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W. W. TRACY, Jr.



NORTHERN GROWN

THE H.A.S. LILLY CO.

SEATTLE PORTLAND SAN FRANCISCO

BEST FOR THE WEST

1906

GENERAL CATALOG OF

SEEDS
PLANTS

POULTRY AND BEE SUPPLIES
FERTILIZERS.

NONPAREIL LAWN GRASS

BEST FOR THE WEST
SOLD ONLY IN SEALED PACKAGES ---



The above is a view of the home of Chas. H. Lilly. This is a picture of one of the most beautiful lawns on the Pacific Coast, and it is sown of course with Nonpareil Lawn Grass Seed.

NONPAREIL LAWN MIXTURE

Nonpareil Lawn Grass is a well proportioned mixture of seven different native and imported grasses. This gives a superior lawn for two reasons. First, a mixture makes a solid turf, each grass having its own peculiarities of growth, some deep rooting and others of a spreading habit. Thus a mixture makes a compact sod closely interwoven and will not wash by rains or punch full of holes when walked on.

The second reason why Nonpareil Mixed Lawn Grass Seed is to be desired is because the varieties of grass seed are selected on account of the time of growth. Everyone knows that some grasses being deep rooted are at their best during the dry summer, others of a different nature are at their best during the fall or winter, thus a lawn containing all of these desirable varieties is always in good shape and one avoids having in the late summer and fall one of those thin lawns which you can see through.

Always prepare your land thoroughly and have it well enriched before sowing seed. Lawns will not only make a better growth but will have a far better color where plenty of nourishment is supplied.

1 lb. of Nonpareil Lawn Grass Seed will sow a space 20x20 ft. The more seed you use the better lawn you will get. Full directions on each package.

We strongly recommend a commercial fertilizer such as Holly Lawn Dressing. As stable manure does not contain any potash, one of the most essential elements, especially on the Pacific Coast, and besides being unpleasant to handle and have round the yard, it also has the disadvantage of being full of weed seeds. When the stable manure has to be bought, Commercial Fertilizer is the cheapest.

A Lawn Roller is very necessary if you wish a smooth solid lawn. It levels down any little bunches or tufts of grass and makes the lawn much easier to mow.

Nonpareil Lawn Grass is sold only in sealed packages, each package containing full directions for preparing, planting and caring for lawn.

Price, 1 quart sealed package containing about 1 lb., 25c; 1 lb. by mail add 10c.
10 lbs. Sealed Bags, \$1.85; 25 lbs. Sealed Bags, \$4.25.

OLD LAWNS.

Should have an application of Holly Lawn Dressing and about 1 lb. of Nonpareil Lawn Grass to every 20x40 feet, it will be found an advantage to sow the seed early and it is not necessary to rake it in as the shade from the growing grass will protect the seed until it takes root.

LILLY'S BEST WHITE CLOVER.

Sold only in 1 lb. sealed packages and guaranteed to be the very best and purest seed obtainable, absolutely free from weed seeds, foreign matters or shrivelled seed.

You don't know what really good White Clover looks like unless you have tried Lilly's Best.

Price, 1 lb. Sealed Package, 30c.

LILLY'S BEST KENTUCKY BLUE GRASS.

Sold only in 1 lb. sealed packages. We guarantee these packages to contain only fresh Blue Grass seed of superior quality and free from all impurities. This kind of seed costs a little more than the ordinary, but it is worth twice as much.

Price, 1 lb. Sealed Package 25c; by mail add 10c per lb.

The CHAS. H. LILLY CO.

SEATTLE—PORTLAND—SAN FRANCISCO

CHAS. H. LILLY, Pres. and Genl. Mgr.

D. E. CAMPBELL, 1st Vice-Pres. & Mgr.
Grain Dept.

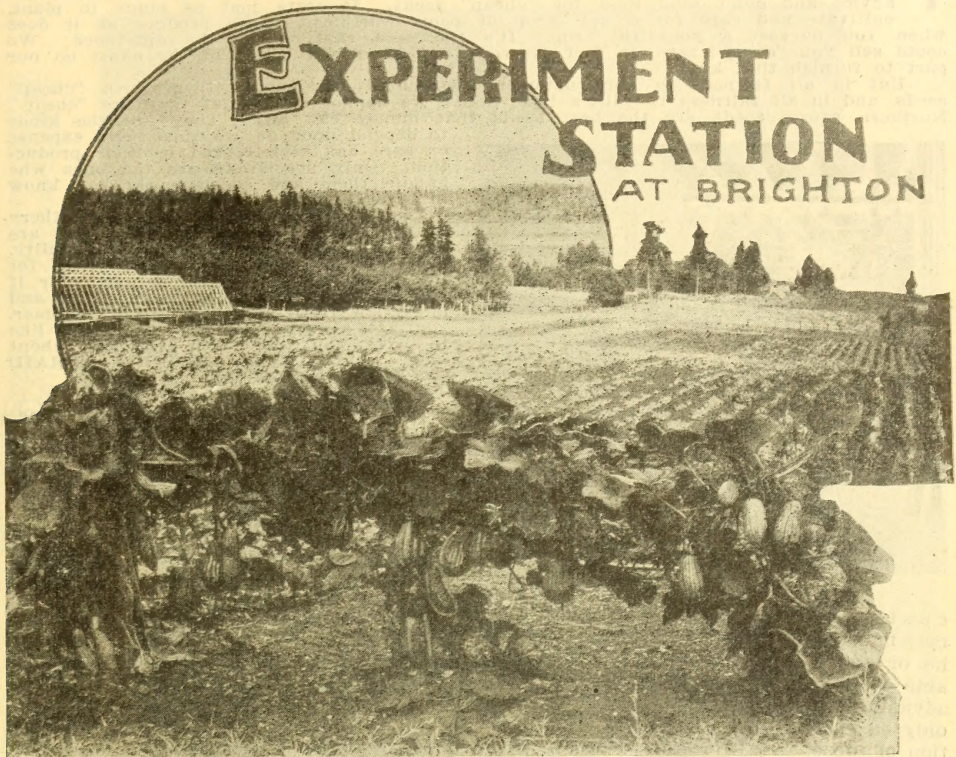
FRANK LECKENBY, 2d Vice-Pres. & Mgr.
Seed Dept.

W. S. PERSONEUS, Auditor & Treas.

E. T. POPE, Sec. & Mgr. Transportation.

H. A. CUSHING, Local Mgr. at Portland.

A. H. HANKERSON, Local Mgr., San Francisco



Mark Twain says: "Truth is our most valuable possession and we should make use of it sparingly.

We have not, however, made use of Mark's advice in getting out our catalog.

The descriptions of the vegetables and flowers in this year's catalog are the results of the experiments and experience gained at our Brighton Beach Trial Grounds. We are the only seedmen on the West Coast who make actual Field Trials, and are therefore in better shaps to furnish seeds and plants that are adapted to the climatic conditions of the Pacific Northwest than any other seed house in the United States. We not only test all the standard varieties, but are constantly on the lookout for valuable new sorts introduced by others or originated by ourselves.

In presenting this, our general catalog for 1906; we sincerely thank our friends and customers for their liberal patronage of time past and will strive to merit continuance.

July 1, 1905, the old firm of Lilly, Bogardus of Seattle, was succeeded by the new firm of The CHAS. H. LILLY CO., of Seattle, Portland, San Francisco. New store rooms, warehouses, offices, etc., had been secured in the latter two cities and new stocks were promptly installed to satisfy the growing demands for Lilly's Best Seeds and Poultry Supplies.

January, 1906, therefore, finds us with three mammoth stocks located in the three centers of population of the Pacific Coast; equipped with the best machinery in the world, and served by the ablest seedsmen and mail order staff on the continent. Our customers are assured of improved service, right prices and best goods.

We always ship from the store nearest our customers, and so give the quickest service and save them the most in freight.

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LILLY'S BEST SEEDS

"Best for the West"

YOU cannot afford to send East for seeds when you can buy varieties that are proven to be adapted to the conditions of the Pacific Coast. Whatever you do, take our advice and don't send East for "cheap" seeds. It costs just as much to plant, cultivate and care for a half crop of poor, worthless, runty produce as it does when you harvest a bountiful crop. It's the seed that makes the difference. We could sell you "cheap" seed, in fact, it would not require a thithe of the effort on our part to furnish that kind.

But in all fairness to our customers, we could not supply them with "cheap" seeds, and in all fairness to Lilly's Best Seeds, we cannot claim that they are "cheap." Northern grown seeds are the best seeds that money can buy. They are the kinds

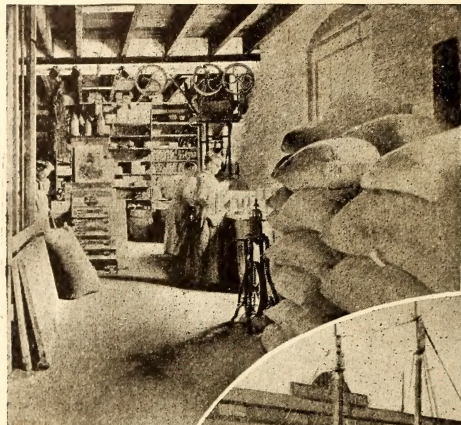
to depend upon at all times. No expense or care has been spared in their production. Only specialists are the ones who handle them and consequently you know in advance what you are getting.

