
- 5-bushel size .................................... 1.50
- 10-bushel size ..................................... 2.50

Garden size—For English Peas, Garden Beans and Sweet Peas.

All parcel post paid .......................................... $ .25

For quantity prices: see green ink price list enclosed.
CULTURE—Set out small trees. They are more certain to grow and will bear fruit just as early as any larger or older tree. It is a mistake to rest any tree older than two years.

Issued annually by the Tennessee State Entomologist, showing freedom of our stock from San Jose Scale and other injurious insects and diseases, will be attached to every shipment.

Terms: Cash, F. O. B. Nursery. No trees shipped C. O. D.

Nursery stock is too large and bulky to be shipped as parcel post. It is important that express office be given.

Annc First Grade Trees. Four to five feet in height. Each 45c; 10 for $2.75; 100 for $25.00.

Scuppernong Grapes Two-year plants. Each 60c; 10 for $5.00. Scuppernong—Large bronze fruit; sweet, pulpy flesh.

PEACH Trees

Apples

FIRST GRADE TREES. Four to five feet in height. Each 45c; 5 for $2.35; 10 for $4.50; 100 for $25.00.

ORCHARD SIZE—Two to three feet, tied in bunches of 5 and sold in multiples of 5. $12.50 per 100; less than 100, 20c each.

EARLY HARVEST—Medium size, pale yellow, juicy. May and June. Ripens a week later than Red June.

YELLOW TRANSPARENT—Greenish-yellow skin; white flesh. One of the earliest to ripen. May and June.

ARKANSAS BLACK—Very dark red. Ripens in September.

CONCORD—Bunch and berry large; skin thick, juicy. Ripens middle of May.

LARGE MONTMORENCY—(Sour). Best variety for general planting. Red fruit.


EARLY RICHMOND—(Sour). One of the earliest. Light red fruit.


JOHN P. F. P.—Red skin, sub-acid. Ripens late in August.

WILDER'S EARLY—A fine summer variety; fruit large yellow with crimson cheek. Flesh sweet, juicy and soft.

The Baldwin Pear

A wonderful new introduction, absolutely blight-proof and the quality is fully equal to the Bartlett. The Baldwin pear will revolutionize the pear industry in this section. It has been the hope of all horticulturists that a non-blighting pear of good edible quality will be found, and at last it has been accomplished. Don't fail to plant some of this wonderful pear.

Price F. O. B. Memphis (none re-shipped), each $1.00; 10, $8.00.

The following table gives the approximate price for quantities of 5, 10, 100, 250, 500, and 1,000 of each variety:

For Quantity Prices: See Green Ink Price List Enclosed.
THE MAHAN PECAN
We take great pleasure in offering our customers the opportunity of securing trees of the new Mahan Pecan, a real horticultural sensation that is sweeping the country.

We show a picture of a tree only 19 months after planting bearing over a pound of nuts.

So far the nuts have brought wholesale over $1.00 per pound.

The Mahan nut is a giant in size, supreme in quality, thin shell, attractive to the eye.

The tree is a vigorous grower, unusually large, beautiful foliage, prolific early bearer.

PRICES
All size trees are the same price; first orders being given preference on the larger trees.

Size of trees 3 to 4 feet. If you wish small trees, state so.

The Mahan Pecan is sold only under a special non-propagating agreement which must be agreed to by signing the agreement on order blank enclosed with this catalog.

The trees we offer are grown by the Monticello Nursery Co. and will be shipped direct from the nursery.

1 to 23 trees..............Each, $5.00 24 to 50 trees..............Each, $4.50

F. O. B. Nursery.
Extra order blanks with Agreement Blank sent on application.

Asparagus Roots WASHINGTON—Price: Strong roots, doz. 40c; 50, $1.25; 100, $2.50; postpaid. Not prepaid, doz. 30c; 50, $1.00;
100, $2.00; 1,000, $15.00.

Hors eradish Roots MALINER KREN (Bohemian)—Large, strong cuttings; 40c per dozen; $2.00 per 100; $15.00 per 1,000. If wanted by mail, add 10c per 100 for postage.

Rhubarb Roots Two-year roots, each 30c; 6 for $1.40; 12 for $2.50; postpaid.
Not prepaid, each 25c; 6 for $1.25; 12 for $2.00. One-year roots, each 15c; 6 for 75c; 12 for $1.25; postpaid. Not prepaid, each 10c; 6 for 60c; 12 for $1.00.

Strawberry Plants Set in March and April in rows 3½ feet wide and 15 inches apart in the row. We can furnish any of the following varieties, but they will be shipped separate from any other trees or plants on our list. Plants ready in March.

AROMA—Large size; dark red and sweet.

EXCELSIOR—Extra early; one of the best drought resisters.

KLONDYKE—A shapely, dark red berry of uniform size.

LADY THOMPSON—Widely planted over the whole country.

MICHELL'S EARLY—One of the early varieties. Good size bright red fruit of splendid quality and very productive.

PRICES—Each variety, uniform as follows: 50 plants, 80c; 100, $1.20; 200, $2.00; 500, $2.50; 1,000, $4.25; postpaid. Not prepaid, 50, 60c; 100, $1.00; 500, $2.75; 1,000, $3.50; 10,000, $30.00.

Everbearing Strawberry Plants

PROGRESSIVE EVERBEARING—The best of the Everbearing sorts; berry dark red. Price: 25, 75c; 50, $1.10; 100, $1.45; 500, $5.00; postpaid. Not prepaid, 25, 60c; 50, $1.00; 100, $1.50; 500, $6.25; 1,000, $10.00.

Mastodon Strawberry
The world's greatest everbearing strawberry. In size and quality Mastodon heads the list. Price postpaid: 25 plants, $1.10; 50, $1.60; 100, $2.40. Not prepaid, 25, $1.00; 50, $1.50; 100, $2.25; 500, $7.50.

SPECIAL VARIETIES BERRIES
YOUNGBERRY—A hybrid of the Loganberry and the Austin Dewberry. Fruit pink, turning to wine color. Raspberry flavor. Each 20c; 10 for $1.25; by parcel post, each 30c; 10 for $1.40.

HEDGE PLANTS
AMOOR RIVER PRIVET
—Almost entirely evergreen. Upright; dark green leaves. 16 to 24 inches. 25 for $1.25; 100 for $4.00.

CALIFORNIA PRIVET—Leaves dark green. May be trimmed as desired. 18 to 24 inches. 25 for $1.25; 100 for $4.00.

OTHER VARIETIES QUOTED ON REQUEST.

Russell-Heckle Seed Co.
CONIFEROUS EVERGREENS

All balled and baled. Extra nice plants.

Arbor Vitae, Chinese. 2 ft. $1.25; 3 ft. $1.75 each
Arbor Vitae, Globe. 18-24 in. $2.00; 3 ft. $2.50 each
Arbor Vitae, Bosseale. 18-24 in. $1.50; 2 ft. $2.00 each
Arbor Vitae, Behman's Golden. 18-24 in. $1.50; 2 1/2 ft. $2.00 each
Arborvitae, Mayhew Golden. 2-3 ft. $2.00; 3 ft. $2.50 each
Bonita Arbor Vitae. 2-3 ft. $1.50; 4 ft. $2.00 each
Irish Juniper. 18-24 in. $1.25; 2 1/2 ft. $2.00 each
Pine, Arkansas. 18-24 in. $1.00; 3 ft. $1.50 each
Pittzer Juniper. 18-24 in. $1.75; 24-30 in. $2.25 each

BROAD LEAF EVERGREENS

All specimen plants, balled and baled.

Abelia Grandiflora. 24-30 in. $1.50; 2 ft. $2.00 each
Cherry Laurel. 18-24 in. $1.25; 12 in. $1.00 each
Wax Leaf Ligustrum. 24-36 in. $1.25; 2 ft. $2.00 each
Lucidum Jap Privet. 18-24 in. $1.25; 2 ft. $2.00 each
Red Leaf Barberry. 18-24 in. $1.00; 24-30 in. $2.00 each

SHADE TREES

Chinese Elm—One of the best quick growing; makes a beautiful, hardy, tough tree—one you will be delighted with. 4-5 ft. tree $6.00. 10 for $5.00; 7-8 ft. tree $1.25. 10 for $10.00; 10-12 ft. tree $2.00. 10 for $15.00.

Box Elder. 4-6 ft. $1.50; 6-8 ft. $2.50 each
Carolina Poplar. 4-5 ft. $60; 6-8 ft. $1.00 each
Silver Maple. 4-6 ft. $60; 6-8 ft. $1.00 each
Texas Umbrella China. 3-4 ft. $5.00; 4-5 ft. $8.00 each
Willow, Psaey. 4-5 ft. $5.00; 5-6 ft. $8.00 each
Weeping Willow. 4-5 ft. $5.00; 6-7 ft. $8.00 each
Lombardy Poplar. 4-5 ft. $5.00; 6-7 ft. $8.00 each

CLIMBING ROSES

Strong two-year, field grown plants.

Chb. American Beauty. Rosy pink. Each 60c; 12 for $4.00
Chb. Bridesmaid. Bright pink. Each 60c; 12 for $4.00
Chb. Columbia. Crimson. Each 60c; 12 for $4.00
Chb. Etoile de France. Rich crimson. Each 60c; 12 for $4.00
Chb. F. K. Drusk. Large snow white. Each 60c; 12 for $4.00
Chb. K. A. Victoria. Purest white. Each 60c; 12 for $4.00

SPECIAL NOTICE

All roses, plants, shrubs and trees—in fact, everything in the nursery department—will be shipped separately from seeds or other merchandise. All nursery stock is shipped direct from our growers very promptly. Please bear this in mind in case your order includes nursery items. We recommend express shipment for all plants, shrubs and trees.
EVERBLOOMING BUSH ROSES

All two-year field grown hardy plants

Set out Roses very early in the spring before the sap rises. They will be sure to grow and will bloom the first season. Remember these are all heavy outdoor-grown plants, two years old and they will please you.

All Roses will be pruned ready for planting.

Price, any variety: Each 50¢; 3 for $1.25; 6 for $2.25; 12 for $4.00. By mail, each 75¢; 3 for $1.50; 6 for $2.75; 12 for $4.75; postpaid.

PINK ROSES

AMERICAN BEAUTY
Rose pink shade, hybrid perpetual

BRIDESMAID
Fine tea rose, very fine pink, large

BRIAR CLIFF
Glowing deep pink, a beautiful variety

COLUMBIA
Deep pink, deepening to a glowing pink

JONK, J. L. MOCK
Very fragrant, large clear double pink

LADY G. ARMYN
Carmine pink, beautiful in bud and flower

F. W. DUNLOP
Very large, deep rosy pink, showy flower

LA FRANCE
Long buds, fragrant, silvery pink, bright

MRS. CHAS. BELL
Shell pink with salmon shading, large

PAUL NEYRON
The classic hybrid perpetual pink rose

PREMIER
Greatest rose of the times, rosy pink

WILLOWMERE
Richest pink with yellowish shading

YELLOW ROSES

ALEXANDER HILL GRAY
Deep lemon yellow, beautiful bud, flower

DUCHESS OF LUXEMBOURG
Shaded orange yellow with salmon pink

GOLDEN OPHelia
Salmon flesh tinted with gold, beautiful

HELEN GOULD
A beautiful rose, rich watermelon red

SUNBURST
Orange copper, shading to a very deep golden color

WHITE ROSES

FRAU KARL DRUSCHKI
Largest white hybrid perpetual rose, fine

KAISERIN AUGUST VICTORIA
Finest white monthly rose, purest white

WHITE MAMAN COCHET
Immense white monthly tea rose, fragrant

WHITE OPHelia
Center tinted pink, effective showy color

SPECIAL ROSES

Strong two-year-old field grown bushes.
Each 75¢; 3 for $1.75; 6 for $3.00; 12 for $5.00. By mail, each 85¢; 3 for $2.00; 6 for $3.50; postpaid.

BETTY UPRICHARD—Blend of deep-toned carmine with coppery edge

DAME EDITH HELEN—Magnificent vivid pink, a fragrant, full-bodied rose.

ETOILE DE HOLLAND—A novelty rose of fine character and appeal. The flowers are large, brilliant, crimson red, very showy.

GOLDEN EMBLEM—A vigorous, strong monthly rose, deep golden yellow, beautiful in bud and flower.

MARGARET McGREGY—Hybrid tea rose of the bi-color type. A beautiful orange shaded scarlet.

MRS. CALVIN COOLIDGE—Golden yellow monthly tea rose; beautiful in bud and bloom.

PRESIDENT HERBERT HOOVER—A glorious new rose, unfolding its broad, thick petals from a beautiful bud. Vivid cerise pink, softly flamed with yellow, orange and scarlet.

REV. F. PAGE ROBERTS—A fine, bluish color rose, a full, shapely flower, golden yellow stained outside with red.

REV. L. B. AUDIUS PERNET—Flower large and full, unfading sunflower yellow, deeper toned at the center.

MRS. HENRY MORSE—The two-tone combination is superb in this month rose. Soft, clear pink on upper side of petals, bright carmine on under side.

TALISMAN—A gorgeous assembly of colors never before presented in any one rose. Here are the strong colors exhibited: gold, apricot, yellow, blood orange, deep pink, and old rose. A beautiful flower in bud and bloom.

TREES—PLANTS—SHRUBS

All of our nursery stock is shipped direct to you from our growers very promptly, but such items will come separate from seeds ordered. Please bear this in mind in case your order includes trees, plants or shrubs.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
DU BAY SEED DISINFECTANTS INCREASE your FARM PROFITS and GARDENING PLEASURES

By Preventing Seed-Borne Disease Losses

Regardless of the care taken in preparation of the seed bed and the selection of seed, field crop and garden failures may result from attacks of seed-borne diseases. One or more of some two hundred disease organisms are commonly carried by farm and truck crop seeds. The losses they cause may be easily avoided by disinfection of the seed before planting with the proper Du Bay Seed Disinfectants. Treatment with Du Bay Disinfectants is inexpensive, easily and quickly made, and harmless to seed. All your seed should be treated.

CERESAN—For Cotton Seed

Ceresan generally increases the yield of cotton by preventing seed from rotting in cold, wet soil, thus permitting earlier planting; reducing damping-off or sore-shin; controlling surface seed-borne anthracnose, angular leaf-spot, and certain boll-rots and producing better stands of vigorous plants. Treatment has returned from $3.10 to $21.56 more per acre. Only 3 ounces needed per bushel of seed.

SEMEŞAN BEL—For Seed Potatoes

Prevent seed-borne disease losses by treating seed before planting with Semesan Bel, the instantaneous dip disinfectant. No time-consuming soaking necessary. Semesan Bel is effective in controlling such destructive seed-borne diseases as scab, rhizoctonia, and black leg. Protects the seed piece against rotting by soil-borne organisms. Improves germination and usually produces a bigger crop of better quality. One pound treats 16 to 22 bushels of seed.

SEMÉSAN FOR Flower and Vegetable Seeds

Diseases carried on the seed often reduce germination and cause a poor stand, lowered quality, and unsatisfactory yields. Destroy these disease organisms without injuring the seed by treating your seeds, bulbs, roots, corms, and tubers with Semesan. Easily and quickly applied as a dust or liquid. Effective in controlling damping-off of seedlings and cuttings. Use Semesan to control seed-borne diseases and improve your vegetables and flowers.

Send for Free Descriptive Booklets

Du Bay Seed Disinfectants are poisonous and, under present postal regulations, must be sent by express or freight.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Russell-Heckle’s Lubricating Oil Emulsion

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

Russell-Heckle’s Lime Sulphur Solution

Russell-Heckle’s Dry or Powdered Lime Sulphur

Dritomic Sulphur

Russell-Heckle’s Bordeaux Mixture

How to Spray Roses

Russell-Heckle’s Peach Mix

Russell-Heckle’s Lime Sulphur Solution

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
INSECTICIDES AND SPRAY MATERIALS

Our service in this department is free; do not fail to come to us for any information needed in the spraying line. We keep up-to-date and have in stock the very newest and best materials for spraying at all times.

Poisonous insecticides and liquids are not mailable. Prices are F. O. B., Memphis, and subject to fluctuations, buyer paying carriage charges, except where priced parcel post paid.

**Antrol**
- Kills Ants in the Nest
- Destroys ants the right way; gets them at their source; safe, permanent, effective. Quickly destroys the whole colony.
- Destroys sweet eating ants. The ants smell the poison and control the colony.
- Recommended by all experimental stations for cotton boll weevil; also a sure remedy for army and other worms.
- Effective on all plants subject to aphids or plant lice. A simple way to get rid of pests. Use Cyanogas A Dust, a solution in water. A powerful insecticide. Used alternately with Fungtrogen. Both carry their own spreader.

**Calcium Arsenate**
- For seed grains and cotton seed. Ceresan is effective in controlling smut, rust, mildew, barley, sorghums, millet and rye, seedling blight of cereals. Also increases yield of cotton by preventing seed from rotting in cold, wet soil, permits earlier planting, controls damping-off, anthracnose, leaf blight, and controls better stands of vigorous plants. Use it to increase your grain and cotton yields. Only 2 ounces needed per bushel of seed wheat, sorghums or millet, and 3 ounces per bushel of oats, barley and cotton. 1 lb. tin 75c; 5 lb. tin $3.00; 25 lb. pail $12.50.

**Ceresan**
- For keeping weevils and other insects out of seed grains and cotton seed. Ceresan is effective in controlling smut, rust, mildew, barley, sorghums, millet and rye, seedling blight of cereals. Also increases yield of cotton by preventing seed from rotting in cold, wet soil, permits earlier planting, controls damping-off, anthracnose, leaf blight, and controls better stands of vigorous plants. Use it to increase your grain and cotton yields. Only 2 ounces needed per bushel of seed wheat, sorghums or millet, and 3 ounces per bushel of oats, barley and cotton.