Year in and year out, Lilly's Northern grown seeds are proving that they are worth the difference in price and quality. You will find that the saying "Best for the West" is true in every particular if you but give these good seeds a fair and impartial trial. Once you are a customer, you are always one, and we would like to have you tell your neighbors about your results. **WE ARE NOT AFRAID OF YOUR VERDICT.**

ABOUT CLUB ORDERS.

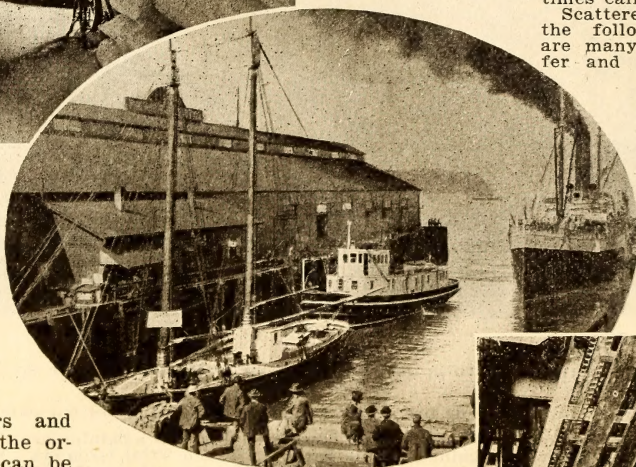
or neighborhood orders as they are sometimes called.

Scattered through the following pages are many special offer and the average



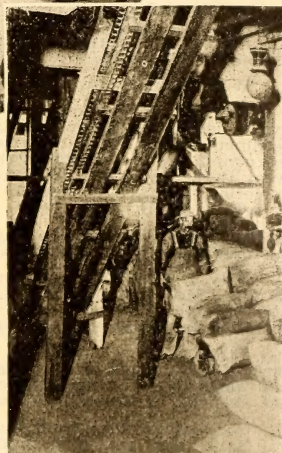
customer may find that he or she is able to take advantage of only a portion of these. Such customers should find out the needs of their neighbors and by combining the orders a saving can be gained in the delivery charges and also we will make it an object to the person who goes to this effort.

Don't be afraid to organize a club order, for you are dealing with the largest and strongest Seed firm in the West, and you are protected. Ask any bank, postmaster or station agent as to the standing of the Chas. H. Lilly Co., and as to our responsibility. If you have never had dealings with us, get a sample order and see how promptly and well it is filled. Then you will be in better position to talk to your neighbors and the public generally about Lilly's Best Selected Stock of Northern Grown Seeds.



**LILLY'S
BEST**

is
the
Best



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This Catalog Is Our Salesman

In it you will find that we have understated, rather than over-claimed, the merits of our seeds. Lilly's Crop Book is yours for the asking. Write us and tell of your results. Whether of your successes or your troubles, we are always glad to hear from our customers and friends, and each one is sure of a prompt reply.



ABOUT PRICES.

Prices named in this catalog are the lowest that honest seeds such as Lilly's best Selected Stock can be sold for. As we stated before, they are not cheap seeds, but they are seeds with a mission, and that mission is to put money in your purse. Everybody is treated alike in the matter of prices and those who can use larger quantities than we list

will find it to their advantage to write us for quotations. However, there are no "inside" prices to anybody.

ABOUT MISTAKES.

In a broad gauge business like ours, the occasional mistake is bound to occur. You could not expect any firm to be perfect, and when one does occur, you will find no firm more prompt to correct and make amends for any shortcomings. Every dealer

has or can get Lilly's Best Seeds described in this catalog but insist on being supplied with the sealed packets and be sure that the words "Lilly's Best" are printed on the package.



"Not
How
Cheap
But
How
Good"

FOR INDEX SEE LAST PAGE OF CATALOG

Sold only in
sealed packages.



LONGFELLOW

The Best
Green Pod
Bush Bean

**LILLY'S
BEST**

This new snap bean is one of the most prolific we have ever grown. For those who prefer a green podded bush bean it is the best. The strong, healthy plants produce enormous crops of smooth, round pods, early and uniform. They are smooth, round and fleshy, have a most delicate flavor and retain their bright green color after cooking. The pods are remarkably free from strings, tender and brittle.

Pkt., 10c; 1 lb., 25c, postpaid. By freight, charges paid by purchaser: 1 lb., 15c; 10 lbs., \$1.25.

Ladies, see page 21.

GOLDEN JERSEY WAX

**LILLY'S
BEST**

The Best Yellow Pod
Bush Bean

THIS improved strain of the old favorite Golden Wax, which we sold to our customers last season, has borne out all our claims for it.

The bushy, vigorous plants are always loaded with broad, thick, brittle, tender and stringless pods of a most delicious flavor and beautiful golden yellow color. This bean well deserves all its popularity, as it undoubtedly makes the finest appearance of any bush bean grown. Perfectly reliable, as it never fails to produce an abundant crop.

Sold only in sealed packages.
Price: Pkt., 10c; 1 lb., postpaid, 25c.
Freight charges paid by purchaser:
1 lb., 15c; 10 lbs., \$1.25.



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JONES' STRINGLESS WAX

LILLY'S BEST STOCK

WE offer this handsome wax bean with the greatest assurance that it is undoubtedly the finest that we have ever sold.

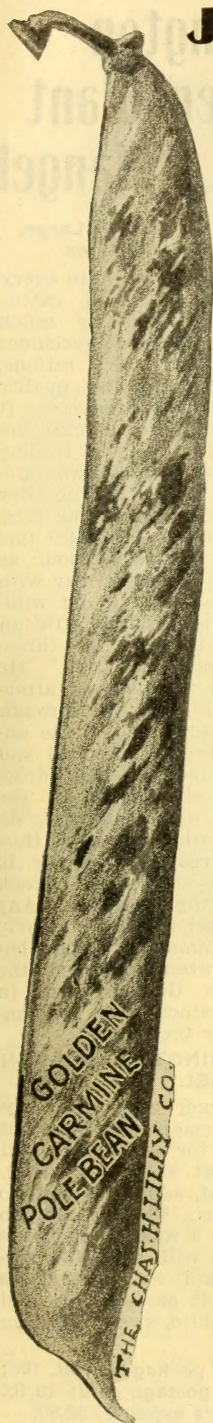
The plants form perfect little trees which support the mass of long straight yellow pods well.

We have never known this bean to rust if they are picked as fast as they become fit. The plants will continue to bear

until frost comes. The pods are very fleshy and **ABSOLUTELY STRINGLESS**, even when large enough to shell.

The beans when ripe, are pure white and valuable both as green shell beans and for winter use. The prolific ever-bearing qualities of this bean make it a most profitable sort for market gardeners.

Sold only in sealed packages. Price: Pkt., 10c.; 1 lb., 25c., postpaid. By express not prepaid, 1 lb., 15c.; 10 lbs., \$1.25.



CARMINE POLE HORTICULTURAL

A new variety of Pole Bean of the Horticultural type, but bearing bright golden pods. It is at least ten days earlier than the Horticultural, and the pods, which are stringless, are equally as large but more striking in appearance, as upon the approach of full size they become mottled and streaked with an unusually bright carmine color on the golden yellow background, thus making an attractive combination of colors. The pods are brittle, meaty and very tender, and remain so for a long time. We believe this new Bean will prove satisfactory to all who plant it.

Pkt., 10c.; 1 lb., 30c., (postpaid, 38 cts.); 2 lbs., 45c., (postpaid, 60c.); by express, 8 lbs., \$1.50; 15 lbs., \$2.50.

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Royal Red Mangel

ROYAL QUALITY
AND
ROYAL COLOR

ROYAL FEED
FOR
ROYAL STOCK

LILLY'S
BEST

See Cut.

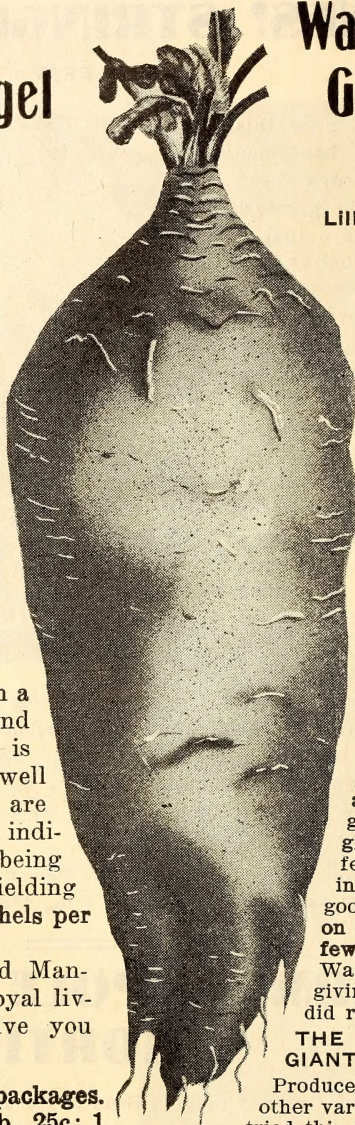
"The L. B. Royal Red Mangle is the richest in color and quality and the most productive red stock Beet we have ever grown." Is the verdict of hundreds of farmers and dairy-men.

All mangles do best in a rich sandy loam soil and when our Royal Red is planted in such a soil well prepared the results are most gratifying, the individual blood red roots being smooth and uniform yielding from 1,500 to 2,000 bushels per acre.

Use L. B. Royal Red Mangle, give your stock Royal living and they will give you Royal returns.

Sold only in sealed packages.
Prices: Pkt., 10c; ½ lb., 25c; 1 lb., 50c, four 1 lb. pkgs., \$1.50, prepaid.
By express or freight, not prepaid, 5 lbs. \$1.50, 10 lbs. \$2.50.

For complete list of Beets see Vegetable Seeds. When ordering seeds ask for a free copy of Lilly's Crop Book. This book gives full cultural directions for all garden crops and is the result of the experience of the best gardeners in the West. Remember, it tells how to grow things here—not back East.



Washington Golden Giant Mangel

Lilly's Select Stock. Large,
Smooth, Rich

This Beet offers to every feeder of sheep, cattle, horses, hogs or milch cows a useful, succulent feed for stock rations, producing a high quality of animal products. It has been found that the benefits of beet feeding results in materially aiding digestion of dry foods. One of our largest stockmen puts it this way: "I feed about as much grain and hay with the beets as I did without, but I put cattle on the market in three-fourths of the time." He called the writer's attention, in walking through his feed yards, to the entire absence of grain and other feed in the droppings, showing that the animals were completely digesting what was fed, thus giving greatest economy in feed and keeping the stock in a healthy condition. Any good mangel will act similarly on the animal's system, but few can even approach the Washington Golden Giant in giving the stock such a splendid relish for their feed.

THE WASHINGTON GOLDEN GIANT MANGEL

Produces a larger crop than any other variety. Farmers who have not tried this Mangel for stock have still to learn of its great value for cattle, both for milk and meat, adding as well to their health and comfort. The Washington Golden Giant produces a root of enormous size, uniform in shape, with a smooth russet skin, growing half its bulk above ground, thus making it easy to lift and gather. The flesh is white, sweet and firm and greedily eaten.

Put up only in sealed packages: Pkt. 10c; ½ lb., 25c.; 1 lb., 50c., postage paid; 10 lb. by freight at purchaser's expense, \$2.50.

For Map see page 33

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Crimson Globe Beet

UNEQUALED IN FORM.

UNEXCELLED IN FLAVOR.

UNSURPASSED IN COLOR.

The Crimson Globe is without a par for the Home Garden. They grow to just a nice size for cooking, averaging about three inches in diameter. The flesh, of the finest grain, is sweet and tender, blood red and delicately zoned with white.

The surface of the Beet is exceedingly smooth and free from woody, fibrous roots.

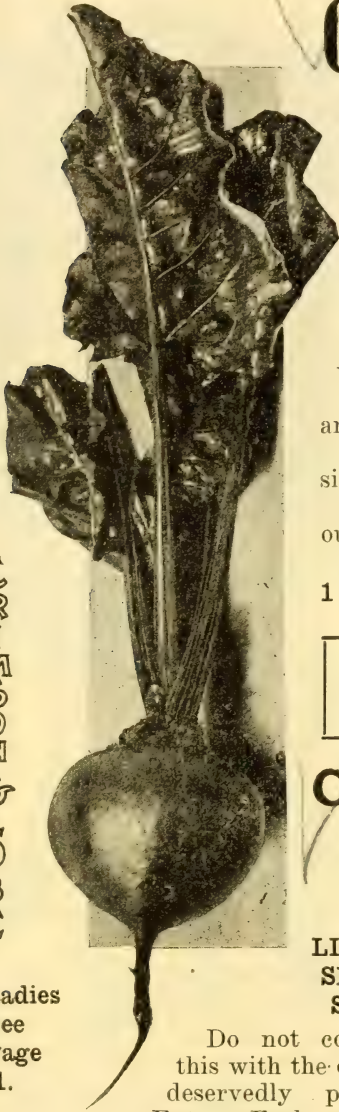
Being very early and growing quite uniform in size, it is an excellent beet for marketing.

Decidedly the best Beet we have ever offered our patrons.

In sealed packages only. Pkt., 10c; 5 oz., 25c; 1 lb., 50c, postpaid.

With each 25c order for seeds request a copy of Lilly's Crop Book. It tells how to grow beets in this section.

CRIMSON GLOBE



Ladies See Page 21.

Do not confound this with the old and deservedly popular

Extra Early Egyptian. Crosby's is an especially selected strain, as early as the old variety and **excelling** it in all other respects, being larger, smoother, thicker and of much finer quality.

The Crosby's Strain does not become woody nor hard, and for this reason and the fact that the top is not as large as the old variety it is most popular with Market Gardeners.

This strain is sold only in sealed packages. Pkt., 10c; oz., 15c; 5 oz., 25c; 1 lb., 50c.

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CROSBY'S EGYPTIAN BEET

LILLY'S NEW SELECTED STRAIN.



LILLY'S BEST

VILMORINS

Paris Golden Yellow

CELERY

QUALITY UNEXCELLED

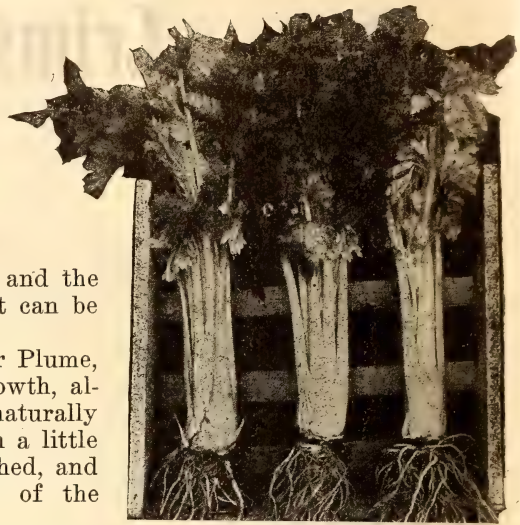
(For Illustration See Outside
Rear Cover.)

This variety is of French origin and the stock we offer is the very best that can be secured.

While it is not as early as Silver Plume, it is of very solid and compact growth, almost the entire plant blanching naturally to a beautiful, creamy white. With a little help the entire plant may be bleached, and blanching with earth adds much of the nutty quality of any celery.

The stalks are invariably crisp, exceedingly free from stringiness and of a sweet and delicate flavor. We consider this the most valuable sort for home and market Gardeners, on account of its sturdy growth, self-blanching and excellent qualities.

Sold in sealed packages only. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.



Silver Plume Celery

EARLIEST

LILLY'S SELECT STOCK

PERFECTION ATTAINED

In Celery Growing by using Lilly's Select Stock of White Plume, which is the surest self-blanching Celery grown.

The variety was introduced several years ago, but has always had a tendency to revert to the green color of the parent stock.

By continuous selection, however, we now offer Lilly's Best Stock with the assurance that almost every plant will blanch naturally, making handsome white plumes, as designated by the name.

Silver Plume is of dwarf growth, but has never been equalled in quality and earliness.

The stalks are smooth, crisp, and growing compactly, producing solid, pure white hearts, unexcelled in flavor.

Lilly's Select Stock sold only in sealed packages. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; 1 lb., \$4.00.

To every person who sends us an order for \$1.00 worth of Seed (listed in the first 32 pages), part of which is for his or her neighbor, we will give free a packet of Silver Plume Celery. To be in this offer you must send us your neighbor's name and address, as well as the names of kinds of seed you order for your neighbor. These will be sent by us direct to each party.

Ladies, see Page 21.

Golden Half Long Carrot

THE BEST OF THE YELLOW CARROTS

Lilly's Select Stock

This new carrot is justly popular, for while at maturity it is of large size, so that it equals any of the old style carrots in bulk or yield per acre, it is as sweet as the Chantenay, and at all times during its growth is in perfect condition for table use. In color it is a rich golden yellow and is a solid and good keeping sort.