**Fungotrope**
- A highly concentrated fungicide that conquers mildew, controls black spot on roses and is an effective plant stimulant as well. Use lightly to prevent poisoning, will eliminate all diseases of plants and fruits.
- By parcel post, 1 lb. 45c; 6 lbs. 75c. By freight, 1 lb. 35c; 6 lbs. 75c.

**Formalin**
- Used for treating oats, wheat, etc., to prevent smut; also to prevent potato scab. One pound will make 50 gallons of solution. By freight only. 1 lb. bottle 50c; not mailable.

**Grape Dust**
- Prevents and cures blight, also mildew, on grapes. A dust, non-poisonous. By freight, 1 lb. 50c; 5 lbs. 75c. By parcel post, 1 lb. 45c; 5 lbs. 1.00.

**Insectogen**
- For leaf-chewing insects—caterpillars, slug worms, Japanese beetles.

**Phosphate of Lime**
- For all plants subject to aphids or plant lice.

**Sulphur**
- Mixed with other spray materials makes them more effective. Acts as a spreader.

**Fluosilicate Dusting Powder**
- Controls cutworms, ants, roaches, chicken lice, moths, cucumber and potato beetles, and fleas. Controls worms on cantaloupes. Fluosilicate is less dangerous than arsenicals and more effective, as it is a contact as well as a stomach poison. Use lightly to prevent poisoning, will eliminate all diseases of plants and fruits.

**Quarry**
- A powerful insecticide. Used alternately with Fungtrogen. Both carry their own spreader.
Kayso
Prepared casein is a spreader and adhesive for use in connection with Lime Sulphur, Bordeaux Mixture and Arsenate of Lead. It makes the poison stick and resists the washing of rain; also saves material. A two-pound package is sufficient for 50 gallons of spray. 2 lb. pkg. 50c; 10 lb. pkg. $2.00. By parcel post, 2 lb. 75c; 10 lb. $2.50.

Lime-Hydrated
When using Arsenate of Lead, Drotmic Sulphur, etc., always add Hydrated Lime. This prevents burning of the leaves.

Paris Green
Known for its effectiveness. It must be used with care; 1 teaspoonful to 1 gallon of water will be safe. Add 2 teaspoonfuls of lime to prevent burning. 1/4 lb. 50c; 4 lbs. $1.60; 14 lbs. $4.75; not mailable.

Para-dichlorobenzene
Peach tree borer control. Discovered at last, a real borer killer for peach tree borers. Time of application—April 1st to November 30th. Para-dichlorobenzene must not be used on any trees under 4 years old, as it is very powerful and will harm young trees.

Peach Mix
A summer spray on peaches and plums, for use in place of self or home-baked Lime Sulphur, for the control of brown rot, scab, and leaf spot. Use 1 pound and 3 gallons of water, first application, when the husks fall and add two tablespoonfuls of Arsenate of Lead to each 5 gallons of spray mixed. This is to control brown rot, scab, leaf curl, and curculio. 1 lb. 25c; 5 lbs. $1.00; 10 lbs. $1.50; 15 lbs. $1.75; 10 lbs. $2.25; 100 gal. $3.50.

Lime Sulphur—Dry or Powdered
For dormant spraying against San Jose scale, powders for adding lime and other substances are always given on the packages. Price: 10 lb. bag 38c; 40 lb. bag 75c. By parcel post, 10 lb. 15c.

Lime Sulphur Solution
A concentrated liquid form easily mixed. Simply add 9 gallons of water to 1 gallon of the solution. Mixes easier than the dry; will not clog the nozzle. Qt. 35c; 1/2 gal. 50c; gal. 65c; 5 gal. $2.50; 10 gal. $4.50. Not mailable.

Lubricating Oil Emulsion
For dormant spray to control scale. Oil Emulsion Spray has been found ideal; it creeps and covers every part of the tree; use it in early January on a bright, warm day; avoid exposure to freezing.

Melrosine
Kills and prevents rose bugs, blister beetles, candle bugs; is effective and pleasant to use. It is one of the best non-poisonous insecticides.

Nicotine Pyrox
A combination of Pyrox and Sulphate of Nicotine. Kills both sucking and chewing insects, besides controls fungus diseases. 10 oz. bottle 50c; not mailable.

Pine Tar
A very useful preparation and should be kept on the premises at all times. For spraying on trees it is very effective. 1 lb. can 25c; not mailable.

Red Star Insecticide
Absolutely sure death to all bugs, insects, ants, roaches and mosquitoes. A clear liquid, this will not stain and is fully guaranteed. 1 qt. can 75c; 1/2 gal. can $1.25; 1 gal. can $2.00; not mailable.

Scalecide, Pratt’s
Especially recommended for spraying trees in the dormant state. For San Jose Scale it gives more effective and rapid results than lime sulphur. For the dormant season the use of Scalecide to 15 parts of water. Not prepaid, qt. 75c; gallon $1.60; 5 gallons $4.50; 25 gallons $10.00; 50 gallons $13.50; not mailable.

Treat Before Planting With

SEMESEAN
For Disease Protection
SEMESEAN is recommended by the American Rose Society for the treatment of the many different kinds of roses, such as mildew and black spot. It is recognized by growers everywhere as the most effective treatment for the control of damping-off diseases.

Prices: Semesan for Roses and also all small seeds—1 oz. 5c; 1 lb. $1.75; 5 lbs. $5.00.

Semanese Junior, for Corn: 4 ozs. 50c; 1 lb. $1.75; 5 lbs. $5.00.

Semanese Bel, for Potatoes and Bulbs: 4 oz. 50c; 1 lb. $1.75; 5 lbs. $5.00. Not mailable. See page 17 for further uses.

Shep’s Plant Spray
Kills and controls plants like thrips, leaf-hoppers, Harlequin bugs, red spiders, etc. 2 ozs. 50c; 1 lb. $1.75. For spraying trees in October to November. 1 lb. 50c; 5 lb. $2.00; 10 lb. $3.50.

Sprad
Quickly Kill Garden Pests. Science provides a new method that is effective, work safely and quickly; kills cutworms, snails, saw bugs, grasshoppers, slugs, etc. 1 lb. carton 40c; 3 lb. carton 84c; not mailable.

Sulfoide
A Better Summer Spray
(PRATT’S)—A sure preparation for the second spraying on peach trees. Prevents wormy fruit; does not burn and easy to use. For spraying each can. Pt. 75c; qt. $1.00; gal. $2.75; 5 gal. can $8.50; not mailable.

For Quantity Prices: See Green Ink Price List Enclosed
Champion Tree Killer

For trees, shrubs and vines. Trees die quicker, stumps rot quicker than old method of deadening. Will kill Johnson grass, sprouts, grubs, etc. Guaranteed to do the job. Gal. $1.25, f.o.b. Memphis.

Tobacco Dust

Especially desirable for use against lice and sucking insects. By freight, lb. 15c; 10 lbs. $1.00. By parcel post, lb. 25c; 10 lbs. $1.25.

Atlacide Weed Killer

A non-poisonous dry powder, kills weeds and wild grasses effectively. Price—1 lb. ifter top can 50c; ½ lb. can $1.50. By parcel post, 1 lb. 60c; ½ lbs. $1.65.

Slug Shot

Destroys all garden insects. Does not burn. Especially effective against cutworms and is not poisonous. Price—By freight, 1 lb. 25c; 5 lbs. 75c. By parcel post, 1 lb. 30c; 5 lbs. $2.50.

Tree Tanglefoot

Use as a band on all kinds of trees; will prevent any kind of crawling insects on them. 1 lb. 60c; 5 lbs. $2.75; 10 lbs. $5.00. By parcel post, 1 lb. 70c; 5 lbs. $2.90.

Volck

A powerful insecticide used as a spray to overcome red spider, aphids, white flies, mealy bugs, etc. Volck is easy and pleasant to handle; does not burn and has no odor. Ask for circulars. ½ pt. 15c; pt. 60c; qt. 1.00; gal. 3.00. By parcel post, ½ pt. 45c; pt. 70c; qt. $1.15.

Sulphur—Powdered

Will prevent and cure mildew; should be used on all roses in the spring; apply dry. Also used for making self-boiled Lime Sulphur as well as dusting various field crops, such as strawberries, and cotton, and for the control of red spider, rust mite, etc. By freight, lb. 10c; 5 lbs. 40c; 10 lbs. 75c; by parcel post, lb. 20c; 5 lbs. 60c; 10 lbs. $1.40.

SPRAY AND LAWN ACCESSORIES

Spray Hose

Our spray hose is made especially for spraying purposes. ¾ inch spray hose, foot 15c; postpaid 20c; 10 feet for $1.00; by mail $2.00.

Lawn Sprinklers

No. 100—B. & J. Lawn Sprinkler—Throws water in a complete circle or half circle. Price, 50c; by parcel post, 60c.

No. 65A—Brass Baby Ring Lawn Sprinkler—Each 40c; by parcel post, 45c.

Hot House Sprinklers

2½ inch face, $0.50; 4 inch face, $0.85.

All standard ¾ inch connection for attaching to hose.

Spray Nozzles

Myers Angle No. 1559—$0.80; postpaid 90c.
Bordeaux No. 2097—$1.00; postpaid $1.10.
Vermorel No. 1563—$0.80; postpaid 90c.
Hudson Perfection Nozzle No. 176—$1.50; by mail $1.60.
Hudson Angle Nozzle No. 168—$0.85.
Hudson No. P-9X Hose with Perfection Nozzle and Extension Rod complete, $2.00.

Extension Rods

2-ft. Brass Extension Rod 60c; by mail 70c.
5-ft. Brass Extension Rod $1.00; by mail $1.15.
4-ft. Iron Extension Rod 75c; by mail $1.15.
8-ft. Bamboo Extension Rod with shut-off cock $4.50.

Root Dry Powder Dusters

Root Hand Dry Powder Dusters—On these dusters the nozzle can be reversed, throwing the poison behind the operator. Each $18.00.
Root Saddle Gun—Complete with saddle. Each $45.00.
Root Saddle Gun only, $40.00.
Root Saddles and Brackets, $10.00.
Root Dusting Cart—Complete. Each $75.00.

No. 600 Bellows Duster

Provides a uniform discharge by agitation of the bellows: strong and desirable. Each $1.50; by mail $1.75.

F R E E

Eezy Wear Gloves

With every cash order at catalogue prices to the amount of $6.00 or over, we will include with your order one pair of Eezy Wear all-leather gloves. Retail value $75. These gloves are useful for all garden work, spraying, etc. What size do you want?
We handle several of the best lines of Orchard, Bucket and Compressed Spray Pumps. Every pump guaranteed to give satisfaction. We will make special prices on large jobs such as Power Sprayers, etc. Ask us for catalog.

### Barrel or Orchard Spray Pumps

**Myers No. R305B**—Attaches to the side of barrel. All brass. Price, with one lead of 15 feet of %2-inch, 6-ply discharge hose, Vermorel nozzle and mechanical agitator, $12.00.

**Myers No. R318B**—Has bronze ball valves and brass seats. Plunger is self-expanding and the cylinder and pipes are all brass. Price, with one lead of 15 feet of %2-inch, 6-ply discharge hose, graduating Vermorel nozzle and mechanical agitator, $12.80.

**Paragon Barrel Pump No. 540**—Paragon Spray Pump has the greatest and most necessary improvement on any sprayer.

The Paragon cannot clog; strainer is 4 inches long, and each stroke of the plunger removes any sediment, therefore the liquid that passes into the pump is always clean and does not clog the nozzle. Price, with 16 feet special spray hose, spray nozzle and agitator, $7.50.

### Bucket Spray Pumps

**Myers No. 325**—Bucket Sprayers—These spray pumps are constructed entirely of brass. They are so arranged that the labor of pumping is all done on the downward stroke of the piston and nothing on the up. The effect of this operation while pumping is to hold the pump down. The foot rest steadies the pump, holding it in proper position.

**Myers No. R324 Spray Pump**—A combination bucket and barrel spray pump; can be used either way; it has cog gear handle with large cylinder. Price, with nozzle, $5.25; by parcel post, $5.65.

**Standard Brass Spray Pumps**

This pump is the ideal all-purpose hand sprayer. Its field is practically unlimited as it may be used for spraying trees, vines, garden truck, potatoes and any field crops, and for handling whitewash and disinfectants. It is made entirely of brass, doing away with all danger of corrosion.

Price, sprayer only, not postpaid, $4.50; postpaid, $4.75.

Price, extension attachment, not postpaid, 75c; postpaid 90c.

**Hudson No. 427G Continuous**


Price, sprayer only, not postpaid, $1.00; by mail, $1.25.

### Hand Sprayers

These are the single stroke sprayers that will give good satisfaction, are well made and with ordinary care will last well. Should be kept well oiled.

**Hudson No. 452**—1-qt. tin sprayers, each 45c; by parcel post, 70c.

**Hudson No. 202**—1-pt. tin sprayers, each 25c; by parcel post, 45c.

**Fly-Tox**—1-qt. litho. tin sprayers, each 40c; by parcel post, 65c.

**Fly-Tox**—1-pt. litho. sprayers, each 25c; by parcel post, 45c.

**Hudson No. 430**—1-qt. Crescent Glass Jar Sprayers—Double discharge tubes throw a wide fan-shaped spray. Any Mason Jar fits them; easily cleaned. Price, with jar, 50c; by parcel post, 75c.

### Continuous or Compressed Air Hand Sprayers

**Brown's Auto No. 26 Continuous Sprayer**—Will spray insecticides continuously. There is no other machine like it for power, efficiency and easy operation. Unequaled for small garden and house plant sprays.

Handles all insecticides, fly and mosquito exterminators. Trouble-proof construction. Every part can be reached for quick and easy cleaning.

**Hudson No. 430**—1-qt. tin sprayers, each 45c; by parcel post, 75c.

**Hudson No. 430**—1-pt. tin sprayers, each 25c; by parcel post, 45c.

### Portable Sprayers

**Myers No. R336B—Portable Sprayers**—Capacity, 12% gallons; tank made of heavy galvanized iron, equipped with portable wheelbarrow frame; has agitator, with 15 feet hose connection. Vermorel nozzle and 8-ft. pipe extension. Complete, $21.00.

**Myers No. R336B**—Portable Sprayers—Capacity, 12½ gallons; tank made of heavy galvanized iron, equipped with portable wheelbarrow frame; has agitator, with 15 feet hose connection. Vermorel nozzle and 8-ft. pipe extension. Complete, $21.00.

**For Quantity Prices: See Green Ink Price List Enclosed**
THE HUDSON SPRAY PUMPS

A standard and satisfactory line of sprayers for every need. They are dependable in every way. They are good sprayers and will operate properly. The new improved Hudson Barrel and Bucket Pumps now have the non-clogging tubular brass screen, and every stroke of the pump plunger makes the intake strainer. This means a solution 25 per cent thicker than ordinary can be handled by the Hudson outfits, besides it means a more concentrated solution is put out, so that the insecticides give real results. When buying a spray pump you want the best. Order a Hudson Job.

Hudson Barrel Spray Pump No. 4A—The Hudson Barrel Pump will maintain a working pressure of 200 pounds. Handles whitewash, cold water paints, disinfectants, insecticides, etc. Furnished with attachment for mounting on chime of barrel. $1.95.

No. 4A—Pump, with 6-ft. 3/8-in., 5-ply spray hose and 4-ft. extension rod and angle Ideal nozzle, $5.75.

Fitting for mounting on head of barrel, extra, $1.55.

Hudson No. 126 A.S. Moro Spray Pump—An extra heavy, durable spray pump for use in spraying fruit trees, etc. Also for whitewash and cold water paints. The non-clogging tubular brass strainer and agitator keeps it from clogging and gives a uniform volume of discharge. Has extra nozzle for applying powders to under side of leaves. This is a real duster that will do the work well. Price with 3 ft. hose, 12 in. extension and fog nozzle, $5.75; by mail, $6.45.

Hudson No. 110 Perfection Sprayer—One of the most dependable outfits, strong and durable, with automatic nozzle that can be adjusted for any spray from finest to solid stream. The Hudson Sprayers are fitted with 12-inch extension rod. No. 110G—4-gal. galvanized tank, $6.00; by parcel post, $6.45. No. 110H—4-gal. brass tank, $8.75; by parcel post, $9.20.

Hudson No. 106 Major Duster—Handles Calcium Arsenate, Paris Green, Tobacco Dust, etc. very satisfactorily; has powder strainer to prevent clogging and give a uniform volume of discharge. Has extra nozzle for applying powders to under side of leaves. This is a real duster that will do the work well. Price, each, $1.00; by mail, $1.20.

Hudson No. 663 Cadet Duster—Adapted for spraying any fine, dry insecticides in a powdered form; very easy to use and very efficient. The material should be dry and finely ground, otherwise it will clog. Excellent to apply dusting sulphur, slug shot or roach powders. Price, each, 50c; by mail, 65c.

Hudson No. 133 Senior Trombone Sprayer—A double acting, high pressure compressed air sprayer that handles all solutions for spraying tall trees right from the ground. Maintains a continuous stream without much undue exertion on part of the operator. Fine for washing automobiles, fighting fire, whitewashing, in addition to spraying all garden crops, fruit trees and shrubs. It is easily cleaned, made of brass and will last indefinitely if taken care of. Price, complete, $4.00; by mail, $4.30.

Hudson No. 665 Major Duster—Handles Calcium Arsenate, Paris Green, Tobacco Dust, etc. very satisfactorily; has powder strainer to prevent clogging and give a uniform volume of discharge. Has extra nozzle for applying powders to under side of leaves. This is a real duster that will do the work well. Price, each, $1.00; by mail, $1.20.