Its root is cylindrical, and grows to a large size, is very smooth, and the flesh very close in texture with very little core, and a small tapering tap-root. It is a first-class carrot for all soils, and under good cultivation has often yielded from 25 to 30 tons per acre, with the smallest length of root of any now grown. It is a valuable carrot both for the table and for stock feeding. Lilly's Select Stock is put up only in sealed packages and sold at following prices: Pkt., 10c; $\frac{1}{4}$ lb., 25c.; lb., \$1.00; 3 lbs. for \$2.50; 5 lbs. for \$3.50, prepaid.



LILLY'S MASTODON CARROT

Our Selected Seed Comes Only
In Sealed Packages
The Carrot for the Stockman.
The Heaviest Yields. The
Easiest to Harvest. The Rich-
est in Flavor.

The Lilly's Mastodon Carrot is the best variety for the stock raiser to sow. It is far ahead in yield of the old long-rooted varieties and vastly easier to harvest. It attains a diameter of from three to six inches on good land, and a yield of from twenty to twenty-five tons per acre is common. The Lilly's Select Mastodon seed is put up only in sealed boxes at the following prices:

Pkt. 10c.; $\frac{1}{4}$ lb., 25c.; lb., \$1.00; 3 lbs., \$2.50;
5 lb., \$3.50, prepaid.

Any person ordering \$1.00 worth of packet seed from the first 32 pages is entitled to a free packet of Lilly's Best Golden Half Long Carrot, provided he or she will promise to let us know of how large yield they get from Lilly's Best Seeds. You must ask for this premium, as we want all our friends to try it and tell us about their seed experiences.

LILLY'S
BEST

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Early Alba Cauliflower

Lilly's Select Stock in Sealed Packages

The White Heading Kind

For Map see page 33

PUGET SOUND is

The Only Place on the American Continent where a high grade of

Cauliflower Seed

Can be Grown

The Early ALBA is the BEST of all the selected varieties

Produces heads of most dazzling beauty; perfect in form, large, smooth and white as snow.

This is the market gardener's gold mine.

It can easily be made the most paying crop on the place, but to meet with success it is absolutely necessary to have the right seed and then to give the plants thorough fertilization and

cultivation. The production of choice cauliflower seed will always be laborious, expensive and requiring years of experience, but it is economy for the grower to pay enough for the seed to get the best. Early Alba is grown on the shores of Puget Sound in a climate that is peculiarly adapted to the production of the best quality. The winters are of a uniform temperature, never getting cold enough to entirely check the growth of the mother plants, and at the same time it is never warm enough to start an unhealthy growth at that time when the plants should be kept nearly dormant. Again, during the warm, moist summers, we have the ideal climate for maturing the seed. Cauliflower growers should try the New Early Alba. It is a winner.

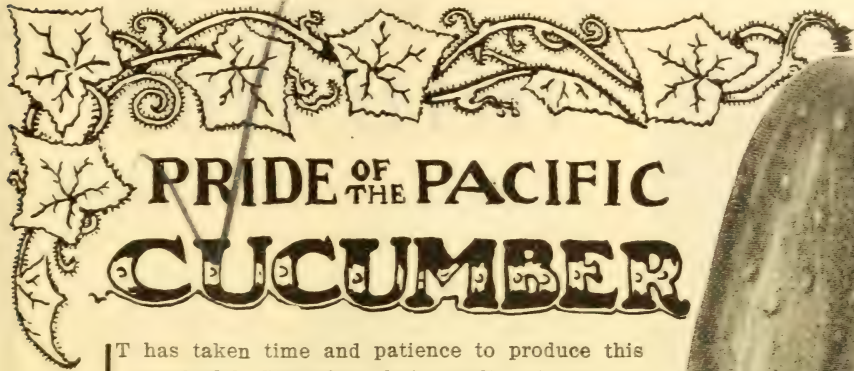
The cauliflower seed farms of Puget Sound have been visited by representatives of the U. S. Government and by the leading horticulturists of the world. These men, one and all, have been enthusiastic over the great perfection to which the cauliflower of this section attains. Early Alba is grown specially for us by a man who has spent his lifetime in striving for a perfect cauliflower and whose father before him spent the best years of his life in learning the mysteries of producing cauliflower seed. We have a large gardeners' trade for Early Alba and these men will pay a large price for it rather than use anything else.

Price: Pkt., 25c.; oz., \$3.00, prepaid. Sold in sealed packages.

SEE ALSO VEGETABLE PLANTS.

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PRIDE ^{OF} THE PACIFIC CUCUMBER

It has taken time and patience to produce this wonderful Cucumber, but results at our experimental station show that this excellent specimen of the Long White Spine variety is certainly unique. The vines produce an enormous crop, being of unusually vigorous growth. Perfectly smooth and very dark green, the handsome fruits measure ten to eighteen inches long; are always straight; remaining green until ripe and are very solid. The beautiful white flesh is firm, crisp, and of most delicious flavor. The flesh is very thick, as the seed are few and exceedingly small. The Pride of the Pacific is absolutely unequaled and is sure to supplant all other varieties of long green Cucumbers.

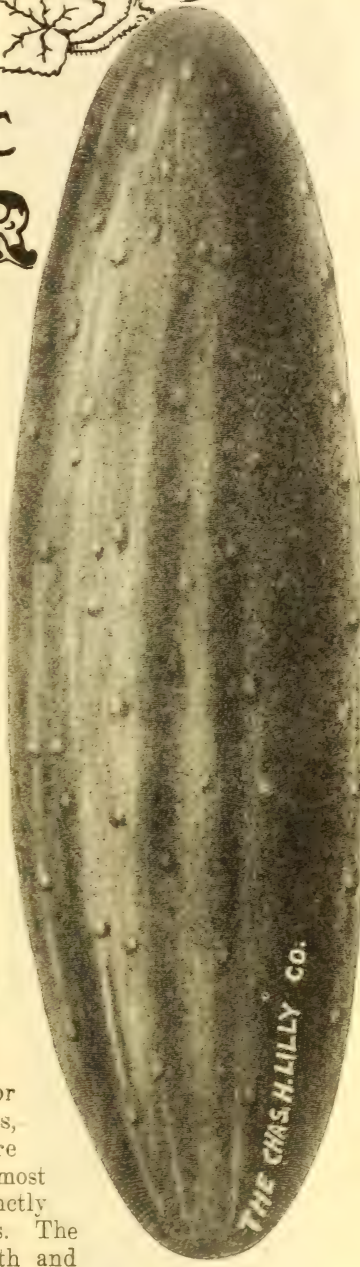
The demand among gardeners is sure to be great for this marvel because it will bring the highest market price and because the Pride of the Pacific belongs to the white spine family of Cucumbers and the vines are hardy and vigorous and produce such an enormous yield which continues until late in the fall.

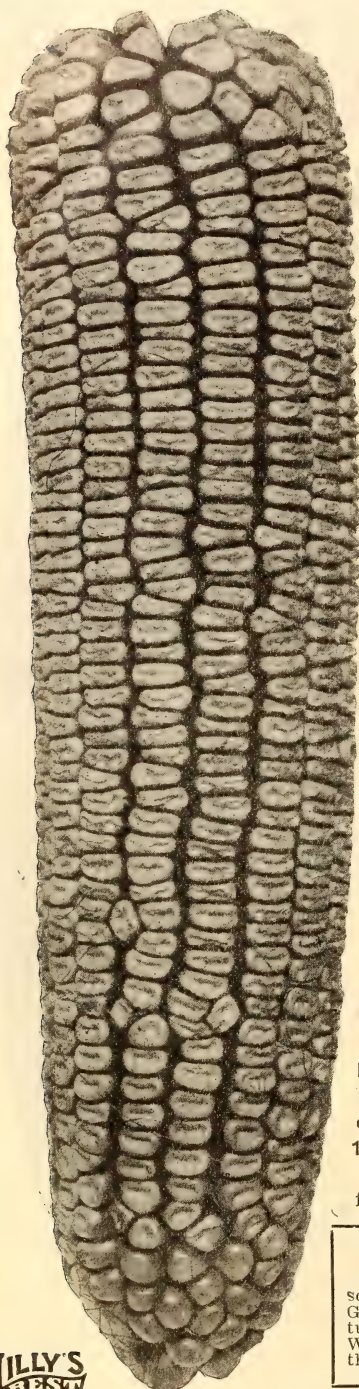
Sold only in sealed pkgs. Price: Pkt., 10c; oz., 25c; 2 oz., 40c; 4 oz., 65c; 1 lb., \$2.00.

LILLY'S PICKLING CUCUMBER

An exceptionally good cucumber for pickling. The fruit set thick, are closely covered with small spines, and are just right for making large pickles or small gherkins. Vines are hardy, vigorous growers, and produce an abundance of cucumbers, which are rather thick, very symmetrical, crisp and of the most delicious flavor. The young fruits possess that distinctly roughened surface so greatly desired for small pickles. The full grown fruit averages about ten inches in length and from 2 to 2½ inches in diameter. This is one of our novelties that we can heartily recommend.