Hudson No. 32S Ideal Portable Sprayer—This is a real sprayer—one that you can depend on in every way. Capacity 12 gallons, with 10 feet of %4-inch spray hose and 4-foot pipe extension. Red shut-off cock and ideal nozzle; a portable outfit attached to an iron wheelbarrow frame with wheel. Weight 67 lbs. Price, $22.00.

Hudson No. 33S Ideal Portable Sprayer—The same as the No. 32 outfit, excepting it is equipped with a reserve air pressure gauge and tank. See illustration. Once the desired pressure has been reached, the air chamber supplies an even pressure, making it practically a one-man outfit. Both of these portable sprayers can be used for disinfecting, whitewashing, as well as for spraying trees, shrubs, etc. Price, No. 32S Sprayer, $33.75.
R.-H. Co.'s Fertilizers

R.-H. Co.'s Sheep Manure
A pure, natural manure, free from all noxious weeds. Highly recommended and used largely as a fertilizer for lawns, potted plants, vegetables, flowers, etc. It furnishes a natural humus to the soil, giving immediate and lasting results. Easy to use and safe as it does not burn.

It may be used at the rate of 20 to 50 lbs. to every 1,000 square feet in a dry form, or 500 to 1,000 lbs. per acre.
Prices: 5 lbs. 25c; 10 lbs. 45c; 25 lbs. 75c; 50 lbs. $1.25; 100 lbs. $2.25.
By parcel post, 5 lbs. 45c; 10 lbs. 75c.

Nitrates of Soda
Everyone that used Nitrate of Soda on the cotton crops was well repaid for the expense. Application of Nitrate of Soda on cabbage, lettuce, beets, etc., makes them more crisp and tender. Always fine and dry. Price in bulk, 4 lbs. 25c; 10 lbs. 50c; 25 lbs. $1.00; not mailable.
For prices on larger quantities, refer to Green Ink List in this catalog.

Calcium Nitrate
15% Nitrogen; 50% Limestone Equivalent. Attracts Moisture—Dissolves Quickly. Calcium Nitrate is the most quickly and easily soluble of all nitrogen fertilizers. It will dissolve in its own weight of water. In dry weather it will attract enough moisture from the air to dissolve itself. Even in a dry season it absorbs sufficient moisture from the soil to dissolve and begin feeding the crop at once. Calcium Nitrate is the quickest and surest nitrogen fertilizer to use in dry weather. Prices given on application.

Cal-Nitro
Cal-Nitro contains lime in a form which helps to check soil acidity and also supplies lime as a plant-food. Many soils are deficient in lime and too acid to produce maximum yields. Price on application.

R.-H. Co.'s Commercial Fertilizers
Especially prepared for us. They excel in mechanical condition, are especially prepared for us. They excel in mechanical condition, are fine and dry and easily spread by hand in drill or broadcast. Oijr various brands are described below, quoted on request. Analysis about as follows:

- Good Luck corn fertilizer
- R.-H. Co.'s Special Cotton Mixture
- R.-H. Co.'s Early Trucker Fertilizer
- R.-H. Co.'s Acid Phosphate
- R.-H. Co.'s Bone Meal
- R.-H. Co.'s Muriate of Potash
- R.-H. Co.'s Kainite (Potash Salt)

Can furnish prices on other formulas.
Quantity Prices: For above prices on Fertilizers, see Green Ink List enclosed.

R.-H. Co.'s Bone Meal Fertilizer
We guarantee our Bone Meal to analyze 24.5% phosphoric acid and not less than 2.47% amonium. Bone Meal is an excellent fertilizer for all kinds of fruit trees, rose bushes, grape vines, bulbs, ferns, and other potted plants; and for grass crops. It is especially desirable for producing solid, firm growth, which is an important feature in fertilizing the orchard, shade trees, shrubs, etc. Fine for lawns, 5 lbs. 25c; 25 lbs. $1.90; 125-lb. sack $3.75 by parcel post, 5 lbs. 45c.

NitroPhoska
15-30-15
NitroPhoska contains 15 per cent nitrogen, 30 per cent phosphoric acid, and 15 per cent potash—all of which is soluble and easily available for rapid, sturdy growth.

Cal-Nitrogen
15% Nitrogen; 50% Limestone Equivalent. Attracts Moisture—Dissolves Quickly. Calcium Nitrate is the most quickly and easily soluble of all nitrogen fertilizers. It will dissolve in its own weight of water. In dry weather it will attract enough moisture from the air to dissolve itself. Even in a dry season it absorbs sufficient moisture from the soil to dissolve and begin feeding the crop at once. Calcium Nitrate is the quickest and surest nitrogen fertilizer to use in dry weather. Prices given on application.

Granulated Peat Moss—G. P. M.
A moisture-retaining humus. Quickly decomposes so that it is available for plant food. It is excellent for potting bulbs and also for clayey soils, gravelly soils, flower beds, nothods, and as a winter protection for lawns. It is also good for mulching roses, perennial flower beds, evergreens, etc.

Prices—Not prepaid, trial bale containing 2 bushels (compressed) $1.25; prepaid $1.65. Not prepaid, large 20 bushel bale (compressed) $3.75.

Lawn and Garden Lime
Lime sweetens sour soil and gives nature a chance to release the potash which is natural in our soil. Three to five pounds for a plot 10x10 or 100 square feet is about the right quantity for gardens.

Prices—White Hydrated Lime, 10-lb. bag 30c; 50-lb. bag 75c; not mailable.

VigorO
Specially prepared plant food for the Vegetable and Flower Garden, Lawn, Shrubbery and Trees. A highly concentrated odorous plant food made by Swift & Co. Produces wonderful results when making new lawns or dressing old ones. Vigoro produces more and more brilliant lawns, full fruited shrubbery, delicious vegetables and beautiful trees. It is the ideal plant food for whatever you grow. Write for descriptive pamphlet. Prices: 12-oz. pkg. 10c; 5 lbs. 50c; 25 lbs. $1.75; 50 lbs. $3.90; 100 lbs. $6.90. By mail, 12-oz. pkg. 15c; 5 lbs. 65c.
For Beautiful Lawns and Gardens

All plants require a complete, balanced diet for full growth and beauty. The best seed or plants will not produce good results if grown in a soil which is deficient in any one of the many necessary food elements.

For velvety-green lawns with deep, extensive roots; large, beautiful flowers; luxuriantly foliaged shrubs and trees; and early, delicious vegetables, feed them Vigoro, the complete, scientifically balanced food for all plants, and you may be sure your plants have all the nourishment they need.

Vigoro is easy to use and economical. Simple directions for feeding everything you grow accompany each bag or package. Vigoro is used annually on 3,000,000 homes. We recommend it.

The Vigoro Spreader applies Vigoro, grass seed, and other materials evenly and accurately. Write for prices and full description.

Prices:

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<th>Size</th>
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F. O. B. MEMPHIS

VIGORO
Complete plant food
A Product of Swift & Company

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
SEED Sowers--Fertilizer Distributors

Vigoro Spreader

You Need This New Gardening Aid!
Spreads Vigoro and seed evenly and accurately. Saves time and labor. Ideal for sowing on windy days. Designed for use on established lawns. Can be used on newly prepared soils if well-armed. Costs no more than a good garden spade. Sturdily constructed. Weight 6 lbs. Has 14-in. spread. $1.95 plus postage.

Thompson Fertilizer and Seed Distributor

Designed to spread evenly pulverized sheep manure, Loma, Vigoro, Bone Meal, etc. Spread 3 feet wide as fast as a man can walk. Wind won't blow lawns or greens. Capacity, 2/3 of a bushel. Ask for circulars. No. 112.................. $12.50

For Large Areas
Use One of the
Larger Vigoro Spreaders

A size for every need. Will soon pay for itself in saving of time and labor.

Little Vigoro Spreader

Easy running, sturdy machines with a patented force-feed principle. Spread Vigoro, seed, salt, sand, and insecticides uniformly at any desired rate. Equipped with handle controlled shut-off. Equally efficient on established lawns or soft ground.

Made in three sizes:

Junior—14-inch spread........... $5.75
Standard—24-inch spread........... $10.00
Special—36-inch spread........... $16.00

All prices f. o. b. Memphis.

Cahoon Broadcast Seed Sower

One of the best seeders manufactured, and sows all kinds of grain, clover seeds, etc. Very strong and durable. Price, each, $2.75; by parcel post, $4.10.

Coop Seed Saver

A practical device for saving Lespedeza, sweet clover and any other small seed or grain that shatters while cutting. It saves your seed and turns waste into profit. Attach a Coop Seed Saver to your mower and let it pay for itself in one-half day. It will last for years. Thousands of satisfied customers who are using Coop Seed Savers is your assurance that we are offering you something worthwhile. They are "Standard in the South." Made in all sizes from 4½ feet to 7 feet; also special sizes for tractor mowers.

Pan for 4½-foot mower............... $10.50
Pan for 5-foot mower............... $11.00

Other sizes quoted on request.

Cyclone Broadcast Seed Sower

Will sow Timothy, Clover, Oats, Rye, Wheat, Millet, Grass Seeds, Peas, Sorghums, etc. Distributes evenly, works perfectly; has an agitating feed plate which insures a uniform flow of seed. Price, each $2.00; by parcel post, $2.20.

The Horn Seed Sower

A splendid little tool, simple and easy to operate. Will sow any fine seed like Clover, Lespedeza, Timothy, Alfalfa and Grasses. Price, 95c; by parcel post, $1.05.

Hotkaps

New Method of Plant Protection

This is a miniature greenhouse; keeps cold, light frosts, wind, etc., from plants. Cover seed like Cantaloupe, Squash, Cucumbers, Melons with a Hot Kap. They are then protected. Pinch a few holes in the paper for ventilation and watch the plants grow. The use of Hot Kaps will get crops to market four weeks earlier.

Price, 100 Hot Kaps with Garden Setter, $2.50; by mail, $2.75.
Price, 200 Hot Kaps with Garden Setter, $4.00; by mail, $4.30.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
GERMACO HOTKAPS are patented wax paper cones that completely cover each plant—the only way to fully protect them from frost. They are an "individual hothouse for each plant," protecting them not only from frost, but from wind, rain, ground-crusting, and insects as well. This is your assurance of earlier, bigger crops, and early-to-market prices.

HOTKAPS are quickly and easily "set." One man can set over 2,500 of them in a day. The illustrations on the left show how they are placed with the aid of the Germaco HOTKAP Setter and Tamper. Thousands of progressive farmers in every state are now regular users of this modern crop necessity. They are getting bigger, harder crops and greater profits than ever before.

Write us today about this money-maker, or simply order your season's supply now.

Prices: HOTKAPS are packed 100, 250 and 1,000 to the package. All orders should be in multiples of these quantities.

- 100 with Garden Setter and Tamper........... $ 2.50
  By mail ........................................ 2.75
- 250 with Garden Setter and Tamper........... 4.00
  By mail ........................................ 4.30
- 500 with Garden Setter and Tamper........... 7.00
  By mail ........................................ 7.60
- 1,000 Hotkaps without Setter................. 11.00
- 5,000 Hotkaps without Setter, per 1,000........ 10.50
- 10,000 Hotkaps without Setter, per 1,000...... 10.00

F. O. B. Memphis

Germaco Hotkap Steel Setter with Tamper........ 2.50
  By mail ........................................ 2.65
Garden Setter alone.................................. .40
  By mail ........................................ .50

Where large quantities are to be set the Steel Setters should be used, consequently the 1,000 packages do not include the Papier Mache Garden Setter.

Weight: 1,000 package HOTKAPS, 28 lbs.; 250 package, 9 lbs.; 100 package, 5 lbs.; steel Hotkap Setter, 3 lbs.

GERMACO HOTKAPS FOR EARLIER CROPS

Protect plants from frost
for earlier crops and higher prices
FLOWER POTS — GARDEN TOOLS

Flower and Bulb Pots

Prices the same on both styles.

2 1/2 inch. Doz. $ .20; 100, $1.50
3 inch. Doz. .30; 100, 1.75
4 inch. Doz. .35; 100, 2.50
5 inch. Doz. .40; 100, 3.25
6 inch. Each .10; Doz. .85
7 inch. Each .15; Doz. 1.25
8 inch. Each .20; Doz. 2.25
9 inch. Each .25; Doz. 2.50
10 inch. Each .45; Doz. 4.25
12 inch. Each .85; Doz. 9.75

FLOWER POT SAUCERS

Each $.05; Doz. $.55
Each $.10; Doz. .90
Each $.12; Doz. 1.25
Each $.25; Doz. 2.50

Neponset Paper Flower Pots

2 1/2-inch. 100, 60c; 1,000, $4.50; postpaid, 100, 70c
3-inch. 100, 75c; 1,000, $6.50; postpaid, 100, 90c

Wire Flower Baskets

8-inch. Each $.20; postpaid .30
10-inch. Each $.25; postpaid .35
12-inch. Each $.45; postpaid .65

GREEN SHEET MOSS

For lining hanging baskets, decorations, etc. Gives them an attractive green appearance. Postpaid, 1 lb. 50c; 5 lbs. $2.50; 10 lbs. $5.00. Not prepaid, 1 lb. 50c; 5 lbs. $2.25; 10 lbs. $4.50.

Wire Flower Basket

Hand Pruning Shear

Two-Hand Corn Planter, $1.25
One-Hand Corn Planter, $1.75
9-Inch Hedge Shears, $2.25
Asparagus or Dandelion Knife...
Hudson 12-inch Hand Cultivator
Hedge Shears, 4-inch blade...
Hudson 6-tooth Wheel Cultivator
Weather Thermometers

Victory Weed Cutter, $1.00

Strawberry Box
Cyclone Picking Bag, 60c
Mole Trap, 90c

Three-Piece Garden Set Pruning Saw

Garden Rakes, Twine, Etc.

18-prong Wooden Lawn Rake... Each $ .60
Veneer Wooden Tree Protectors... Each 1.50
Cotton Twine, 2½-oz. balls, 4-ply... Dozen balls 60
Two-ply Jute Twine, 3½ lb. balls... Each 1.20
Two-ply Jute Twine, 50-lb. coils... Each 7.50
Masters Plant Setters... Each 2.50
Bischof Stave Baskets, wire handle... Dozen 1.25

Garden Weeders and Trowels

No. 88 Moe's Dandelion Weeder... Each $ .15
No. 860 Gibson 5 pt. hand... Each .10
No. 82 Moe's 5 pt. Claw Weeder... Each .15
No. 96 Michigan Wire Weeder... Each 1.10
No. 929 Villare 4 pt. 10 in. Weeder... Each .90
Planet, Jr., Bush Trowel... Each .70
Planet, Jr., Hand Garden Trowel... Each .70
Planet, Jr., Hand Weeder... Each .70
Garden Set, 3-piece—2 Trowels, 1 Weeder... Per set 60

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
RUSSELL-HECKLE’S DOG FOODS

We are headquarters for the best Dog Foods and sell at factory prices as we are carlot buyers. Our stocks are always fresh and dependable. It pays to use our prepared Dog Foods as your dogs will keep in better condition and health.

Miller's A-1 Dog Biscuit
Miller's A-1 Dog Biscuits contain the necessary vital body and bone building elements in their proper proportions to sustain good health in your dogs. Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Miller's A-1 Puppy Meal
Miller's A-1 Puppy Meal is especially adapted for the tender digestive organs of puppies. Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Miller's A-1 Kibbled Biscuit
Miller's A-1 Kibbled Dog Biscuit is the same as whole only in broken form which makes it convenient for mixing with vegetables, meat, fish, soups, broths, etc. Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Bennett's Milk Bone Dog Biscuit
A superior biscuit. Keeps dogs in good condition; is a complete, easily digested perfectly balanced food suitable for all breeds. Per box, 35c; by parcel post, 45c.

Champion Dog Foods
Champion Dog Food is a complete and balanced diet for all ages and breeds of dogs. It is made from clean, fresh, wholesome ingredients. It contains a large content of fresh meat, white flour, whole wheat, corn meal and oat meal, iodine as a preventive of goiter, pure cod liver oil to furnish vitamins and prevent rickets, and various mineral salts to strengthen the bones.

Champion Dog Biscuit
Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Champion Kibbled Dog Biscuit
(The broken small pieces.)
Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Champion Puppy Meal
Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Happy Dog Feed contains the finest, dried buttermilk, and the sweetest meat meal for strong muscles; the choicest cereal products for energy and condition; and selected minerals for sturdy bones and strong white teeth.

Champion Dog Foods
Champion Dog Food is a complete and balanced diet for all ages and breeds of dogs. It is made from clean, fresh, wholesome ingredients. It contains a large content of fresh meat, white flour, whole wheat, corn meal and oat meal, iodine as a preventive of goiter, pure cod liver oil to furnish vitamins and prevent rickets, and various mineral salts to strengthen the bones.

Champion Dog Biscuit
Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Champion Kibbled Dog Biscuit
(The broken small pieces.)
Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

Champion Puppy Meal
Bulk, 1 lb. 15c; by parcel post, 22c; 8 lbs. $1.00; by parcel post, $1.20; 25 lbs., within second zone, $2.75; by parcel post within second zone, $2.50.

K. F. S. Kibbled or Broken Dog Biscuit
Contains cereals, vegetables, Cod Liver Oil, meat in larger proportions than most feeds, etc. It is a high-grade food at a reasonable price. A balanced ration. Prices: 1 lb. 15c; 8 lbs. $1.00; 25 lbs., within second zone, $2.50.

Riteway Condition Powder
A tonic and conditioner for dogs, puppies and cats. Contains Calcium, cod liver oil and other minerals essential to proper digestion and general health. Should be fed with care and after whelping. Produces rich milk and prevents rickets. 4-oz. pkg. 25c; postpaid, 35c; 16-oz. pkg. 35c, postpaid; 5-lb. pkg. 55c; 10-lb. pkg. 85c; 25 lbs., within second zone, $2.50.

For Quantity Prices: See Green Ink Price List Enclosed
R.-H. Co.’s CANNED DOG MEAT—DOG REMEDIES

Ken-L-Ration
The Dog Food Supreme.
These Foods Are Literally Full of Vitamins.
Composed of clean, wholesome meat, the best grade of cereals and Norwegian cod liver oil. A perfect balanced ration.
1-lb. can 15c; 6 cans 96c; case 48 1-lb. cans $5.85; by parcel post, 1-lb. can 25c; 6 cans $1.15.

Pup-E-Ration
In the perfect puppy food. Very rich in protein, calcium phosphate, cod liver oil and marrow fat. 1-lb. can 20c; 6 cans $1.00; case 48 1-lb. cans $6.40; by parcel post, 1-lb. can 28c; 6 cans $1.25.

Hemo-Ration
Is a meat, blood, cereal and cod liver oil product. Ideal food for breed stock, kennels and convalescents. 1-lb. can 20c; 6 cans $1.00; case 48 1-lb. cans $6.00. By parcel post, 1-lb. can 28c; 6 cans $1.25.

Maro-Meat
A clear meat-and-marrow product, to be mixed with other and lighter material. 2%-lb. can 40c; dozen cans $4.00; case 18 cans $5.75. By parcel post, 1-lb. can 28c; 6 cans $1.25.

Kit-E-Ration
Perfect balanced ration. For 145 Farm Uses.

Miller’s A-1 Quick Lunch
A clean meat product designed to meet the needs of a quick lunch for dogs and puppies; rich in protein and organic matter. Can be used as a complete food, or with Miller’s Canned Meat. 1-lb. can 15c; 12 cans 1.50; case 48 1-lb. cans $5.48. By parcel post, 1-lb. can 28c; 12 cans $1.80.

Miller’s A-1 Canned Meat
Solid cooked, pure horse meat, ready to feed alone or mix with Ration, Biscuit, Ribbed Biscuit or Vegetables, etc. Highly concentrated, contains no bones, no fat, just thorough cooked meat, ready to serve. More food value to one pound Miller’s Canned Meat than three pounds of raw beef.
2%-lb. can 35c; 6 cans 2.00; postpaid.

PULVEX
Pulvex is the new and remarkable dusting powder for animals and birds.
One application of Pulvex is enough, because Pulvex is thorough, because, unlike ordinary powders, it actually kills the insects, not merely stunning or stupefying them. Pulvex is different in every way from anything else you have ever used. It is better, safer and easier. 6-oz. box 50c. By mail 55c.

SOPEX
Sopex is a satisfactory and safe combination Shampoo and destroyer of lice and fleas on dogs. A wonderful shampoo, that cleans the animal and adds lustre to the coat. Two applications of Sopex will absolutely rid your dog of every flea. Mix at rate of 4 tablespoonsful Sopex to 1 gallon of warm water. Price, 4-oz. can 75c. By mail 85c.

PULVER DOG SOAP
In addition to thoroughly cleansing your dog and ridding it of parasites, Pulver Dog Soap contains made of choice olive oil and other pure ingredients, has a stimulating effect on the animal’s skin, and gives a beautiful gloss and softness to the hair. Price, 50c; by mail 55c.

Delcreo Dog Remedies
The Delcreo Dog Remedies are in accordance with the latest and most successful developments of medical progress. They are accepted and endorsed by the leaders of the kennel world.
Delcreo—For Distemper and Black Tongue. 4-oz. bottle post $1.50; by parcel post $1.60; 16-oz. bottle $5.00; by parcel post $5.25.

Delcreo Tonic—5-oz. bottle, $1.15 Delcreo Worm Capsules—For puppies, small dogs and large dogs. Box, $1.30.

You have no home if you have no dog
REG U. S. PAT. OFF.

“Tet” (Tetrachlorethylene)
For Worms
Tetrachlorethylene is endorsed by the U. S. Department of Agriculture as the safest known effective wormer for Dogs and Puppies. Prevents and cures Running, Barking Fits and Sore Mouth.
Price, per box (all large capsules for large size dogs), $1.00.
Price, per box (all small capsules for small size dogs), 65c.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

Glover’s Dog Remedies

Glover’s Antiseptic Mouth Wash...$ 0.65
Glover’s Blood Purifier...$ 0.65
Glover’s Canker Wash...$ 0.65
Glover’s Compound Sulphur Tablets...$ 0.50
Glover’s Condition Pills...$ 0.70
Glover’s Diarrhea Medicine...$ 0.75
Glover’s Digestive Pills...$ 0.75
Glover’s Expectorant Mixture...$ 0.75
Glover’s Eye Lot. & Eye Wash Powd...$ 0.65
Glover’s Flea and Insect Powder...$ 0.60
Glover’s Hair and Manicure Medicine...$ 0.75
Glover’s Iron Tonic...$ 0.60
Glover’s Kennel and Flea Soap...$ 0.65
Glover’s Laxative Pills...$ 0.75
Glover’s Liniment...$ 0.65
Glover’s Medicated Soap...$ 0.35
Glover’s Nerve Sedative (for fits)...$ 0.65
Glover’s Round Worm Capsules...$ 0.70
Glover’s Round Worm Vermifuge...$ 0.75
Glover’s Sore Foot Medicine...$ 0.75
Glover’s Tape Worm Capsules...$ 0.70
Glover’s Tetrachlorethylene Capsules...$ 0.70

Write for Glover’s book on Dog Diseases.

Q. W. Dog Remedies

O. W. Breeding Tablets...$ 2.00
O. W. Condition Powder...$ 1.05
O. W. Catarrhal Insect Powder...$ 1.05
O. W. Cough Mixture...$ 1.05
O. W. Diarrhoea Remedy...$ 1.25
O. W. Biscuit, for Distemper...$ 2.00
O. W. Dog Soap...$ 0.35
O. W. Ear Canker Lotion...$ 1.25
O. W. Eye Salve...$ 1.05
O. W. Fit Tablets...$ 1.25
O. W. Flea Oil, Coat Grower...$ 1.05
O. W. Flea Powder...$ 1.05
O. W. Healing Salve...$ 1.05
O. W. Liniment...$ 1.05
O. W. Sulphur Compound...$ 1.05
O. W. Mange Lotion...$ 1.05
O. W. Mange Lot. (all small capsules for small size dogs)...$ 1.00.
O. W. Worm Capsules...$ 0.75
O. W. Worm Mixture...$ 1.05
O. W. Insect Powder...$ 0.50

These well-known dog medicines are preferred by many kennel owners because they give results.
RUSSELL-HECKLE'S DOG REMEDIES

Clayton's Dog Remedies

Vitamil
A condition of yeast, cod liver oil, calcium phosphate, etc. Vitamil aids digestion, prevents rickets, helps to eradicate worms, and is a great in combating and preventing running and barking fits, mange and other ailments. Especially good for growing puppies; stimulates the appetite, builds bone and muscle.

To insure healthy puppies, give Vitamil daily to both the male and female for several weeks before mating. Postpaid, 4 oz. can 55c; 1 lb. $1.05; parcel post 80c; 1 lb. $1.25.

Bradley's Submarine Worm Expeller
Gives the last worm. There can be no failure if direction is followed. Per box $1.00; by parcel post $1.15.

Calcium
Makes puppies grow strong and healthy
A mineral compound fed to the mother before and after whelping, supplying the essential elements which nature requires for the health of the mother and the rapid, vigorous growth of her offspring.
Calcium takes the place of green bone food and prevents acid milk and rickets or softening of the bones. Calcium is not a complete food in itself, but a small amount being used in conjunction with the regular food. 1 lb. $1.00. By parcel post $1.15.

Interno Mange Remedy
Interno is an internal remedy for mange and other skin diseases.

RUSSELL-HECKLE'S DOG COLLARS AND LEADS

Flat Dog Collars

No. 101—A good, strong collar with name plate in assorted sizes. Price 50c each. By parcel post 60c.

Fancy Round Leather Collars

No. 436—% inch buckle, assorted lengths. Each 75c; by parcel post 85c.

RUSSELL-HECKLE'S RAT AND MOUSE

MOUSE SEED
No mixing needed. The perfumed seed attracts and kills the mice that eat it. Box 25c; not mailable.

ZELIO RAT POISON
A powerful rat and mice destroyer. It acts slowly and the animal leaves the premises instead of dying in the hole. 2-oz. tube 50c. Poison; not mailable.

ZELIO POISONED WHEAT
Kills rats and mice. Can 35c; not mailable.

RATSOL
A new non-poisonous exterminator of rats and mice. Harmless to man and domestic animals, poultry, dogs or cats. Purchase price refunded if it fails. Price: 2-oz. package 50c; by mail 60c.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED.
R. H. Co.’s BIRD CAGES AND SUPPLIES

Fancy Duco Bird Cages

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Red and black, blue and gold, green and black.</td>
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</table>

Colors. Real classy, strong, handsome and an ornament to any home.

We have these in several beautiful colors: Red and black, blue and gold, green and black.

- No. 2274—Diameter 10½ inches, height 13 inches. Each $2.00.
- No. 2275—Diameter 11 inches, height 13½ inches. Each $2.75.

Fancy Duco Cage Stands

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>Each $1.25; by parcel post $1.60.</td>
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</table>

We have these in several beautiful colors: Dark shading; red with black shading.

- Diameter 10½ inches, height 13 inches. Each $1.25; by parcel post $1.60.
- Diameter 11 inches, height 13½ inches. Each $1.25; by parcel post $1.60.

New Style Welded Cages and Stands

Durable, high glass finish. Colors: Green with dark shading; red with black shading.

- Style "C" Cage, 10 inches in diameter, 14 inches high, with wire guard and colored and water cups. Each $1.25; by parcel post $1.60.
- Style S. C. Cage Stand, in colors to match above cages, 5 feet, 5½ inches in height. Each $1.25; by parcel post $1.60.

Metal Breeding Cages

Absolutely vermin-proof, complete with solid and wire partitions, metal drawer and solid back. 4 glass cups, 6 perches and 2 nests.

- No. 866—11½ x 8 x 14, each $4.75; by parcel post $5.20.
- No. 871—22 x 11 x 16½, each $5.75; by parcel post $6.25.

Bird Cage Bracket

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<tr>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>Each paid</td>
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Birds Bath—Bird Nest

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<tr>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>Baths, opal.</td>
<td>.15</td>
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<tr>
<td>Nests, wire</td>
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<tr>
<td>Nesting Hair, pkg.</td>
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<tr>
<td>Insect Cup, filled</td>
<td>.10</td>
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<tr>
<td>Novelty Bells</td>
<td>.10</td>
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Bird Cage Cups

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<th>Description</th>
<th>Price</th>
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<tr>
<td>Each paid</td>
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Bird Seed and Remedies

<table>
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<tr>
<th>Description</th>
<th>Price</th>
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<tbody>
<tr>
<td>Per lb</td>
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Spratt’s Canary Supplies

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<tr>
<th>Description</th>
<th>Price</th>
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Haller’s Bird Remedies

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<th>Description</th>
<th>Price</th>
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West Bird Remedies

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<th>Description</th>
<th>Price</th>
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<td>Each paid</td>
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Cuttle Fish Bones

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<th>Description</th>
<th>Price</th>
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<td>Each paid</td>
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Gold Fish Food

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<th>Description</th>
<th>Price</th>
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<td>Each paid</td>
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</table>
Quaker Ful-O-Pep Poultry Feeds are built to the highest standards of production. Each is carefully mixed to fill its special purpose. All Ful-O-Pep Mashes contain oatmeal. Actual tests have proved that birds fed oatmeal feeds give the best and quickest weight and laying results. Each mash is properly balanced with a variety of high-grade ingredients. They now contain dried buttermilk.

**Quaker Ful-O-Pep Poultry Feeds**

- **Ful-O-Pep Chick Starter**: Ful-O-Pep Chick Starter is just the feed chicks need during the first six weeks after hatching. It contains oatmeal, other grain products, cod liver meal, molasses and minerals. It reduces the mortality rate of the flock. Strong bones, firm flesh, and healthy, hardy birds result from its use. 8 1/3 lb. pkg. 48c; by parcel post within second zone, 60c.

- **Ful-O-Pep Growing Mash**: This balanced feed offers poultry raisers a profitable short cut to marketable meat birds and egg-producing pullets. It should be fed from the sixth week until the sixth month. Oatmeal in the mash insures an unusual quantity of fine-fleshed, delicate-flavored breast meat. 8 1/3 lb. pkg. 35c; by parcel post within second zone, 55c.

- **Ful-O-Pep Egg Mash**: This mash keeps hens healthy, active, and eager to lay. It contains oatmeal, other grain products, molasses (in dry form), necessary minerals, proteins and carbohydrates—just the things hens need to make quantities of eggs. Results accomplished keep the actual feed cost of the eggs remarkably low. 8 1/3 lb. pkg. 30c; by parcel post within second zone, 50c.

- **Ful-O-Pep Fine Chick Feed**: High quality milling grains have been carefully cracked to the right size for baby chicks. For the best results it should be fed with Ful-O-Pep Chick Starter until the chicks are six weeks old. 8 1/3 lb. 30c; by parcel post within second zone, 50c.

- **Ful-O-Pep Coarse Chick Feed**: Ful-O-Pep Coarse Chick Feed contains a mixture of assorted grains. It is suitable for feeding after the chicks are six weeks old. Fed with Ful-O-Pep Growing Mash it completes the feed requirements for a growing bird. Only fresh grains of the best quality are used. Sold in bulk only. 10 lbs. 30c; by parcel post within second zone, 50c.

- **Ful-O-Pep Fattening Feed**: Full-O-Pep Fattening Feed is built to fill the needs of poultry raisers or poultry dealers who are fattening fowls for the market. Special ingredients make it easily digested. Ask for price. Prices on 25-lb., 50-lb. and 100-lb. bags of Full-O-Pep Poultry Feeds are given on Special List in this catalog.

- **Ful-O-Pep Turkey Starter**: Full-O-Pep Turkey Starter does the work. It tends to keep the pouls in proper condition. Avoid the old method of raising turkeys on hard-boiled eggs, corn bread, etc. Use Ful-O-Pep Turkey Starting Mash and you will raise nearly all you hatch. Ask for Raysem Booklet on Turkey Raising. Price, Ful-O-Pep Turkey Starter, 8 1/3 lb. bag 40c; by parcel post within second zone, 60c.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Conkey's Buttermilk Chick Starter with Y. O. Yeast and Cod Liver Oil is now pronounced by authorities everywhere to be the finest, purest and the best Baby Chick Starter on the market. Remember, every ingredient is present, therefore Conkey's will raise every livable chick.

For quantity prices: see Green Ink Price List enclosed.

It is a vitalized feed; a combination of digestible food with Buttermilk, Yeast and Cod Liver Oil (Y. O.).

No other Chick Starter contains these much-needed vitamins that keep chicks healthy and strong. It's the Y. O. Yeast and Cod Liver Oil that places Conkey's Chick Starter in a class by itself.

Conkey's Buttermilk Chick Starter is appetizing, wholesome, highly digestible, always uniform and complete in every element needed for bone, muscle, feathers and health.

Conkey's Buttermilk Chick Starter is the ORIGINAL buttermilk chick starter. Conkey's carries buttermilk with Y. O. in just the right proportion as an aid in prevention of bowel troubles, "leg weakness," etc.

Prices:
- 5 lbs. 30c; 10 lbs. 55c.
- By parcel post within 2nd zone, 5 lbs. 45c; 10 lbs. 75c.

Conkey's Original Buttermilk Starting Feed With Y. O.

This superior chick mash was the first commercial poultry feed containing buttermilk and Yeast and Cod Liver Oil (Y. O.) that is why we call it the ORIGINAL buttermilk starting feed. Conkey's carries buttermilk with Y. O. in just the right proportion as an aid in prevention of bowel troubles, "leg weakness," etc.

Prices:
- 5 lbs. 30c; 10 lbs. 55c. By parcel post within 2nd zone, 5 lbs. 45c; 10 lbs. 75c.

Conkey's Fine Chick Feed

Extra fine quality and composed only of sound, wholesome grain carefully and scientifically balanced. No stale or damaged grain is ever used in preparing it.

How to Feed Chick Grains — When the chicks are 4 days old, begin giving them two feeds a day of Conkey's Chick Grains. Feed the grains sparingly at first in the litter every morning. Give a moderate feeding of the Chick Grains in the evening.

Price: Conkey's Fine Chick Feed—10 lbs. 35c; by parcel post within 2nd zone 30c.

Conkey's Y. O. Yeast With Cod Liver Oil

Is a concentrated dry powder. All ready for mixing with mash. 2% for grown fowls, 1½% for chicks. Insures all the necessary vitamins to prevent break-down of laying hens. Increases fertility of breeding stock. Improves number and quality of eggs. Makes better hatches and chicks that live. Also give it to baby chicks to prevent Leg Weakness. 1-lb. pkg. 50c; parcel post 60c; 2-lb. pkg. 90c; by parcel post $1.00; 5-lb. pkg. $1.60; by parcel post $1.75.

Conkey's All Mash Feed

Contains all the elements needed to raise chicks; especially made for Battery chicks. However, it can be used in the regular way. It is not necessary to feed any grain when using Conkey's All Mash Feed up to 4 weeks, since it contains Cod Liver Oil, Yeast and other minerals in proper combination that will keep chicks healthy and make them grow. For chicks up to 4 weeks old, use Conkey's All Mash Feed, then switch gradually to Conkey's Growing Mash with Y. O. At this time, if chicks are on range, it is profitable to introduce growing grains for growing birds. Conkey's Booklet, giving you information how to feed your baby chicks, is free on request.