Large packet 10c; oz., 25c; lb., \$1.10.





PEDIGREE FIELD CORN

Guaranteed Northern Grown

IT is a common saying that corn, good old fashioned field corn, will not grow on the Pacific Coast. We know it will grow—grow fine, if only the right seed is used. How do we know that a good crop of corn can be produced? Because we have seen it, not once, but many times and “seeing is believing.”

We want to show you, to prove to you that a crop of good corn can be produced anywhere on the Pacific Coast—mind you, we say a **crop**, not a few little nubbins of ears and here and there a runty stalk, but a field full of juicy, succulent stalks and a multitude of well filled, well matured ears.

Last year we introduced to the West our Golden Nugget and everywhere it has proven a winner. Why? Because Golden Nugget is bred in the North and we mean what we say. It is bred. It is pedigreed stock just as much as the blue ribbon Percheron that sweeps all the prizes at the state fair. Golden Nugget has been selected for years,—selected for earliness, selected for hardiness, selected for quality, selected out of over one hundred different types by the State Agricultural College of Minnesota, then by the seed-corn growers of that northern state, and lastly by ourselves, as being adapted to the Pacific Coast. Again, let us emphasize that our Pedigree Corn is Northern Grown—we guarantee that. It costs more to grow seed corn in the North, but it is worth ten times what it costs to you.

This year we offer you the choice of four varieties, all pedigreed, Northern grown:

Golden Nugget—Early Yellow Dent.

Triumph—Early Yellow Flint.

White Rustler—Earliest White Corn ever introduced.

Northwestern Red—A red dent corn in a class by itself.

Try our Northern Grown Corn Seed and be convinced of the difference.

1 lb., 10c.; 100 lbs., \$8.00. Sold only in sealed packages.

If small quantity is wanted by mail, add 8c per pound for postage.

FIRST PRIZE.

At the Jefferson County Fair, Sept. 21, 1905, Wm. Nicholson was awarded 1st prize for a sheaf of GOLDEN NUGGET CORN, each stalk of which bore two ears fully matured, which he had grown on his farm near Quilcene, Wash., thereby disproving the statement so often made that “you can't raise corn in this country.”

**LILLY'S
BEST**

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PREMO SWEET CORN

EARLIEST OF THE EARLIES

There is nothing looked forward to with more pleasure than the first sweet corn, but the most of us don't want to have to look forward too long—we want the realization instead of the anticipation. To all who enjoy sweet corn and want it early we recommend Premo, a corn that will be fit to use in 50 days from planting, a corn that is peculiarly adapted to the cool nights of the Pacific Coast. Premo produces rather small ears, uniform in size and very sweet.

As Premo is very hardy it can be planted two weeks earlier than other varieties. Try it and you will have corn on the table three weeks before your neighbors. As early corn always brings a good figure on the market, there is good money to be made in planting a half acre of your best land to Premo; you will have a nice revenue from it and will harvest the corn in time to plant another crop on the same land.

Sold only in sealed packages: Pkt., 10c.; 1 lb., 25c.; prepaid. If sent by freight or express at purchaser's expense, 15c lb., 4 lbs. 50c.

METROPOLITAN SWEET CORN LARGE, SWEET AND BEST

Growing continually in popularity, because it is as early as Red Cory and as large as Evergreen; sweeter than either and especially adapted to the Pacific Coast. We could fill a book with recommendations of this corn which we listed for the first time in the Northwest two years ago. The demand for Metropolitan continues to increase, which fact is proof enough of the satisfaction it gives to our patrons.

Price: Pkt. 10c; 1 lb. 25c, prepaid. Freight paid by purchaser. 1 lb., 15c.; 10 lb., \$1.20; 50 lb., \$4.50.

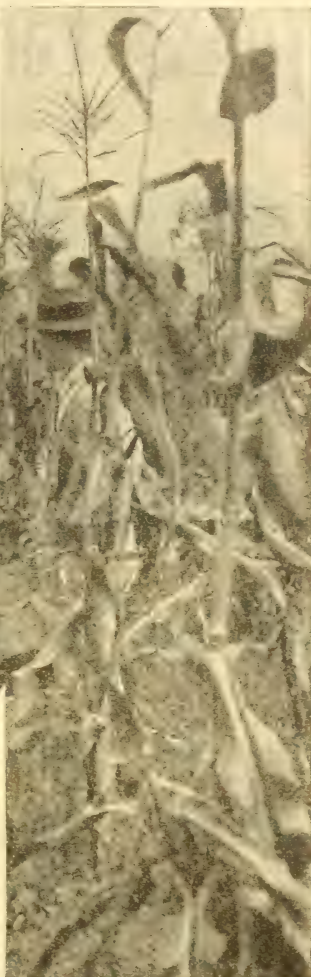
AUSTRALIAN

The largest, hardiest and most uniform corn ever introduced into the Northwest. It will thrive at an altitude of 6,000 feet, where it is always too cold for other varieties, and will do well anywhere on the Pacific Coast.

Australian is also a drouth resister and has produced crops where other varieties failed completely. While the fodder is large, it is early and on account of its hardness can be planted early without danger. The ears are large, having ten to 14 rows, always filled well at both ends and is a most valuable market variety as the handsome ears make a most tempting display. For the farmers who have stock to feed, it can not be beaten for the fodder crop is immense.

Australian is half way between a field corn and a sweet corn. The ears make fairly good green corn but not to be compared with either Premo or Metropolitan.

Sold only in sealed packages: Packet, postpaid, 10c; 1 lb., postpaid, 25c. If sent at purchaser's expense, 1 lb., 15c.; 5 lb., 50c.; 12 lb., \$1.00.



LILLY'S BEST Early Jersey Wakefield

To be had only in sealed packages. Grown on Puget Sound—Specially Adapted to the Northwest.



The Early Jersey Wakefield Cabbage has for a long time been the leading Extra Early Cabbage, and is the most popular for both private and market gardeners' use. It is more largely grown than all other first early varieties, and can always be depended upon for its earliness and sure crop. In short, it is the best first crop. **Lilly's Selected Stock** is carefully grown and selected by the most expert of growers. The climate of Puget Sound is

peculiarly adapted to the growing of superb cabbages and the seed is of a superior quality. Users of our seed write us from all sections of the United States, that Puget Sound seeds produce Cabbages that head early and hard. The heads of Early Jersey Wakefield are conical in shape, solid and heavy, with thick, heavy outer leaves.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; 1 lb., \$2.00, postpaid. Sold in sealed packages.

All Seasons Cabbage

LILLY'S SELECT STOCK

AN excellent variety, sure heading and long keeping. As its name indicates it can be planted early or late. It would be classed as a second early variety, but whether for medium early, main crop or late use, it is unsurpassed by any other sort. The gardeners in the neighborhood of all large cities have used it for years for their main crop, and there is no doubt that it will remain the standard for years to come. It is one of the very finest cabbages in existence today, and is absolutely true to its type under all conditions. Our seed is especially grown and selected by us, and sold in sealed packages.



A packet of All Seasons free with each order for 50c worth of seeds from first 32 pages.

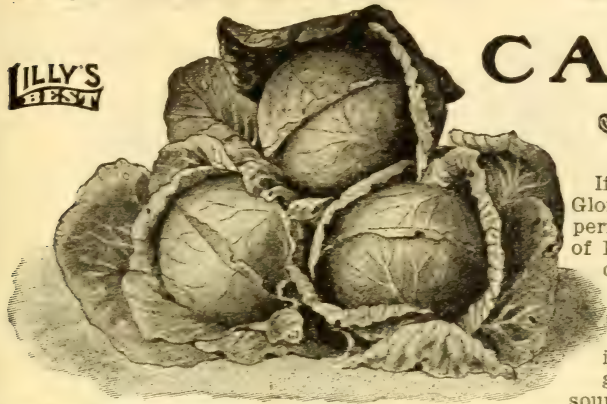
Pkt., 10c.; oz., 20c.; $\frac{1}{4}$ lb., 60c.; lb., \$2.00, postpaid. Sold in sealed packages.

FOR INDEX SEE LAST PAGE OF CATALOG

LILLY'S GLORY

CABBAGE

LILLY'S
BEST



If you have never tried Lilly's Glory you don't know what cabbage perfection is. The delicious flavor of Early Jersey Wakefield, the size of All Seasons and the solidity of Ball Head are all combined in Lilly's latest cabbage. No wonder we call it Glory. It is glorious in flavor, a glorious grower, a glorious keeper and a source of the most glorious satis-

faction to every gardener. Three years ago we ran across this cabbage; two years ago we tried it for the second time at our trial grounds and were so immensely pleased with it that last year we concluded to offer it to our customers. Everyone who planted Glory Cabbage last year was satisfied—more than satisfied. There have been lots of cabbages, and mighty good cabbages, before Glory came, but there never was a cabbage that for all around, downright goodness could hold a candle to Lilly's Glory. A vigorous grower, true to type, every cabbage just like its neighbor, symmetrical heads that make good shippers, white inside and solid to the core. If the best is good enough for you, get Lilly's Glory, a product of Puget Sound, the finest cabbage seed country in the world.