Price Conkey's All Mash Feed: 10 lbs. 45c; by mail within 2nd zone 65c.

DRIED BUTTERMILK

Dried Buttermilk not only prevents white diarrheas and other poultry troubles but also increases the digestibility of the balance of the ration. 5 lbs. 40c; by parcel post 55c.

ROLLED OAT MEAL

A valuable food for both baby and growing chicks, rabbits, etc. Makes a fine dog food when cooked. 5 lbs. 25c; parcel post 40c; 10 lbs. 45c; mailed 65c.

LINSEED MEAL

Used in poultry mash feeds. 4 lbs. 25c; by parcel post 40c.

DIGESTER-TANKAGE OR MEAT MEAL

A pure lean-beef fibre, carefully dried while fresh, and will keep indefinitely. It is excellent for hog feeding and may be mixed and fed in a mash to great advantage. By freight, 5 lbs. 25c; by parcel post 40c.

Conkey's Growing Grains

A mixture of small grains for growing chicks. Commence feeding when they are 12 weeks old. Conkey's Growing Grains are always of the best quality. 10 lbs. 35c; by parcel post 55c.

Quantity Prices: For quantity prices on Poultry Feeds, see Green Ink List enclosed.

Conkey's Buttermilk Growing Mash With Y. O.

Ingredients: Semi-solid buttermilk, wheat middlings, wheat bran, corn feed meal, ground barley, hulled oats, bone, meat scraps, bean meal and oil meal and Y. O.

This mash is fed after the chicks are 4 weeks old. It is balanced for rapid development of muscles, bones, vital organs and feathers. 10 lbs. 40c; by parcel post within 2nd zone 50c. Ask for quantity prices on Conkey's Buttermilk Starting and Growing Mashes.

Conkey's All Mash Feed

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Price Conkey's All Mash Feed: 10 lbs. 45c; by mail within 2nd zone 65c.

DRY SKIM MILK

Promotes rapid development of chicks. An effective control of coccidiosis. One pound Dry Skim Milk makes one gallon of the mixture. 5 lbs. 45c; by parcel post 60c.

CANADA FIELD PEAS

Essential for mixing in pigeon feed. 4 lbs. 30c; by parcel post 40c; 10 lbs. 50c; mailed 70c. Quantity Prices: See Green Ink List enclosed for quantity prices on poultry feeds, etc.
Staf-O-Life Poultry Feeds

Staf-O-Life Chick Starter
Unquestionably one of the finest chick starter mixes on the market. Should be fed to chicks during the first six weeks. Contains buttermilk, oatmeal, the finest selected grains and is fortified with pure tested Cod-Liver Oil concentrate. Insures normal, healthy development and big-boned, husky chicks. Reduces mortality rate to a minimum. 8 1/3-pound bag, 40c; by parcel post within second zone, 60c.

Staf-O-Life Growing Mash
At four to six weeks of age, chicks should be put on Staf-O-Life Growing Mash. This developer mash offers poultry raisers a profitable short-cut to marketable meat birds and egg-producing pullets. Contains buttermilk, oatmeal, carefully selected grains and pure tested Cod-Liver Oil. 8 1/3-pound bag, 35c; by parcel post within second zone, 55c.

Staf-O-Life Laying Mash
Recognized throughout the South as one of the greatest egg producers on the market, Staf-O-Life Laying Mash will keep your birds healthy, active and profitable. It is a perfectly balanced ration when fed with Staf-O-Life Scratch Grains, and contains the necessary minerals, proteins and carbohydrates, fortified with pure, tested Cod-Liver Oil. 8 1/3-pound bag, 30c; by parcel post within second zone, 50c.

Staf-O-Life All Mash Battery Feed
A complete feed in itself for producing broilers or breeders, in brooders or confinement. Nothing else need be fed in conjunction but clean, clear water. This feed is outstanding in the results it produces, amply protected against Vitamin D deficiency, and chicks may be safely raised totally without direct sunlight. 8 1/3-pound bag, 40c; parcel post within second zone, 60c.

Prices on 25-lb., 50-lb. and 100-lb. bags of Staf-O-Life Poultry Feeds are given on separate price list in this catalogue.
R.-H. Co.'s Poultry, Pigeon and Stock Foods

**Bone Meal for Poultry**

A standard meat food for poultry of all ages. For success and profit it is absolutely necessary to supply them with plenty of animal food in winter to take the place of bugs and other insects they get during the summer months. May be mixed with the mash or fed from a hopper. By freight, 5 lbs. 25c; by parcel post 40c.

**Oyster Shells**

Indispensable for successful poultry keeping, as it aids digestion and the formation of egg shells. It is best to have it where the fowls can get at it all the time. Please state whether the "fine" size is wanted for chicks and pigeons, or the "regular" size for grown fowls. 10 lbs. 25c; by parcel post 46c.

**Charcoal**

Charcoal aids digestion, promotes health, and is generally corrective of many of the poultry ills to which fowls are heir. A little charcoal goes a long way and is worth its weight in gold. Three sizes—fine for chicks; medium, for half-grown fowls and pigeons; coarse, for full-grown fowls. When ordering, state size wanted. 2-lbs. 15c; 4 lbs. 25c. By parcel post, 2 lbs. 25c; 4 lbs. 40c.

**Grit for Poultry**

A highly essential article for both large and small chicks. Don't fail to provide the fowls with some kind of grit. We can furnish the coarse for hen and the fine grade for chicks. Mix it in their feed. We can furnish egg-maker and prevents leg weakness in young chicks. For large chickens; for baby chicks. Be sure to state size wanted when ordering. Price, 10 lbs. 45c; by parcel post within second zone 60c.

**Rabbit Pel-ets**

A convenient and easy way to feed rabbits is to simply give them a few of the pel-ets at a feeding. They furnish all the minerals; thus does produce more milk for their young; makes big bones. There is absolutely no waste. An easy way to feed Cod Liver Oil two ounces a day for each rabbit; pel-ets cost is less than one-half cent per day. That's why pel-ets are so economical. Ask for circulars.

Price, 10 lbs. 45c; by parcel post within second zone 70c.

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FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
WE RECOMMEND BURRELL-DUGGER POULTRY REMEDIES

Burrell-Dugger Poultry Remedies have been used by thousands of poultry owners, from coast to coast, for many years, and they have more than met with general approval.

They are specialized remedies for poultry, produced in an up-to-date, modern laboratory, just as scientifically and carefully as medicines for human beings.

Knowing the satisfaction which Burrell-Dugger remedies have given our customers, we do not hesitate to recommend them strongly. Every one is guaranteed to satisfy you, or your money will be promptly refunded in full.

**AVICOL**

Use Avicol Regularly! It Will Pay You

Don't sit back and say your loss of baby chicks can't be stopped. It can be stopped—easily, quickly and at almost no expense—by using Avicol in the drinking water occasionally. Avicol is a special bowel astringent, and helps the chick withstand infection.

**DON SUNG**

Tonic and Conditioner for Laying Hens

Don Sung is a concentrated medicine—no bulk or filler—ready to add to the mash-feed. It has a direct tonic action and doesn't force or hurt the hen in any way. It does its wonderful work by putting the hen in good health, and helping maintain that health.

**SODIUM FLUORIDE**

Kills Chicken Lice

The U. S. Department of Agriculture and most leading State Agricultural Colleges endorse and recommend the Sodium Fluoride method of killing poultry lice.

**“I Need T. S. F.”**

Lice have probably cost the poultryman more money than any other poultry ailment. Wherever present, their effect is seen in stunting the growth, injuring the health, and reducing the egg production of the whole flock.

After years of study and after numerous tests, they report it the most effective, positive way to get rid of poultry lice. They say it kills all lice—both old and young—including the lice that hatch from eggs present on the fowl at the time of treatment.

For positive results be sure to get the genuine Talcimized Sodium Fluoride (call it T. S. F.), put up by the Burrell-Dugger Co. It is specially processed and prepared especially for poultry use, and is in a convenient, shaker-top package, bearing the U. S. Government’s instructions for applying. One small package will treat about 40 chickens.

Price, small size 35c, postpaid 40c; large size (twice as much) 60c, postpaid 70c.

**GROUP-OVER**

Positive Guaranteed Treatment for Colds in Poultry

Keep Group-Over Handy—Ready to Use.

Keep a bottle of Group-Over on hand, and at the first symptom of a cold in your flock, start giving it to every affected bird. It clears the air-passages and brings relief with magic quickness. Group-Over is easily given. It comes in a liquid form and a few drops will do the work.

This famous remedy is positively guaranteed to give complete, prompt, and positive results, or your money will be refunded in full. There is nothing on the market like Group-Over for roup, colds, and canker.

Price 50c, postpaid 55c; large size (3 times 50c size) $1.00; special size (6 times $1.00 size) $5.00. Powdered Group-Over, 3-lb. size $5.00. All parcel post paid.

THESE REMEDIES ARE SCIENTIFICALLY MADE IN THE LABORATORIES OF THE BURRELL-DUGGER CO.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Barnes' Worm Emulsion

Worm Emulsion is not poisonous to poultry or lower animals in any dosage. It is recommended for all stock and poultry troubles, while they sleep. 1-oz. bottle 35c; 5-oz. bottle $1.00; covers 65 running feet of roost. 1-lb. pkg. 50c; 250-dose $4.50. Syringe and needle with ASL Avian Mixed Bacterin.

Bee Dee Poultry Powders

A poultry and stock medicine. Highly recommended for all stock and poultry troubles, hog cholera, etc. 25c a can; by parcel post 50c; by express or freight only.

Chicklivia

Chicklivia is intended to keep chicks in a continuous healthy growing condition; stimulates digestive and assimilation and at the same time building up strong red blood, bone, muscle and tissue. Its purpose is to enable the chick to throw off disease germs that cause White Diarrhea, Constipation, Colds, General Debility and other chick ailments that make the poultry business so uncertain and hazardous. 1-lb. box, enough to use in 200 pounds chick mash, 50c; by parcel post 60c.

Cholate Compound

For Conditions of poultry. This is commonly called going light in chickens. Cholate Compound will cure and control this trouble. It will also control all cases of Diarrhea. In addition keeps premises sanitary. Per lb. box 50c by parcel post 60c.

An Iron Tonic for Poultry

Cholate is a highly recommended preparation without an equal for building up health and vitality of poultry; also for increasing egg production, reducing death loss and helping baby chicks along to maturity.

Effective in the treatment of Diarrhea and Cholera. A fine tonic for laying hens, as well as turkeys.

Postpaid:
8-oz. bottle $ .40
16-oz. bottle .75
Not Prepaid:
8-oz. bottle .30
16-oz. bottle .60
1 qt. .85
1 gal. 2.00

RUSSELL-HECKLE Poultry Remedies

For Quotations Prices: See Green Ink Price List Enclosed

Cholerine

An Iron Tonic for Poultry

Cholerine is a highly recommended preparation without an equal for building up health and vitality of poultry; also for increasing egg production, reducing death loss and helping baby chicks along to maturity.

Effective in the treatment of Diarrhea and Cholera. A fine tonic for laying hens, as well as turkeys.

Postpaid:
8-oz. bottle .40
16-oz. bottle .75
Not Prepaid:
8-oz. bottle .30
16-oz. bottle .60
1 qt. .85
1 gal. 2.00

Crewed Oil

Paint or spray the poultry house with Crewed Oil. Insects, mites or lice cannot survive where it is. Use Crewed Oil once a month on the perches and wooden parts in the poultry houses. It is a special distilled wood creosote that soaks into the wood and kills the germs and mites instantly. Apply with a sprayer or brush.

1-gal. can .90
2½-gal. drum 2.50
10-gal. drum 4.50

Eezy Wear Garden Gloves

These gloves are all leather, pliable, so one can work while wearing them. Fine for all garden work, cleaning, painting, etc., as they keep the hands clean. The unusual quality of extreme softness and pliability in this Eezy Wear All-Leather Glove is the result of a special processing of selected leather.

Price 75c per pair, postpaid. Give size wanted when ordering.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Dicapho

Dicapho reduces the mortality among young chicks. It enables young chicks to get every ounce of food value from their feed, and develop rapidly into strong and profitable fowls. It will also give you more eggs, richer and harder-shelled eggs, eggs that will hatch better chicks. Price: 1 lb. 25c; 5 lbs. $1.00; 25 lbs. $4.00. Postpaid, 1 lb. 35c; 6 lbs. $1.20.

E. Z. Y. Roup Chaser

These tablets are for Roup Colds and Bronchial affection in poultry and pigeons. Sold on an absolute guarantee. Per box about 100 tablets 50c; parcel post paid.

Fleischmann's Yeast

Especially prepared for poultry. Fleischmann's Pure Dry Yeast added to the feed for poultry gives baby chicks a good start, prevents in a large measure diarrhea and dysentery, which destroy such a big percentage of baby chicks. It makes young birds grow quickly, giving them increased vitality, also keeps eg prodution high without forcing the birds.

One tablespoonful daily for 50 chicks. Full directions given with each package. Fine for all birds. 1 lb. can $1.00; by parcel post $1.10. 2½-lb. can $2.00; by parcel post $2.15.

Germo-Form

Cures roup, colds, bronchitis and other throat troubles in poultry by simply spraying it around the chickens while they are on the roost. The vapors do the work. It is absolutely guaranteed; if it fails, your money will be refunded. 8-oz. bottle 50c; by mail 60c.

Dr. Hess Poultry Remedies

Dr. Hess Poultry Ver-Mi-Trol

For Worms in Poultry

When your fowls appear lame or have a wobbly gait; when the combs and wattles are pale, that's a good indication that they are infested with worms.

Worms are prevalent in both chicks and adult fowls, and VER-MI-TROL, given with PAN-A-MIN as a flock treatment is highly effective as a worm expeller. 4 lb. pkg. $1.25; by parcel post $1.40. 10-lb. pkg. $2.75; parcel post $3.00.

Dr. Hess Poultry Pan-A-Min

has been known to poultry raisers for more than 30 years, as Dr. Hess Poultry Pan-a-ce-a. It is a wonderful new discovery for worms in poultry. Eliminates both pinworms and tapeworms. Poultry-size Gizzard Capsules: Box, 50 capsules $1.00; 100 capsules $1.25; 225 capsules $4.00; 500 capsules $7.50; 1,000 capsules $12.00. Chick size for chicks 1 to 3 lbs. and turkeys 2 to 6 lbs. Don't feed worms. Stop this waste and increase your profits. GIZZARD CAPSULES now. Satisfaction guaranteed of money refunded.

A wonderful new discovery for worms in poultry. Eliminates both pinworms and tapeworms.

Lee's Germozone Liquid

A sure cure for intestinal worms in poultry. Every bottle guaranteed to cure or your money will be refunded. For Lottles, enough to treat 1,000 hens, $1.00; parcel post $1.15.

K. O. M. Worm Cure

For Killing Body Lice on Chickens

Each postpaid.

LeGear's Nicotine Poultry Worm Pills

Each postpaid.
Nomoppin
Cures and prevents chicken sorehead. Given simply in the drinking water, avoiding individual treatment. Aids the egg production. Guaranteed to give results. Small-size bottle 35c; large-size bottle 55c; not mailable.

Oculum for Poultry
Prevents and cures white diarrhea in baby chicks; a scientific remedy and prevention of poultry diseases.

Each Postpaid
Small size.... .35 .45
Large size.... .65 .75

Pratt's Poultry Remedies

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<th>Name</th>
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<tr>
<td>Pratt's Lice Ointment</td>
<td>$ .20 $ .25</td>
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<tr>
<td>Pratt's Poultry Reg.</td>
<td>$ .35 $ .35</td>
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<tr>
<td>Pratt's Chick Tablets</td>
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Capstabs
Cures and prevents poultry sores. An efficient treatment. Aids the egg production. C. A. Capsules are easy to administer, safe and effective. Ask for Pratt's Chick Tablets.

Capstabs

Cures and prevents various diseases in poultry.

Ray-zem
For the prevention of blackhead and roup in turkeys. Keep your turkeys healthy with Ray-zem. Should be given in drinking water, milk or mash every day. Good also for the older turkeys, as well as roup, cholera, coccidiosis and diarrhea in chickens. Ray-zem has saved thousands of turkeys.

C-A Worm Capsules are made by Parke, Davis & Co., Detroit, Mich. Free bulletins sent on request.

Parke-Davis
C. A. Worm Capsules
For large round worms and tape worms in chickens and turkeys. When your birds are weak, emaciated and sluggish, or if the feathers are ruffled and the comb pale pink, that is a sure sign they have worms. In Parke-Davis C, A, Capsules you have a preparation that gets both tape and round worms without producing any ill effects on the birds, nor does it interfere to any great degree with the egg production. C, A, Capsules are easy to administer, safe and effective. Ask for booklets on them.

Price: C, A, Capsules No. 195, for young chicks or pouls, pkg. 12 capsules 40c; pkg. 50 capsules 90c. No. 196, for adult birds and large turkeys, pkg. 12 capsules 50c; pkg. 50 capsules $1.25. All parcel post paid.

Cures and prevents round worm in poultry.

F. O. B. Memphis.

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Parke-Davis
C. A. Worm Capsules
For large round worms and tape worms in chickens and turkeys. When your birds are weak, emaciated and sluggish, or if the feathers are ruffled and the comb pale pink, that is a sure sign they have worms. In Parke-Davis C, A, Capsules you have a preparation that gets both tape and round worms without producing any ill effects on the birds, nor does it interfere to any great degree with the egg production. C, A, Capsules are easy to administer, safe and effective. Ask for booklets on them.

Price: C, A, Capsules No. 195, for young chicks or pouls, pkg. 12 capsules 40c; pkg. 50 capsules 90c. No. 196, for adult birds and large turkeys, pkg. 12 capsules 50c; pkg. 50 capsules $1.25. All parcel post paid.

Cures and prevents round worm in poultry.

F. O. B. Memphis.
R. H. Co.'s STOCK FOODS AND REMEDIES

Gall-Vet
A reliable antiseptic healer for sores, galls, cuts or chafes from harness hobbles. Forms coating every sore, protecting it from wind, dirt and flies. Guaranteed satisfactory. 2-oz. bottles 25c; by mail 22c.

Stock Powders

Dairyman's Tonic
For the serious disorder peculiar to cows. Dairyman's Tonic is well known to dairymen. 1/2-lb. can 50c; by parcel post 60c.

Bacillus B-K
A medicine for cows only. Small size, 65c; by mail, 55c; large size, $1.25; by mail, $1.40.

Bag Balm
Relieves and cures ulcers and sore teats, caked udder, hard or sore teats and inflammation due to external causes. Helps prevent and cure caked udders, hard or sore teats, and all kinds of udder disorders in cows. Per box 60c; by parcel post 70c.

O. K. Poultry Litter
A perfect scratching material for baby chicks. A deodorizer, absorbent disinfectant and labor-saving litter. It absorbs all the moisture from droppings.

White Hydrated Lime
A deodorizer, odorizer and disinfectant. Keeps down diseases, purifies the premises. Be careful and don't let the lime get into the eyes or on your hands. Price: 10-lb. pkg., postpaid 35c; not prepaid, 20c; 40-lb. bags, 75c.

Continuous or Compressed Air Hand Sprayers
Brown's Auto No. 26 Continuous Sprayer—Will spray insecticides continuously. There is no other machine like it for power, efficiency and easy operation. Unequaled for small garden and house plant sprays. Handles all insecticides, fly and mosquito exterminators. Trouble-proof construction. Every part can be reached for quick and easy cleaning.

Brown's Auto No. 26A—1-quart tin sprayers. Each 55c; by parcel post, $1.10.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED

Bacillus B-K
CONCENTRATED SODIUM HYPOCHLORITE
B-K is a clear, colorless, non-poisonous germ killer used in dilution with water. B-K is absolutely harmless when used around poultry. Every dairymen should keep a bottle of B-K. Fine for sterilizing all dairy equipment, utensils, etc. 100-oz. bottle 50c; bottle $1.20; 1 gallon $2.75. Cannot be mailed.

D.B. Blackman's Stock Remedy
A medicine for cows only. Small size, 65c; by mail, 55c; large size, $1.25; by mail, $1.40.

B-K is a clear, colorless, non-poisonous germ killer used in dilution with water. B-K is absolutely harmless when used around poultry. Every dairymen should keep a bottle of B-K. Fine for sterilizing all dairy equipment, utensils, etc. 100-oz. bottle 50c; bottle $1.20; 1 gallon $2.75. Cannot be mailed.

Solid Buttermilk
For that serious disorder peculiar to cows. Semi-Solid Buttermilk as a deodorizer, odorizer and disinfectant. Keeps down diseases, purifies the premises. Be careful and don't let the lime get into the eyes or on your hands. Price: 10-lb. pkg., postpaid, 55c; not prepaid, 30c; 40-lb. bags, 75c.

White Hydrated Lime
A deodorizer, odorizer and disinfectant. Keeps down diseases, purifies the premises. Be careful and don't let the lime get into the eyes or on your hands. Price: 10-lb. pkg., postpaid, 35c; not prepaid, 20c; 40-lb. bags, 75c.

Continuous or Compressed Air Hand Sprayers
Brown's Auto No. 26 Continuous Sprayer—Will spray insecticides continuously. There is no other machine like it for power, efficiency and easy operation. Unequaled for small garden and house plant sprays. Handles all insecticides, fly and mosquito exterminators. Trouble-proof construction. Every part can be reached for quick and easy cleaning. Brown's Auto No. 26A—1-quart tin sprayers. Each 55c; by parcel post, $1.10.
Poultry and Chick Leg Bands

CHAMPION LEG BANDS

LARGE RAISED FIGURES—These are adjustable to fit any size fowl, very light and will not come off easily. Numbered from 1 to 300. Doz., 15c; 25c; 100, 50c; postpaid.

Perfection Celluloid Key Ring Leg Bands

These slip on like a key ring; cannot drop off; easily removed. Made of the various colors—white, pink, yellow, dark blue, light blue and red. Made in all sizes. When ordering, state what breed and color you want them.

No. 1—Brachas, etc. .15 .30 .50
No. 2—Bred Rocks, R. I. .15 .30 .50
No. 3—Lecons and An-
cans. .15 .30 .50
No. 4—Bantams. .15 .30 .50
No. 5—Pigeon size. .10 .25 .40
No. 6—Baby Chick size. .10 .25 .40

Reliable Colored Leg Band

In colors with printed numbers. Made of aluminum with colored numbered inserts. Adjustable in four colors—blue, green, red and white. Packed in envelopes, numbered 1 to 25, 26 to 50, 51 to 75, and 76 to 100. Will fit Barred Rocks, Rhode Island Reds, Minorcas, Ameras and Leghorns. Doz., 25c; 35c; 100, $1.25; postpaid.

“Bandettes”

The latest spring clip pattern for bandettes. Bandettes are strongly made, the numbers are indestructible, being impressed in bold type. Bandettes come in the following colors: Red, blue, green, white. Two sizes—Leghorns, and Rocks or Rocks. With our selection of numbers from 1 to 100; 12 for 30c; 25 for 50c; 50 for 60c; 100 for $1.50; postpaid.

Coloroid Coil Baby Chick Bands

This is a neat, attractive, and very visible band, easy to apply and applied the day chicks are hatched, or later; can be used several times. Colors as follows: orange, black, white, dark green, red, blue. Not numbered. 3 for 20c; 50 for 35c; 100 for 60c.

Elite Colored Pigeon Bands

Made of a special grade of aluminum with colors plain, and has large numbers. Colors: red, blue, white, blue, orange, black, white, dark green, red, blue. Not numbered. 3 for 20c; 50 for 35c; 100 for 60c.

Poultry Punched

These are made for marking baby chicks by punching a hole in the web between the toes. Pocket size Petey’s Punched Moe’s No. 39 Ideal Punch. .35c; postpaid.

Nest Eggs

These are very effective, especially the medicated ones, which not only act as a nest egg, but will kill mites and lice at the same time. Prices as follows:

Medicated... .60c; parcel post 75c
Lime Eggs. .25c; parcel post 35c
China or Opal Eggs. .30c; parcel post 40c

The No-Set Poultry Guard

Will not injure the hen in any way and actually prevents her from setting.

Brooder and Incubator Lamp Bowls

No. 1 Bowls. .40 .50 .75
No. 2 Bowls. .60 .75
No. 3 Bowls. .90 .75

The Patterson and Young Incubator Moisture Guide

A scientific and practical evaporation measure which tells accurately when to add moisture or give more ventilation in the incubator.

It is easy to read as a thermometer, there being a graduated scale on one side of the glass tube showing where the water line should be.

Directions with every Moisture Guide. Each .40; by parcel post .50.

Brooder and Incubator Thermometers

No. 5794 Brooder Thermometer

No. 5792—Half-round 1 in. Brooder. .60
No. 5794—Flat 5 in. Brooder. .50

No. 5776—Tycos Ind. Thermometer. .75
No. 5783—Tycos Inc. Certified. .25
No. 5140—Tycos Weather Thermometer. .50

By parcel post add 10c each for postage.

Brooder Thermostats

Used for Oil Brooders, Coal Brooders and Incubators. State size when ordering.

4-inch Double Thermostat. Each .50

1-inch Double Thermostat. Each .60

Brooder and Incubator Wicks

Nos. 1, 2 and 3—Cotton Wicks. Each 5c
Nos. 1, 2 and 3—Red Felt Wicks. Each 5c
Asbestos Wicks, large. Each 40c
Asbestos Wicks, small. Each 35c
Kerogas Wicks, large. Each 40c
Kerogas Wicks, small. Each 35c
Putnam Brooder Wicks. Each 40c
Putnam Stove Wicks. Each 2 for 5c

Dandy Egg Tester

This Egg Tester is designed for use on ordinary hand lamps, and fits over any style of burner with a diameter approximately that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate interior of egg.

Each 20c; by parcel post 30c.

Brooder and Incubator Lamp Burners

No. 1 Burner—Each 35c; by parcel post 45c
No. 2 Burner—Each 40c; by parcel post 50c
No. 3 Burner—Each 60c; by parcel post 75c
No. 2 Chimneyless Burner—Each 60c; by parcel post 75c
No. 21 Double Burner—Each 60c; by parcel post 75c

For Incubators and Brooders. Strong metal.

No. 1 Chime—Each 15c; by parcel post 20c
No. 2 Chime—Each 20c; by parcel post 25c
No. 3 Chime—Each 25c; by parcel post 30c

For incinerators only.

No. 1 Chimney—Each 40c; by parcel post 50c
No. 2 Chimney—Each 45c; by parcel post 55c
No. 3 Chimney—Each 60c; by parcel post 75c

Putnam Brooder Heater

This is the Brooder Heater used in the Putnam Home Made Brooder. Requires filling but once a week, and no further attention in the meantime. Every other brooder must be filled and trimmed seven times a week; the Putnam but once.

There is no brooder on the market at any price that equals the Putnam Home Made Brooder. The price for oil per gallon is 35c per 100. This brooder consumes less than a gallon of oil a month.

Price: Brooder Heater only $4.50
No box furnished.
By parcel post......... 4.75

The Little Putnam Stove

Keeps drinking water from freezing. Water kept at a proper temperature is a big help in getting winter eggs. Costs only 20c to 30c for oil to run an entire winter. Make your own oat sprouter with a Little Putnam Stove. Directions furnished to all customers. Galvanized. Price $1.95. By parcel post $2.25. Wicks for Putnam Stove, 2 for 5c.

Glass Cloth

Glass Cloth is excellent for Poultry Houses, Brooder Houses, Hotbeds, Cold Frames, Windows, Doors, etc., and is a perfect substitute for glass, except for roofing. All Glass Cloth comes 3 feet wide.

Prices
One piece 5 yards long..... $1.60
By parcel post. .......... 1.80
One piece 10 yards long... 2.50
By parcel post........... 2.80
One piece 15 yards long... 4.00
By parcel post........... 4.25
One piece 20 yards long... 5.00
By parcel post........... 5.25
One piece 50 yards long... 12.50
F. O. B. Memphis
One roll 100 yards long..... 22.50
F. O. B. Memphis

Philadelphia Caponizing Set

Complete set of directions accompanies each set. Pays for itself in a short while. Instruments mailed from factory. Per set $1.50, postpaid.

Pipe Collars

No. 117—Pipe Collars. Sizes 3, 4, 5. $1.25
All same price, each.

Draft Equalizer for Brooder Stoves

Prevents the wind from blowing smoke back down the chimney and choking the fire. A necessity for every brooder stove.
No. H-144 for 4-inch pipe..... $1.50
No. H-244 for 6-inch pipe..... 3.00

The Lawn Park Brood Coop

The wire park pulls out like bureau drawer and is made from heavy galvanized wire netting. Size of coop, 18 inches wide, 19 1/2 inches high, 48 inches long. Protects the chicks from hawks, rats, vipers, vermin, cold and storms. It is so ventilated that when park is pushed in the air circulates freely without admitting rain or snow. Can be moved from place to place easily. The coop has removable galvanized bottom. Each $3.00, set up, ready to use. Knocked down, in lots of six, 50c each, f. o. b. Memphis.

Baby Chick Shipping Boxes

Made from corrugated paper with strong bottom and ventilated top. Strong, yet light in weight. 25-chick size. Doz. $ .75; mailed $ .95
50-chick size. Doz. $1.00; mailed $1.20
100-chick size. Doz. $1.40; not mailable
Chick Box Staples—25c per 100; postpaid, 35c per pound.
Chick Boxes sold in bundles of 1 dozen, each.

Wire Hen’s Nests

Made of copper steel wire, with plate steel ribs and heavy top wire; all copper finish. Provides a clean sanitary nest; it is fastened to the wall with nails or screw hooks.
14-inch nest, each 25c; 6 for $1.48; by parcel post, each 35c.

Moe’s Pigeon Nests

Durable and light; galvanized iron; also are best for sanitary purposes.
Each 15c; 6 for 90c; by parcel post, 5c each extra.

Stoneware Pigeon Nest

Made so the birds cannot tip over. A good, safe nest. Size 9 1/2 inches. Each 25c; by parcel post 40c.

Quality Baby Chicks

From the Sterling Hatchery. They are carefully selected and mated flockes. You won’t get chicks from pullet eggs when you buy Sterling chicks.
Remember, it’s in the proper mating. If you have been sting, try a shipment of our chicks and you will see the difference when you open the box.

For prices on Sterling Baby Chicks, see inside front cover.

Eyrie Shipping Coops

Ends and sides heavy, corrugated cardboard. Top and bottom wood.

Corrugated Elbows

No. 115—Black Corrugated Elbow, 3-inch, each $ .20
4-inch, each $ .25
5-inch, each $ .30

Satisfaction Guaranteed

Here is the most practical coop, without a park, made. It has a new style sliding top through which it is very easy to tend the hen, gather the eggs, or clean the coop. It is equipped with Overhead Damper Ventilation System, which provides fresh air at all times. The measurements are 19 inches high, 17 inches long, and 20 1/2 inches wide. Shipped knocked down, and can be set up in two or three minutes.

Price: Hudson No. 6 Oat Sprouter $2.00 f.o.b. Memphis

Non-Parking Brood Coop

This is the most practical coop, without a park, made. It has a new style sliding top through which it is very easy to tend the hen, gather the eggs, or clean the coop. It is equipped with Overhead Damper Ventilation System, which provides fresh air at all times. The measurements are 19 inches high, 17 inches long, and 20 1/2 inches wide. Shipped knocked down, and can be set up in two or three minutes.

Price: Hudson No. 6 Oat Sprouter $2.00 f.o.b. Memphis

Roof Saddles for Brooder Pipe

No. 114—Black Smoke Pipe, 2-foot lengths.

5-inch each 20c
5-inch each 25c
5-inch each 30c

Smoke Pipe Top Cap

Chimney Cap for Moe’s No. 40 Roof Saddle or other Brooder Stove Pipes. Keeps out rain and snow, and improves the draft. Easy to install; no tools or bolts required.
No. 445—Chimney Cap for 4-inch pipe, each 45c
No. 445—Chimney Cap for 5-inch pipe, each 55c

For Quantity Prices: See Green Ink Price List Enclosed
RUSSELL-HECKLE'S CHICK FOUNTAINS

Moe's No. 142 Chick Fountain
Moe's No. 142 Round Mason Jar Fountain is made of heavy tin plate, with a rust-resisting metal, and the finest fountain of its kind on the market. Made in one size and fits any Mason jar. Price, each 45c; postpaid, 55c.

Oakes' No. H-100 Inexpensive Gallon Fount
This Gallon Fountain is a fine value for the money. Can be inverted to fill. Very easy to clean. Pan is held to can by friction. Will not tip over. Provides drinking space all around the pan. Fine for small chicks, as the pan is on or off. Holds 6 quarts. Weighs 3 pounds. Price, No. H-100—1 qt., with pan, each 35c. By parcel post, 10c each extra.

Moe's Two-Piece Chick Fountain
Consists of a cone-shaped can and a stamped pan, which forms trough from which fowls drink. Both parts made of galvanized sheet steel.
No. 20—Capacity 2 qts., each 30c; postpaid, 40c.
No. 24—Capacity 4 qts., each 45c; postpaid, 55c.

Moe's No. E-68 Fountain and Feeder
A galvanized pan made to hold any Mason fruit jar. Can be used either for feed or water. Easy to fill; not necessary to unscrew the jar. We do not furnish jars. Price, each 10c; 3 for 25c; by parcel post, each 20c; 3 for 35c.

Oakes' Aluminum Pan Chick Fountain
Ideal for buttermilk, sweet milk, as well as for water. Fits Mason Jar; the pan is made of bright tin that will not effect the jar. Can be adjusted up and down. We do not furnish jar. Price of holder, with pan, each 35c. By parcel post, 10c each extra.

Jamesway Six Quart Chick Waterer
This is the waterer which has been such a success with poultry raisers. It is a vacuum type. Cannot leak or flood the floor. It is easily filled and cleaned—can't tip over. Chicks can't get drowned. Only two parts—pan and a heavy pan. Can be carried by hand without spilling when full.

No. 507 Jamesway Chick Waterer.
Price: No. 507 Jamesway Chick Waterer.
$1.15; by parcel post, $1.46.

For Quantity Prices: See Green Ink Price List Enclosed
Moe’s New Top Fill Fountain
Made with round drinking pan, which is preferred by many, and the outside cover has a wire handle so that it can be used to carry water when filling the inside tank. Easy to clean.
Made of heavy galvanized iron, with double walls, which keeps the water cool in summer, and retards freezing in winter.
No. 33—2-gal. capacity. Each $2.00; by parcel post $2.25.
No. 34—4-gal. capacity. Each $2.50; by parcel post $2.85.

Moe’s Square Top Fill Fountain
Double wall. Fills from the top, thus avoiding the annoyance of spilling over while being filled. Can be hung up out of the litter, and the square pan gives drinking facilities for two pens at the same time.
No. 1—1-gal. capacity. Each $1.25; by parcel post $1.50.
No. 2—2-gal. capacity. Each $2.00; by parcel post $2.35.
No. 4—4-gal. capacity. Each $2.50; by parcel post $2.90.

Moe’s Automatic Fountain
Can be attached to iron pipe, barrel or tank; insures a continuous supply of fresh water. The automatic valve and float is entirely of brass, nickel finish. Price, complete with pan, $1.50; by parcel post $1.70. Without pan, $1.00; by parcel post $1.10.