Price: Pkt., 10c; oz., 35c; 4 oz., \$1.25; 1 lb., \$3.50, postpaid.

DANISH BALL CABBAGE

NOT NEW, BUT IMPROVED.

MANY of our patrons are familiar with this variety, which has perhaps attained greater popularity than any other cabbage introduced in years.

It deserves all its popularity, as the solidity and keeping qualities are unexcelled.

The heads are medium size, fine grained and firm, with no waste heart, and have few outer leaves, which allows close planting in order to get the most from an acre of ground. Heads average about six pounds each.

Danish Ballhead is very hardy in all localities, withstands hot weather and seldom are heads seen to burst in wet seasons, and they will stand longer in the ground than any other variety.

Lilly's Select Stock sold only in sealed packages.

Pkt., 10c; oz., 25c; 4 oz., 85c;
½ lb., \$1.50; 1 lb., \$2.50.

Ladies, see
page 21.



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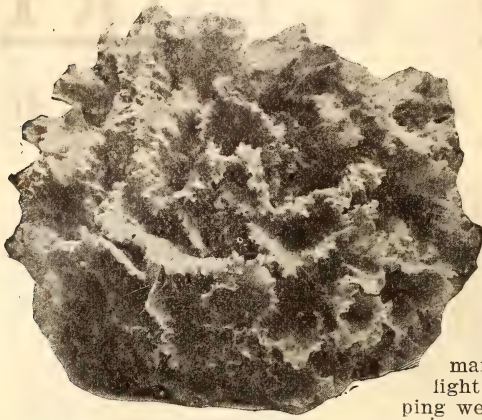
LETTUCE

Lilly's English Forcing

CRISP -- TENDER -- HANDSOME

(LILLY'S SELECT STOCK.)

THE most valuable variety for home culture, because it is large, easily grown out of doors or in frames, stands more neglect in watering and does not run to seed as quickly as most varieties. The most valuable for market purposes, because it is quickly ready for market in fine, large bunches of a beautiful light green color, never spotted. Stands shipping well. Always reliable.



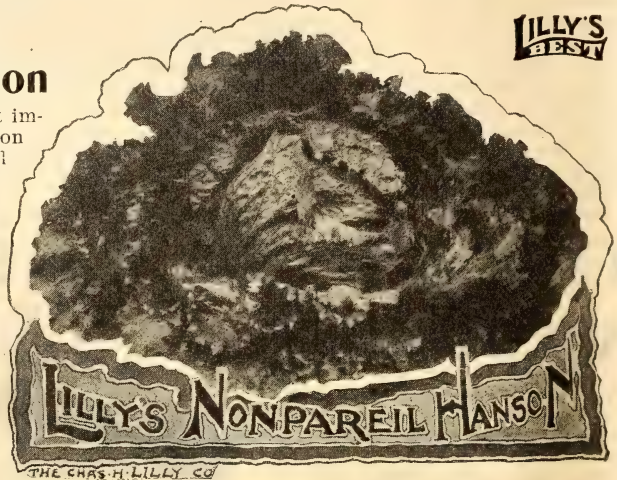
Sold only in sealed packages. Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1 lb., \$1.25.

Lilly's

Nonpareil Hanson

OUR Nonpareil is the most improved strain of Hanson lettuce offered for several years. It is a sure header, never spotted, but a clear light green, and of much finer texture than the ordinary strain of Hanson.

This variety will prove most satisfactory for home use, as the outer leaves remain tender for a long time and may be used individually before or after the plant begins to head. The plant will stand longer than any other variety before going to seed.



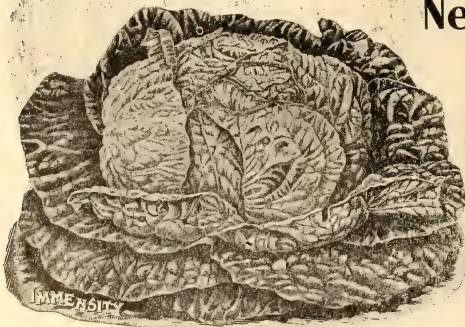
Do not confuse our Nonpareil with the ordinary Hanson Head Lettuce.

Sold only in sealed packages. Pkt., 10c; oz., 20c; 1/4 lb., 40c; 1 lb., \$1.50.

New Lettuce, IMMENSITY

THE largest of all Head Lettuces. A rapid and luxuriant grower, and as a consequence exceedingly sweet, tender and crisp. The plant will often grow to be four or five feet in circumference, yet the heads retain their crispness and are very solid. This is a very popular variety with gardeners, as well as in the family garden. It withstands the summer heat and remains a long while in the head.

Price: Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1 lb., \$1.50. Sold in sealed packages.

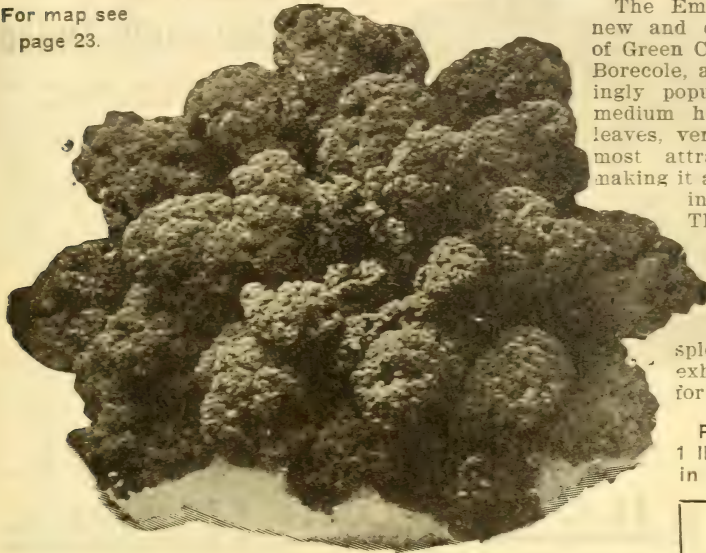


EMERALD ISLE KALE

Lilly's Select
Stock

(BORECOLE)

For map see
page 23.



The Emerald Isle Kale is a new and quite distinct variety of Green Curled Winter Kale, or Borecole, and is proving exceedingly popular. It grows to a medium height, and has large leaves, very closely curled in a most attractive manner, thus making it a favorite for "greens" in the fall and winter.

The color is the richest possible emerald green, which makes the Emerald Isle the most handsome kale in existence. It is a splendid plant, both for exhibition purposes and for practical use.

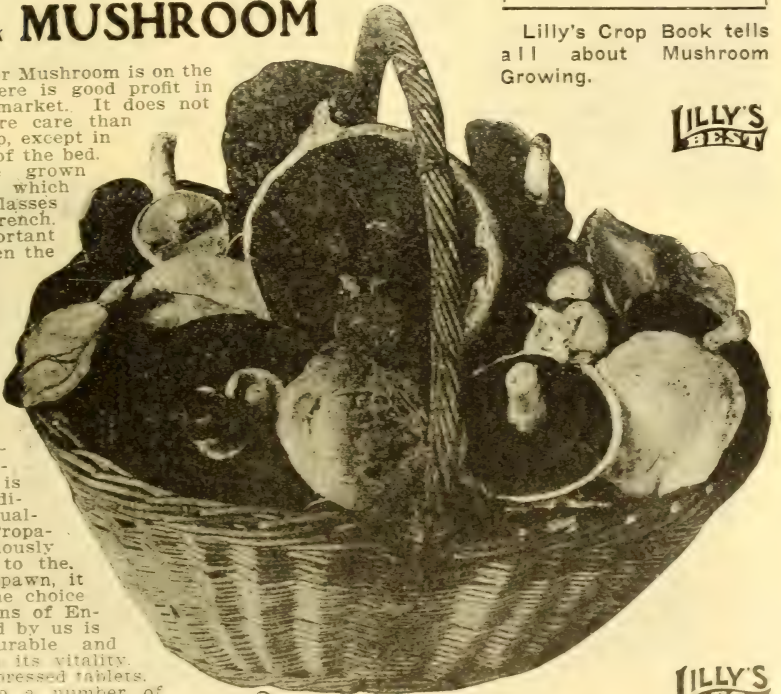
Pkt., 10c; 1/4 lb., 30c; 1 lb., \$1.00, prepaid; only in sealed packages.