Oakes’ E-Z-Fill Double-Wall Fountains
A new, inexpensive double-walled fountain with heavy bail for carrying the outer can. Can be used for baby chicks or hens. The new style has a cone-shaped roost-proof top. Drinking space all around. No corks or valves. Made in two sizes.
L-31A—3-gallon size. Each $2.20.
L-32A—5-gallon size. Each $2.70.

Jamesway Cleanable Fountains
_ These big flock size 8 gallon waterers provide water for 160 hens a whole day without refilling; 15 to 20 hens can drink at one time. Built of heavy rust-resisting sheet steel, wide, deep pan; keeps floor dry.
_ A copper float opens and closes a non-rust brass valve; holds water at right level. Prices as follows:
No. 516-A—8-gallon waterer only. $4.00
No. 513-C—8-gallon waterer with base. $5.00
No. 513-C—Waterer base and stand. $6.50
No. 512-D—Lamp heated stand extra. $6.75
No. 585—Stand only, worth its cost. $1.50
Extra Saucers
For 1-qt. Fountain. 10c
For 2-qt. Fountain. 15c
For 4-qt. Fountain. 20c
Not mailable.

Stoneware Jug-Shaped Fountain
It is made in two parts, the saucer being separated from the upper portion, so it can be easily cleaned. These stoneware fountains are the best to have when using any medicine, such as White Diarrhea or Cholera remedies.
%-gal. size. 45c
1-gal. size. 75c
Extra Saucers
For 1%-gal. Fountain. 10c
For 1-gal. Fountain. 15c
For 4-qt. Fountain. 20c
Not mailable.

Stoneware Buttermilk Fountain
This is the strongest and best constructed Earthen Buttermilk Feeder on the market. The saucer and top container are highly glazed inside and out of high grade earthenware.
%-gal. size. 45c
1-gal. size. 75c
Extra Saucers
For 1%-gal. Fountain. 10c
For 1-gal. Fountain. 15c
Not mailable.

Oakes’ Leader Fountain
For hens and growing chicks; also baby chicks. Provides adequate water supply without crowding. The pan is properly shaped to prevent chicks getting into the trough, but it is deep enough for use of hens. It is made of heavy gauge steel, a durable and strong outfit that will last for years if taken care of.
L-102—2-gallon Leader Fountain... $1.15
L-103—3-gallon Leader Fountain... 1.45
By mail, 25c each extra.

Acorn Spring Valve Double-Wall Fountain
An ideal fountain either for hens or growing chicks. The drinking pan has extra wide lip which catches drippings from the wattles of hens. Double wall construction. The top is conical; keeps poultry from getting on top of the can. It is easy to fill and to clean. Made of extra heavy galvanized steel.
L-64—4-gallon size. Each $2.90; by mail $3.25.

Oakes’ Snap-On Chick Fountain
The escalloped pan has six drinking spaces, each large enough for two chicks to drink at once. Can fits snugly into pan and is held in place by friction. After filling, the can may be carried by the handle. The top is flat, so that can is easily filled when inverted. Made of heavy galvanized steel.
L-100-B—1-gallon size. Each 65c
L-100-C—2-gallon size. Each 90c
By mail, 20c extra.

Moe’s Drinking Coop Cup
Used for mating or exhibition coops. Each 15c; 12 $1.50; parcel post, each 20c.
Moe's Double Trough Feeder

Has two sides; otherwise identical with the single trough.
No. 58—12 inches long. Each 25c; by parcel post 35c.
No. 59—18 inches long. Each 35c; by parcel post 50c.
No. 60—24 inches long. Each 45c; by parcel post 60c.
No. 76—36 inches long. Each 65c; by parcel post 85c.

Moe’s Single Trough Feeder

Just the thing for feeding baby chicks; has sliding top, easily cleaned.
No. 56—18 inches long. Each 35c; by parcel post 50c.
No. 57—24 inches long. Each 40c; by parcel post 55c.

Jamesway Sure Feed Chick Feeder

For small flocks; holds 4 quarts of dry mash and will feed 26 to 30 chicks one week with one filling.
The feed trough is adjustable in height. This can be used as the chicks grow with the assurance that the mash will always work down into the feed trough.
No. 535—Sure Feed Chick Feeder, each 60c. Postpaid, 85c.

Oakes' Wire Guard Chick Feeder

This feeder will accommodate a large number of chicks at one time. The open trough principle is the good feature in this feeder. The wire guard is adjustable for baby and growing chicks; also pullets. This prevents any waste of feed. The hinged lid makes it easy to fill and clean; the tilting device prevents birds from roosting on top. The bottom is V-shaped, thus putting feed to the center.
The wire rod extends the full length of this trough. A strong, well-built feeder that will give real satisfaction for all size chicks, including pullets.
No. 621—21 in. long, capacity 11 qts....$1.15
No. 635—35 in. long, capacity 18 qts.... 1.70
By mail, 30c each extra.

Jamesway Chick Feed Trough

An inexpensive chick trough. Made of galvanized iron with cross wire welded on, making it sturdy and strong. The wire prevents chicks getting into the feed.
No. L51A24—24 inches long. Each 35c; postpaid, 50c.

Oakes’ Round Bottom Chick Troughs

A very popular type of trough; has a revolving guard, mounted on the ends, so that it tips birds off. The turned edges prevent feed waste, and the guard is adjustable up and down to permit using trough for different size chicks. Size, 1 1/2 inches deep, 3 3/4 inches wide, 30 inches long. Each 45c; by mail 60c.

Oakes’ Square Bottom Chick Trough

A very popular type of trough; has a revolving guard, mounted on the ends, so that it tips birds off. The turned edges prevent feed waste, and the guard is adjustable up and down to permit using trough for different size chicks. Size, 1 1/2 inches deep, 3 3/4 inches wide, 30 inches long. Each 45c; by mail 60c.

Oakes’ Chick Grit and Shell Boxes

Chicks should have grit, oyster shell and charcoal, and for this purpose Oakes’ Chick Grit and Shell Box is indispensable. Made with three compartments.
No. H73—Chick size. Each 90c; parcel post $1.05.

Oakes’ No. 463 Swing Top Chick Feeder

The tilting or swinging top prevents chicks from getting in to feed, and is adjustable for both baby chicks and growing chicks. Can be raised up or down. Made of heavy galvanized iron throughout. Height of pan 2 1/2 inches; width 4 1/2 inches; made in two lengths.
No. 463—36 inches long. Each 65c
No. 464—48 inches long. Each 80c
By mail, 30c each extra.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
RUSSELL-HECKLE'S POULTRY HOPPERS

Moe's Round Mash Hopper
Capacity of 8 quarts. Has wire grid which rests on the feed and prevents the birds from wasting it. The top wire bales prevent the chickens from getting in the hopper. Each 50c; by parcel post 65c.

Moe's Never-Clog Mash Hopper
Does not clog, no matter how coarse the mash.
No. 35—10-qt. capacity, $1.50; by parcel post $1.80.
No. 36—14-qt. capacity, $1.70; by parcel post $2.05.
No. 13—22-qt. capacity, $2.00; by parcel post $2.40.

Moe's Grit and Shell Box
Feeds grit, oyster shell and charcoal without waste.
No. 45—Two compartments, chick size. Each 40c; by parcel post 50c.
No. 3—Three compartments, hen size. Each 70c; by parcel post 90c.

Oakes' V-Bottom Chick Feeder
Adjustable feed control; feeds on both sides. The V-shaped bottom throws the feed forward, where the chicks can reach it. The lid is hinged and split in the center for convenience in filling. Adjustable feed slide permits feeding fine or coarse feed. Tippler on lid prevents chicks from roosting. Large feed capacity; made in two convenient sizes.
No. L521—21 inches long. Capacity 11 quarts. Each $1.25
By mail, 30c each extra.

Jamesway Self Feeder
The Patented Jamesway Self Feeder is really five big capacity feeders in one. The big middle compartment holds a week's supply of egg-laying mash. The small bins at each end hold enough grit, shell, charcoal and beef scraps to last several weeks.
No. 527—Holds 60 lbs. egg mash, 9 lbs. beef scraps, 6 lbs. charcoal, 65 lbs. grit, 15 lbs. oyster shell. Self feeds 75 to 100 hens for one week with one filling. Each $9.50.
No. 528—Holds 100 lbs. egg mash, 9 lbs. beef scraps, 5 lbs. charcoal, 15 lbs. grit, 15 lbs. oyster shell. Self feeds 160 to 200 hens one week with one filling. Each $14.00.

Wall Mash Feeder
Won't waste feed; can be kept out of the way and will always be sanitary if left hanging on the wall. The wire guard prevents any throwing out of the mash or grain. The guard is attached in such a way so the trough can be easily cleaned. Size, 6 inches wide, 6 inches deep, 30 inches long; capacity 16 lbs.
Price: No. L26 Wall Mash Feeder, $1.90. By parcel post, $2.35.

National Eezy Wear Garden Gloves
One pair free with a cash order for $6.00 or more.

Oakes' Giant Flock Feeder
For growing chicks or ducks. It is made of heavy steel, with edges turned in to prevent waste of feed. Has a square bottom trough with a heavy hinged V-shaped wire guard. It can be filled or cleaned as easily and quickly as an open trough, but the wire guard prevents roosting, crowding or throwing out feed. Dimensions, 3½ inches deep, 6 inches wide and 46 inches long.
Price: No. L646—T. Trough $2.00; by parcel post $2.50.

FOR QUANTITY PRICES: SEE GREEN INK PRICE LIST ENCLOSED
Oakes' New Improved Electric Brooder

The Oakes New Improved Electric Brooder is by far the most modern and economical brooder for raising flocks from 100 to 650 chicks. The Oakes Electric Brooder can be installed and placed in operation fifteen minutes after arrival. It is only necessary to plug the attachment cord into the nearest lamp socket and adjust the thermostat switch to give desired temperature. Positive heat control with the Oakes automatic thermostat. Clean, even heat. No lamps, smoke or fumes; no ashes or coals to carry; no wicks to trim; no messy oil.

Electric Current Consumed—While securing all the advantages of Electric heating, including savings in time, labor and worry, the Oakes Electric Brooder is also economical to operate from the standpoint of actual current consumed.

<table>
<thead>
<tr>
<th>Size</th>
<th>Wattage</th>
<th>K. W. Used</th>
<th>Size</th>
<th>Wattage</th>
<th>K. W. Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>22 in.</td>
<td>300</td>
<td>2.0</td>
<td>52 in.</td>
<td>600</td>
<td>4.6</td>
</tr>
<tr>
<td>32 in.</td>
<td>300</td>
<td>3.5</td>
<td>62 in.</td>
<td>660</td>
<td>7.5</td>
</tr>
</tbody>
</table>

Price without dropping pan, only $2.00; by parcel post $2.25.

Jamesway Electric Brooder

These new improved Jamesway Electric Brooders are up to date, modern and will give perfect satisfaction. We have both the insulated and uninsulated hovers or brooders. The latter are for small flocks and can be used in any room if the hover is placed inside of a large box, so as to retain the heat.

The insulated hover has six thermostat-controlled heating elements, and adjustable flue regulates the amount of fresh air under the hover. When placed in a well-built room which does not get too cold, the No. 698 Hover will take care of 200 chicks. Operates on 110 or 120 volt. Ask for circulars.

Prices:

No. 696—21-in. uninsulated Hover, 50-chick capacity $3.95; by freight $4.50
No. 698—21-in. insulated Hover, 200-chick capacity $9.95; by freight express only.

Jamesway Battery Brooder Section

The Jamesway individual compartment is well made, strong, heavy and will give real results. It is made so the circulation of heat and air are properly regulated. The temperature is controlled by an automatic thermostat.

The heat element is placed in the center, thus avoids crowding and this heat is properly distributed over the entire space. The Jamesway is the only battery that has this feature. All there is, there the heater in one end and the chicks will then crowd or bunch up.

The screen floor is made of extra heavy retinned wire; won't sag like the cheap outfits. Has full length dropping pans. Screen floor is made to avoid clogging of the droppings. Size of section 30 by 30 inches; capacity 100 chicks. Price complete with feed and water pans.


Price No. 628B—Single section, without heat element, $10.95, f. o. b. Memphis. Price f. o. b. factory, $9.95.
RUSSELL-HECKLE'S

Moe's Blue Flame Oil Brooder

A simple and reliable oil burning Brooder, sturdy in construction and easy to operate. Burns kerosene.

No. 232—34-inch canopy, 300-chick capacity.$9.00
No. 226—42-inch canopy, 500-chick capacity.15.50
No. 227—52-inch canopy, 1000-chick capacity.17.50

Moe's Automatic Oil Brooder

This improved automatic brooder has the double regulation, first the double wafer thermostat; second, the hand lever control. Absolutely dependable, safe and simple to operate. Cannot overheat or go out if you supply the oil. The flow of oil is controlled by gravity, then the thermostat does the remainder. We absolutely guarantee and recommend it.

PRICES F. O. B. MEMPHIS
No. 225—34-inch canopy, 300-chick capacity.$13.00
No. 226—42-inch canopy, 500-chick capacity.15.50
No. 227—52-inch canopy, 1000-chick capacity.17.50

National "Blue Flame" Oil Brooder

The "National" Blue Flame Colony Brooder is of the Wick-type construction, burns coal oil (kerosene) and is just as simple to operate as an ordinary house lamp. It will not smoke, is odorless and operated without noise. It is self-feeding, safe and durable, maintaining an even flame as long as there is oil in the reservoir.

MADE IN THREE SIZES
No. 60—34-inch canopy, 200-chick capacity.$14.50
No. 61—42-inch canopy, 500-chick capacity.15.50
No. 62—52-inch canopy, 1000-chick capacity.16.50
Ask for complete descriptive circular.

Moe's Electric Fountain

An efficient electric heater which can be used for making a brooder; heats a small box or canopy to perfection. Can also be used for heating poultry fountains. Made of heavy galvanized steel and equipped with soft rubber attachment plug. Furnished for 110 or 120 volt light current.

Price, No. 436 Electric Heater, $3.00; by parcel post, $3.40.

Moe's No. 10 Brooder and Fountain Heater

An excellent heater that burns kerosene, for a small brooder. Place in a box and the chicks will keep warm and comfortable. Can also be used with any style poultry drinking fountain and prevents water from freezing, no matter how cold the weather.

Price, No. 10 Brooder Heater, complete. $1.90; by parcel post, $2.15.

Jamesway Fresh Air Coal Burning Brooder

In the Jamesway Brooder the lifeless and foul air is carried off through the stack. This causes fresh air to be drawn in and it gently spread out under the hover. Jamesway Brooder chicks grow faster and stronger because they are not made to breathe over and over, foul, flat, lifeless air.

Brooder No. 652—Has a 52-inch revolving canopy, coal capacity 35 lbs., stove stands 20 inches high with 4-inch collar. Standard brooder stove manufacturers rate this 500 to 1000 chicks, and the Jamesway method tells you to put 200 to 500 chicks under a 52-inch hover, which is proper. Price, No. 652 Jamesway Brooder with 52-inch canopy.$19.50.
Brooder No. 660—Has a 60-inch revolving canopy, coal capacity about 60 lbs. Pipe collar 4 inches. The standard rating of this stove is 1000 to 1500 chicks. The Jamesway method tells you to put 300 to 800 chicks under the 60-inch hover in a room 12x18 feet square. Price, No. 660 Jamesway Brooder, with 60-inch canopy,$21.00.

Moe's Double Draft Brooder Stove

A thoroughly reliable, efficient, practical coal-burning brooder, absolutely guaranteed in every way. It has the latest improved double draft check damper and is self-regulating.

The stove pot is heavy cast iron; the corrugated design greatly increases the amount of heat radiated. The grate is in two sections, easy to clean. The ash pit is large and is raised from the floor and protected by a pad of asbestos. Has a heavy steel galvanized canopy with a wide door or panel, giving easy access to any part of the stove. Made in three convenient sizes.

Price Moe's No. 386 Electric Brooder; capacity 75 chicks; diameter of canopy 19 1/2 inches, height of hovering space 6 5/8 inches.$1.50

Moe's Electric Brooder

An efficient, clean and economical brooder fitted with a specially constructed heating unit. Will give an even continuous heat properly distributed to insure the health and comfort of the chicks.

Price Moe's No. 386 Electric Brooder; capacity 75 chicks; diameter of canopy 19 1/2 inches, height of hovering space 6 5/8 inches.

For Quantity Prices: See Green Ink Price List Enclosed
Guaranteed Analysis:
15% Nitrogen (18.2% Ammonia).

Calcium Nitrate also contains as much calcium (lime) as half its weight of limestone. It leaves a beneficial lime residue in the soil. Both nitrogen and lime are in immediately available form.

Calcium Nitrate is the most soluble of all nitrogen fertilizers. Even in a dry season, it absorbs sufficient moisture from the soil to dissolve and begin feeding the crop at once.

Calcium Nitrate is a white, dustless granular material—not a powder. It is easy to apply.

Sold in Carlots and Less Carlots—Write for Prices

Thousands of tons of Calcium Nitrate have been used with satisfaction and profit during the past four years. Calcium Nitrate has been tested by all Southern experiment stations.
The Highest Analysis Complete Fertilizer
For Corn, Cotton, Lawns, Garden Crops, Fruit Trees, Shade and Pecan Trees, Plants, Roses, Shrubs, Etc.

Guaranteed Analysis:
15% Nitrogen (18.2% Ammonia).
30% Available Phosphoric Acid.
15% Potash.

One ton of Nitrophoska contains as much plant-food as three to five tons of ordinary low-analysis fertilizer.

There is only one-fourth as much weight to haul, handle and apply.

One bag of Nitrophoska supplies as much plant-food as four bags of ordinary low-analysis fertilizer.