*Ladies,
See Page 21*

Lilly's Select
English Milltrack

MUSHROOM

The demand for Mushroom is on the increase and there is good profit in growing it for market. It does not require any more care than the ordinary crop, except in the preparation of the bed. Mushrooms are grown from spawn, of which there are two classes—English and French. There is an important difference between the two. The French spawn require just the right kind of a bed to grow, while the English, after starting a little, will often remain in a comparatively dormant state for a long time without losing its vitality. There is also a great diversity in the quality of spawn. Propagated continuously without regard to the vitality of the spawn, it deteriorates. The choice fresh importations of English Spawn sold by us is the best procurable and known to retain its vitality. It comes in compressed tablets, to be split into a number of portions and planted.



Lilly's Crop Book tells
all about Mushroom
Growing.

**LILLY'S
BEST**

**LILLY'S
BEST**

Prices: English, Bricks of 1 1/4 lb. at 20c per lb. Add 10c lb. for postage.

FOR INDEX SEE LAST PAGE OF CATALOG



Western Wethersfield

A NEW Strain of the Wethersfield Onion



Particularly Adapted to the Pacific Coast.

We feel confident that our Western Weathersfield will become as popular on the Pacific Coast as the Red Weathersfield is in the Eastern States.

They are large, medium early. The outer skin is red and the flesh is purplish white, with rather a strong flavor.

Weathersfield are good keepers and shippers, and for those who wish a large red Onion we take pleasure in recommending our Western Strain, as being very hardy and yielding better

on poor or dry soils than any other variety.

Lilly's Select Stock sold in sealed packages only. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.60, postpaid.

ONION, LILLY'S LONG KEEPER

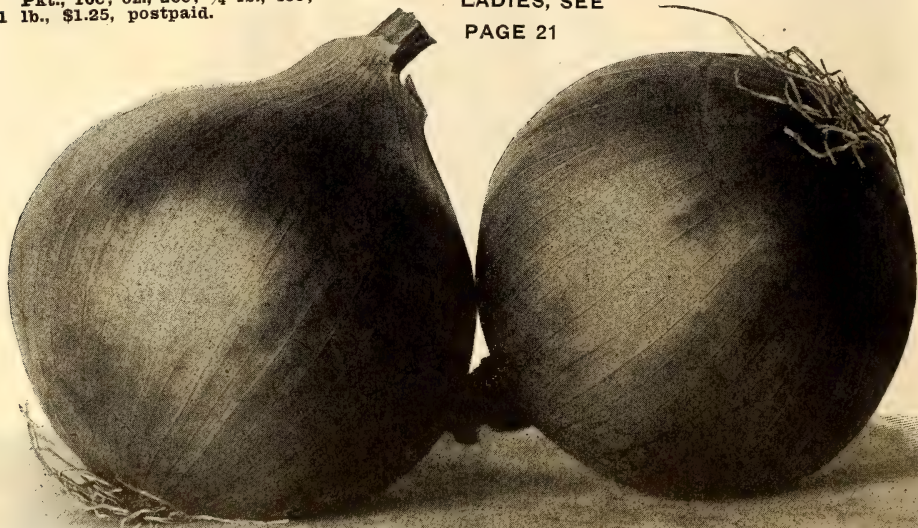
SOLD IN SEALED PACKAGES ONLY.

This is a distinct strain, similar to Michigan Yellow Globe. There is no better variety grown for shipping to distant markets, for it is very firm and its keeping qualities are unexcelled. In flavor it is mild and sweet. Its color is a rich golden yellow. The stock we offer is Northern Grown, carefully tested and will prove all our claims. You cannot afford to experiment with uncertain seed. **You want a crop**, and our Long Keeper will give you the best and biggest crop of Onions you ever raised. They grow uniform in size and ripen off all at the same time.

Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.25, postpaid.

LADIES, SEE

PAGE 21



Onion Seed is short crop this year. Beware of Cheap Seed.
FOR INDEX SEE LAST PAGE OF CATALOG

N I O N S E T S

THE accompanying photograph is of a bunch of young Onions grown from our hardy, handsome Northern Grown Onion Sets. These sets should be grown in every garden. They will produce the earliest green Onions, as well as ripening the bulbs very much earlier than if grown from seed.

Lb., 15c; 2 lbs., 25c. If sent by mail add 10c per lb. Prices on quantities sent on request.

Prize Taker Onion

LILLY'S SELECT STOCK.



FOR MAP SEE PAGE 33.



Genuine seed of this variety produces handsome, large Yellow Globe Onions. Our seed we have specially grown for us. Our American-grown seed produces bulbs enormous in size, and the yield per acre is larger than that of any other variety. While not so good a keeper as Lilly's Long Keeper, it is a valuable sort for immediate or early fall use. The skin is of a rich yellow straw color; flesh white, sweet, mild and tender.

Very attractive when crated, as generally sold. Early

Sold only in sealed packages. Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1 lb., \$1.40.

NEW WHITE QUEEN ONION

LILLY'S SELECT STOCK.

This is an extra early, very small, round, hard and handsome variety. The color is a beautiful waxy white, flavor mild and delicate. It is the Onion used in all famous pickle factories in our own country. A favorite for the home garden, as bulbs grown from seed sown will mature as early



as those raised from the ordinary Onion Sets.

For Cultural directions ask for Lilly's Crop Book, sent free with 25c orders. See also plants.

Sold only in sealed packages. Pkt., 10c; oz., 20c; 1/4 lb., 60c; 1 lb., \$2.00.



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NEW PARSNIP

PALO ALTO

**SMOOTH FINE GRAINED
SUPERIOR FLAVOR**

THIS new parsnip was secured from Portugal about two years ago and after a thorough trial we do not hesitate to pronounce it the best ever offered to our customers.

As it has been several years since anything has been developed in parsnips, we offer Lilly's select Palo Alto Parsnip with a feeling of pride and feel justified in so doing.

Roots are smooth and tapering as shown in cut and might be termed half long. In texture and flavor we have never seen anything that would equal it, as it will stand longer without getting tough and woody than any other variety.

Sold only in sealed packages— Oz. Pkt. 10c; ¼ lb., 15c.; 1 lb., 40 c., post paid.

GRADUS or PROSPERITY **PEA** LARGE EARLY SWEET TENDER

A deservedly popular pea given great prominence by many seedmen. Being hardy and of vigorous growth, it forms pods very early and matures rapidly, filling its long, almost straight pods with from 7 to 9 large, deliciously sweet and tender peas.

Much of the Gradus seed sold in the last year or two has deteriorated, but Lilly's Best, the stock we offer here, was grown from seed imported from the originators in England and has lost nothing, but gained the advantage of becoming acimated on Puget Sound.

Sold in packages, prepaid: 10c; ½ lb., 15c; 1 lb., 25c. By express or freight, charges paid by purchaser: 1 lb., 15c; 10 lbs., \$1.40; 100 lbs., \$12.00.

THE OLD FASHIONED GARDEN

We do not sell these seeds but retain them to send our lady customers as an appreciation of their trade. As noted elsewhere—with every lady's order for \$1.00 worth of seeds or over, we send free in addition to all other premiums, this large packet of seeds of over 20 different annual flowers.

This special free premium is for the ladies only.

FOR INDEX SEE LAST PAGE OF CATALOG



**LILLY'S
BEST**

For Map
See Page 33

The Grand New Pea

New Pea MT. RAINIER

PROPGATED IN Washington. The best Second Early Pea we have ever offered to our patrons. Mt. Rainier Pea is the result of years of careful selection and on account of its enormous productiveness is a most valuable variety for market gardeners, outclassing Stratagem, Yorkshire Hero and the other old varieties.

Being a dark rich green in color and always filling its pods well with heavy rich peas it commands the highest price.

The vines grow from two to three feet high and should be supported in some manner to give the best results.

Sold only in sealed packages.

Pkt., 10c.; $\frac{1}{2}$ lb., 20c.; 1 lb., 35c, prepaid. By Express or freight at purchaser's expense, 1 lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$15.00.

Another One for the Ladies!

Last year on this page, Mr. Lilly made a special free premium offer to every lady customer who sent us a \$1 order or over. So many ladies responded that we have decided to make a new offer and one we trust that will be as popular.

The Old Fashioned Garden.

A large packet containing over 20 different annual flowers—the very kinds your grandmother used to grow. Sent with every order of \$1 or over to the ladies only.

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**The
NEW
PEA**

**EARLY
DWARF
PRODUCTIVE**

WASHINGTON WONDER

This is truly a wonder—wonderfully early, wonderfully productive and hardy and above all, of wonderful quality, Sweet and Tender.

For those who wish an early dwarf pea we recommend our Washington Wonder with all confidence as it has proven all claims made for it. It always yields a big crop of well filled pods and the vines only grow about sixteen inches high, requiring no support if sown in double rows. They are sufficiently hardy to be sown in the fall, on well drained ground, insuring marketable peas thirty days earlier than spring sown peas.

Edible peas in 75 days from planting.

Sealed packages only.