When you buy Nitrophoska, you buy your plant-food at low cost per acre, and you also save three-fourths of the labor of hauling and handling.

Why handle useless weight?

Thousands of farmers have proved for themselves the economy and the superior crop producing qualities of Nitrophoska. Don't miss this opportunity to produce better crops at low cost.

Nitrophoska is granular and easy to apply.

Sold in Carlots and Less Carlots—Write for Prices

NITROPHOSASKA
15-30-15
NITROGEN . . . PHOSPHORIC ACID . . . POTASH
Big Yields—at Low Cost

In Lee County, Mississippi, over 175 4-H Cotton Club boys fertilized their acres with 200 pounds of Nitrophoska in 1929. About 75 of these boys also side-dressed their cotton with 100 pounds of Cal-Nitro per acre. The average yield for all was 1,381 pounds of seed cotton per acre. The 12 highest yields were:

<table>
<thead>
<tr>
<th>Seed Cotton Per Acre</th>
<th>Seed Cotton Per Acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>John O. Monoghan</td>
<td>Everett Hodges</td>
</tr>
<tr>
<td>3,070 lbs.</td>
<td>2,400 lbs.</td>
</tr>
<tr>
<td>John Robert King</td>
<td>Bert Birmingham</td>
</tr>
<tr>
<td>2,930 lbs.</td>
<td>2,225 lbs.</td>
</tr>
<tr>
<td>James H. Monoghan</td>
<td>Irving Parks</td>
</tr>
<tr>
<td>2,843 lbs.</td>
<td>2,216 lbs.</td>
</tr>
<tr>
<td>Jas. Hulon Monoghan</td>
<td>Joe Lester Agnew</td>
</tr>
<tr>
<td>2,800 lbs.</td>
<td>2,200 lbs.</td>
</tr>
<tr>
<td>Morgan Estes</td>
<td>Marlin Morgan</td>
</tr>
<tr>
<td>2,640 lbs.</td>
<td>2,086 lbs.</td>
</tr>
<tr>
<td>Vardaman King</td>
<td>William D. Thompson</td>
</tr>
<tr>
<td>2,438 lbs.</td>
<td>2,000 lbs.</td>
</tr>
</tbody>
</table>

*Side dressed with Cal-Nitro.

Because of their high yields per acre, these boys realized exceptionally large profits per acre.

Sold in Carlots and Less Carlots—Write for Prices

NITROPHOSKA
15-30-15

NITROGEN . . . PHOSPHORIC ACID . . . POTASH
Cal-Nitro

A Quick-acting and Long-lasting Side Dressing

NITROGEN FERTILIZER

Cal-Nitro possesses distinct advantages as a nitrogen side-dresser for all crops. It supplies a part of its nitrogen in the quick-acting nitrate form which is immediately available to give the crop a quick start and a vigorous early growth. The remainder of its nitrogen is in a longer lasting form which keeps feeding the crop right up to maturity.

Cal-Nitro also contains lime in a form which helps to check soil acidity and also supplies lime as a plant-food. Many soils are deficient in lime and too acid to produce maximum yields.

Cal-Nitro has given outstanding results on cotton, corn, vegetables, fruits, tobacco and many other crops.

Cal-Nitro does not puddle heavy soils and cause them to bake and crust. On the contrary, it helps to keep the soil loose and easy to work.

Sold in Carlots and Less Carlots—Write for Prices
RUSSELL-HECKLE'S
GREEN INK QUANTITY PRICE LIST
No. 75 — March 25th, 1932

IMPORTANT
NOTICE
Conditions beyond our control force us to sell for CASH ONLY
REMIT BY POST OFFICE MONEY ORDER OR REGISTERED LETTER.
ALL CHECKS MUST BE CERTIFIED.

BEANS—Bush Lima
60 lbs. to bu. — Catalogue Page 6.
Burpee's Imp. Bush Lima
$1.90 $3.50 $13.50
Fordhook Bush Lima
$0.40 $0.75 $2.65
Henderson's Bush Lima
1.00 1.95 7.20
Never Fail Bush Lima
1.25 2.35 8.40

BEANS—Bush Green and Wax Pod
60 lbs. to bu. — Catalogue Page 7.
Black Valentine
$0.95 $1.75 $6.60
Bountiful
$0.90 1.70 6.25
Burpee's Stringless Green Pod
$0.90 1.70 6.25
Full Measure
$0.90 1.70 6.25
Giant Stringless Green Pod
$0.90 1.70 6.25
Imp. Early Red Valenstein
$1.00 1.85 6.60
Longfellow
$0.90 1.70 6.25
Stringless Red Valentine
1.00 1.90 7.00
Tunm Green Pod
1.20 2.20 8.20
Currie's Rust Proof Wax
1.20 2.20 8.20
Davis Wax
1.10 2.00 7.00
Improved Golden Wax
0.90 1.70 6.25
Penell Pod Wax
0.90 1.70 6.25
Burpee's Black Wax
0.90 1.70 6.25
Sure Crop Wax
0.90 1.70 6.25
Webber Wax
1.00 1.95 7.00

BEANS—Pole or Running
60 lbs. to bu. — Catalogue Page 8.
Kuttey Wonder or Old Havana Half
$0.55 $1.20 $7.75
McCarron Pole
1.35 2.80 9.25
Red Speckled Cut Short
0.50 1.00 4.00
Sassafras String Cornfield
1.20 2.15 7.90
Tennessee Wonder
1.40 2.80 10.75
White Crossbeam or Fat Horse
1.35 2.70 10.00

BEANS—pole, BUTTER OR LIMA
Carolina Steve, Small Pole Butter
$1.15 $2.10 $7.75
Ciclo or Florida Speckled
1.30 2.55 9.75
Large Green Lima
1.20 2.15 7.90
Large White Lima
1.70 3.15 11.75
R.-H. Co.'s Improved Butter
1.60 2.90 10.90

BEANS—Field or Shell
Great Northern
$0.75 $1.35 $4.75
Red Kidney
1.15 2.50 7.50
White Navy or Pea Bean
0.75 1.55 5.00

BEETS
Catalogue Page 9.
Crooked Escargot
$0.45 $1.75 $7.20
Detroit Dark Red
0.50 2.00 5.50
Early Blood Turnip
0.60 1.25 4.15
Improved Blood Turnip
0.50 1.25 4.15
R.-H. Co.'s Early Wonder
0.50 2.00 5.50
R.-H. Co.'s Ideal
0.60 2.25 6.25
Giant Feeding Sugar Beet
0.35 0.75 3.25
Golden Tankard Mangal Biet
0.35 0.75 3.25
Mang Mang Long Red Mangal Biet
0.35 0.75 3.25

CABBAGE
Catalogue Page 10.
Charleston Large Wakedfield
$1.25 $5.50 $10.00
Copenhagen Market
1.25 5.00 10.00
Early Jersey Wakedfield
1.25 5.00 10.00
Early Dutch
1.25 5.00 10.00
Golden Acre
3.00 13.75 22.00
Large Late Drumhead
1.25 5.50 10.50
Large Head Savoy
1.25 5.50 10.50
Succession
1.25 5.50 10.50

CABBAGE PLANTS
Catalogue Inside Back Cover Page.
10000 10000 10000
Charleston Wakedfield, Early Jersey Wakedfield, Early Dutch, prices f.o.b. Memphis.
$1.75 $7.50 $20.50
Pries f.o.b. Growing Station, any variety.
1.50 6.00 18.00

CARROTS
Catalogue Page 11.
Danvers Half Long
$0.65 $2.85 $8.50
Half Long Scarlet
$0.65 $2.85 $8.50
Improved Dutch Orange
$0.50 2.25 5.70
Oxheart
0.75 3.25 9.25
Tri Color Belgian
1.00 4.25 12.25
R.-H. Co.'s Coreless
1.00 4.25 12.25

COLLARDS
Catalogue Page 14.
Georgia White Cabbage
$0.60 $2.25 $7.25
Southern of Georgia
0.60 2.25 7.25

CANTALOUPES OR MUSK MELON
Catalogue Page 18.
Aust. or Bantam
$0.60 $2.50 $8.50
California Beauty
1.25 3.25 10.00
Hair's Best
.50 1.50 5.00
Hearts of Gold
.50 1.00 3.50
Lake Champlain
.75 2.50 8.25
Mammoth Rockford
1.50 3.50 11.50
Pink Meat Rockford
.75 2.50 8.25
Rockford Select
.90 3.00 10.00
Tip Top Nutmeg
.75 2.50 8.25

cORN—Garden
$6.35 $2.10 $6.25
Early Ear Adams
1.75 5.00 15.00
Extra Early Adams
1.75 5.00 15.00
Improved Adams
1.75 5.00 15.00
R.-H. Co.'s Early Surprise
1.75 5.00 15.00
Shirland Queen
1.75 5.00 15.00
Trucker's Favorite
.50 1.50 4.50

CORN—Sweet
Catalogue Page 12.
Country Gentleman
$0.95 $1.75 $5.50
Golden Bantam
.50 1.50 5.00
Golden Sweet
1.00 2.50 7.50
Howling Mob
.85 2.00 6.50
Mammoth Sugar
.95 2.25 7.00
Whipp's Early Yellow
.95 2.50 7.00

CUCUMBERS
Chicago Pickle
$0.75 $2.00 $5.50
Davis Perfect
1.00 2.15 6.50
Evergreen White Spine
.65 1.60 5.00
Improved Early White Spine
.25 0.30 1.00
Improved Long Green
.75 2.50 7.50
Stay Green
1.00 4.00 7.00

EGG PLANT—Endive
Catalogue Page 14.
Black Beauty Egg Plant
$0.35 $1.10 $3.50
New York Improved Purple Egg Plant
.65 1.75 5.75
Large Green Curled Endive
.15 0.35 1.15

KALE—Kohr Rabi—Leek
Catalogue Page 15.
Dwarf Green Curled Kale
$0.20 $0.50 $2.00
Early White Kohr Rabi
.70 2.00 6.00
London Flag Leek
.50 1.00 3.50

LETTUCE
Catalogue Page 15.
Big Boston
$0.40 $1.10 $4.00
Black Seeded Simpson
.50 1.25 5.00
Florida Broad Leaf
.50 2.00 6.00
Large White Curled Leaf
.40 1.10 4.00
New York or Wonderful
.40 1.10 4.00
White Boston
.40 1.10 4.00

MUSTARD
Chinese Mammoth
$0.40 $1.75 $5.75
Elephant Ear
.40 1.15 4.00
Florida Broad Leaf
.50 2.00 6.00
Large Smooth Leaf
.50 2.00 6.00
Ostrich Plume
.35 1.00 3.50
Southern Green
.35 1.00 3.50
Japanese Mustard Spinach
.75 3.25 6.00

These prices cancel all previous quotations. Pared Post: If you order from this list to come by Parcel Post, be sure to include money for postage. All prices on this Green Ink List are f.o.b. Memphis.
CANNED MEAT—For Dogs and Puppies

**Hem-O-Ration**, case 48 1-lb. cans... $6.00
**Pup-E-Ration**, case 48 1-lb. cans- 6.40
**Miller's A-l Quick Lunch**, case 48 1-lb. cans- 5.25
**Maro-Meat**, case 18 2K-lb. cans- 5.25
**Ken-L-Ration**, case 48 1-lb. cans - $5.9a

**CANNED MEAT—For Dogs and Puppies**

**Miller's A-l Quick Lunch**, case 48 1-lb. cans... 5.25
**Miller's A-l Puppy Meal**. 2.40 4.60 9.00
**Miller's A-l Dog Biscuit**.... 2.50 4.85 9.50
**Kit-E-Ration**, case 48 1-lb. cans...-- 6.00

**CANNED MEAT—For Dogs and Puppies**

**Champion Puppy Biscuit**.. 2.75 5.10 10.00
**Champion Kibbled Biscuit_** 2.75 5.10 10.00
**Happy Dog and Puppy Food.** 1.15 2.25 4.25
**Stafolife Dog Pellets...** 1.90 3.60 6.90
**Miller's A-l Puppy Meal.** 2.40 4.60 9.00

**FERTILIZERS**

**R.-H. Co.'s Good Luck Cotton Fertilizer, 4-8-4.** 2.00 3.50
**R.-H. Co.'s Sulphate of Ammonia, 16% Nitrogen.** 2.45 4.35
**R.-H. Co.'s Nitrophoska, 15-30-15.** 4.50 8.50
**R.-H. Co.'s Cal-Nitro, 16 % Nitrogen.** 2.50 4.50
**R.-H. Co.'s Nitrophoska, 10-20-20.** 4.00 7.50

**HORSE, STOCK and POULTRY REMEDIES**

**Dr. Hess Stock Tonic, 10 lb. size...**
**Dr. Hess Stock Tonic, 5 lb. size.**
**Legear's Stock Tonic, lb. size...**
**Legear's Stock Tonic, 15 lb. size....**

**FLY, ANT AND ROACH KILLERS**

**Champion Tree Killer, 5 gallon drum.. 6.00
**Blue Stone Crystals, 10 lbs., $1.00; 100 lbs.. 8.25
**Bug Death, 12 lbs., $2.00; 100 lbs.. 14.25
**Pyrox, 1 lb. pkg., 50c; 5 lb. pkg., $1.75; 10 lb. pkg.. 3.00

**SPRAY MATERIAL AND INSECTICIDES**

**Tobacco Dust, 10 lbs., 80c; 25 lbs., $1.50; 100 lbs.. 5.00
**Tree Tanglefoot, 1 lb., 60c; 5 lb. can, $2.75; 10 lb. can... 5.00
**Sulfocide, gallon can, $2.75; 5 gallon can... 8.75
**Slug Shot, 1 lb., 25c; 5 lbs., 75c; 25 lbs., $3.50; 125 lb. keg.. 16.50

All prices on this Green Ink List are subject to market changes and are F. O. B. Memphis, Tenn., buyer paying express or freight charges. If wanted by parcel post, be sure to send extra funds for postage. Customers wanting larger quantities than priced here, write us for special quotations. Non-Warranty. Russell-Heckle Seed Co. guarantees no warranty express or implied as to description, quality, productivity of any seeds or plants they send out, and they will not be in any way responsible for the crop.
These plants can be set out anywhere, and although the top of the plant does not grow until spring weather, the roots take hold immediately and develop, even though they should be covered with snow. Later, when the weather becomes favorable, they make an astonishing growth, due to their early start.

The market gardener who grows cabbages for shipment or the market must have extra early maturing crops if he wishes to obtain the highest prices.

Orders for plants will be shipped in about four or five days after they are received, if weather conditions permit. If plants do not arrive as soon as you expect them you may know that conditions beyond our control are causing the delay.

No plants shipped C. O. D. We will mail these plants at the post-paid prices named below to any address in the United States, except the far West or far North, or we will ship by express collect either from Memphis or from growing station. All plants must be paid for in advance. Please do not ask us to break this very necessary rule.

No order filled for less than 100 of a variety.

**VARIETIES AND PRICES:** Jersey Wakefield, Charleston Large Wakefield, and Early Flat Dutch. Prices: Parcel post paid, 100, 35c; 500, $1.25; 1,000, $2.25. Not prepaid, by express, from Memphis, 100, 25c; 500, $1.00; 1,000, $2.00. Prices, F. O. B. growing station, express collect: 1,000, $1.50; 5,000, $6.00; 10,000, $10.00. All prices on cabbage plants are subject to crop conditions and market changes.

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**R. H. CO.’S BERMUDA ONION PLANTS**

Onion plants are becoming more popular than onion sets. The set has to be absorbed by the new growth before it begins to form the new onion, whereas the plant begins to grow as soon as it is planted and makes more headway than the set, producing delicious young onions that can be pulled green, or if permitted to mature, will produce splendid onions two weeks ahead of onions from sets, and considerably earlier than onions from seeds. Onions grown from plants are larger and do not run to seed in the spring, like sets. They can be set out at the same time you would plant onion sets or cabbage plants, with every assurance of producing a good crop of either young green onions or dry onions. Onion plants will usually produce onions much larger than those grown from dry sets. Plant in rows 15 inches apart and 3 to 4 inches apart in the row.

**Yellow or Straw Colored Bermuda Onion Plants**

Prices, postpaid: 100, 25c; 500, 75c; 1,000, $1.25; 6,000 plants, $4.80. Prices not prepaid, from Memphis: 100, 15c; 500, 65c; 1,000, $1.00; per crate, 6,000 plants, $4.20.

Price f. o. b. growing station, per crate of 6,000 plants, $3.20. Larger quantities at special prices.

**Crystal White Wax Bermuda Onion Plants**

Prices, postpaid: 100, 25c; 500, 75c; 1,000, $1.25; 6,000 plants, $4.80. Not prepaid: 100, 15c; 500, 65c; 1,000, $1.00; per crate, 6,000 plants, $4.20.

Price f. o. b. growing station, per crate, 6,000 plants, $3.20. Larger quantities at special prices. All prices on onion plants are subject to crop conditions and market changes.

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**GATOR HIDE MULCH PAPER**

Most of us have used straw, leaves, peat, manure, etc., for a mulch. They are good, but not permanent nor perfect by any means. Mulch Paper is heavy Gator Hide Kraft Paper impregnated with asphalt. It is black in color, very tough, and is used on the soil surface. Seeds may be planted or plants set in holes punched in the paper, or paper laid between the rows. Thus, while ample space is provided for the plant, no space is left for weeds, and the nourishment they ordinarily steal from the soil is conserved for the crops you plant.

Gator Hide Mulch Paper comes in rolls 18 inches and 36 inches wide, each 150 lineal yards (450 feet) long.

**Type B—Heavy weight, for all purposes:**

- Rolls 18 inches wide, 150 yards long, each $3.00.
- Rolls 36 inches wide, 150 yards long, each $6.00.

F. O. B. Memphis.