Pkt., 10c.; $\frac{1}{2}$ lb., 20c.; 1 lb., 35c., prepaid.
By Freight or Express at Purchaser's expense.
1 lb., 25c.; 10 lbs., \$2.00; 100 lbs., \$15.00.

LILLY'S CROP BOOK

contains full cultural directions for the proper planting of seed of all varieties and the right amount to use per acre. It is the summary of our experience and experiment gained in the years past and might be termed "The Log Book" of our Brighton Experiment Station. In it you will find a calendar of 1906, memorandum pages and much valuable information.

It is free with each seed order of 25 cents or more but you must ask for it.

LILLY'S SELECT STOCK.

Thos. LAXTON

The Thos. Laxton is almost identical in growth with the now famous Gradus. It is from the same originator, and is claimed by experts to outrank the Gradus in every point of excellence which that pea possesses. The Thos. Laxton is of stronger constitution, more hardy, of darker, richer green, and, better than all else, it is a more generous bearer. The pods are large and handsome, and packed full with seven or eight large, wrinkled peas that are of most delicious flavor. To those who have grown Gradus we need only to say that Thos. Laxton is the same, only better; and those who have grown only the smooth, hard shell Extra Earlies should lose no time in trying the Thos. Laxton. Its delicious flavor and extreme earliness will be an agreeable surprise. Our original stock came direct from England, and during the time it has been grown under perfect conditions in the Puget Sound country it has lost none of its original worth, but, if anything, has been perfected and adapted to the North American climate. G. W. Herndon, of Ferndale, says that he has Thos. Laxton peas of our stock ready for the table 40 days from planting.

Sold in sealed packages. Per pkt., 10c.; 8 ozs., 20c.; 1 lb., 30c., postpaid.
By express, at purchaser's expense, lb., 20c.; 10 lbs., \$1.60; 100 lbs., \$14.00.

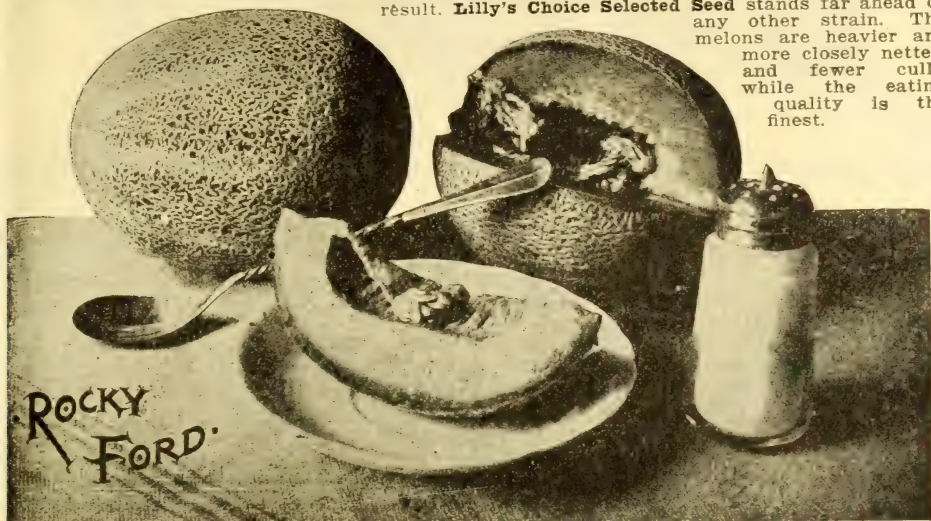


ROCKY FORD MUSKMELON

THE BEST MELON FOR MARKET OR TABLE.

THE great popularity of this melon is justified by its delicious flavor, its fine appearance and its great productiveness. In all the great city markets Rocky Ford Melons bring a fancy price, and while they are to be had no other melon can be sold. It is medium in size, with a rich, greenish gold skin and thickly netted. The flesh is very deep, ripening clear to the rind, and it has an exceedingly small seed cavity. This is the melon grown exclusively by the growers around Yakima and Toppenish and it finds ready markets in Montana, Oregon, Alaska, etc.

Lilly's Selected Stock is grown especially for us at Rock Ford, Colorado. The grower selects only perfectly netted melons of even size, 45 to the crate. Our grower has for years been in the business of growing Rocky Ford melons for seed, and has each year made the most careful selection of the best specimens. As a result, **Lilly's Choice Selected Seed** stands far ahead of any other strain. The melons are heavier and more closely netted, and fewer culls, while the eating quality is the finest.



ROCKY FORD

This seed is put up in sealed packages and we do not break packages. Price: Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.10. By express: Lb., \$1.00 10 lbs., \$8.50

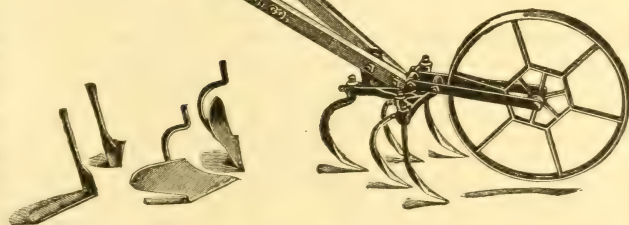
OUR GARDENERS' SPECIAL CULTIVATOR

Here's a good garden cultivator complete with hoes, plows and 5 chisel teeth, within the reach of everyone who has a family garden.

Don't spend your time using a hand hoe when you can do the work better in one-quarter the time and caring for the garden is then a pleasure instead of drudgery. We have 500 of these cultivators which we will sell as long as they last at the special price of \$3.50.

VERY SPECIAL

With an order for \$2.00 worth of seed selected from the first 32 pages of this catalog we will make you a very special price of \$3 on this cultivator. Please remember this price applies only under the above conditions.



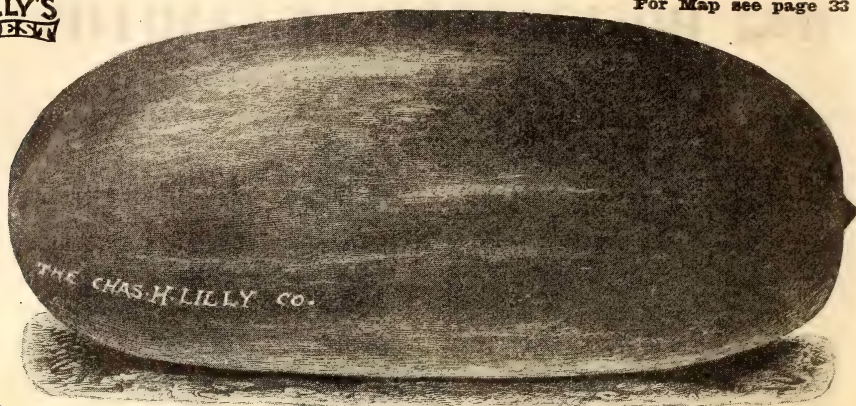
Bee Keepers

Send for our Catalog of Bee Supplies. The most complete on the Coast.

FOR INDEX SEE LAST PAGE OF CATALOG

**LILLY'S
BEST**

For Map see page 33



Sweet as Honey Watermelon

A Melon for the Home

SOLD only in sealed packets. Here is a melon for your home garden, one that you will enjoy eating. Now there is all the difference in watermelons. Some of them taste like so much sawdust mixed with a little ice water and some brown sugar, but the SWEET AS HONEY is one of those kinds with a bright crimson flesh, it ripens clear to the rind, it cracks like a piece of ice when ripe and has a flavor that will make you dream of Way Down in Dixie. There is real enjoyment to be had from a slice of this excellent melon. It is good,—good right down to the last mouthful.

It is not to be recommended for shipping. Like lots of others of the best fruits and vegetables, it does not stand shipping well, it is too tender, but for the home garden, for a melon to grow for your own table it cannot be equaled.

To those of our customers who live in the more northern states, we especially recommend this melon for its earliness. It will ripen in many sections on the Pacific Coast where it is popularly supposed that melons will not grow.

Sweet as Honey Watermelon is sold only in sealed packages. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 75c.; 1 lb., \$2.00. Postpaid.

King and Queen Watermelon

A Melon for the Shipper

THIS melon creates a sensation wherever grown. It is so hardy that it will produce well matured melons where all other varieties fail. The fruit is very uniform in size, round and smooth, and a most excellent shipper. The flesh of the melon is a clear pink, crisp and exceedingly fine grained, and of excellent flavor.

KING and QUEEN melon will ripen in about one hundred days. They remain in good condition a long time after ripening, and for this reason they are valuable for market purposes. While not as fine in flavor as our SWEET AS HONEY, yet they equal any of the melons now on the market, and they are such excellent shippers, and present such a nice appearance that they are unquestionably the best market melon for you to grow.

Sold only in sealed packages. Packet, 10c.; ounce, 25c.; $\frac{1}{4}$ lb., 75c.; 1 lb., \$2.00. Postpaid.

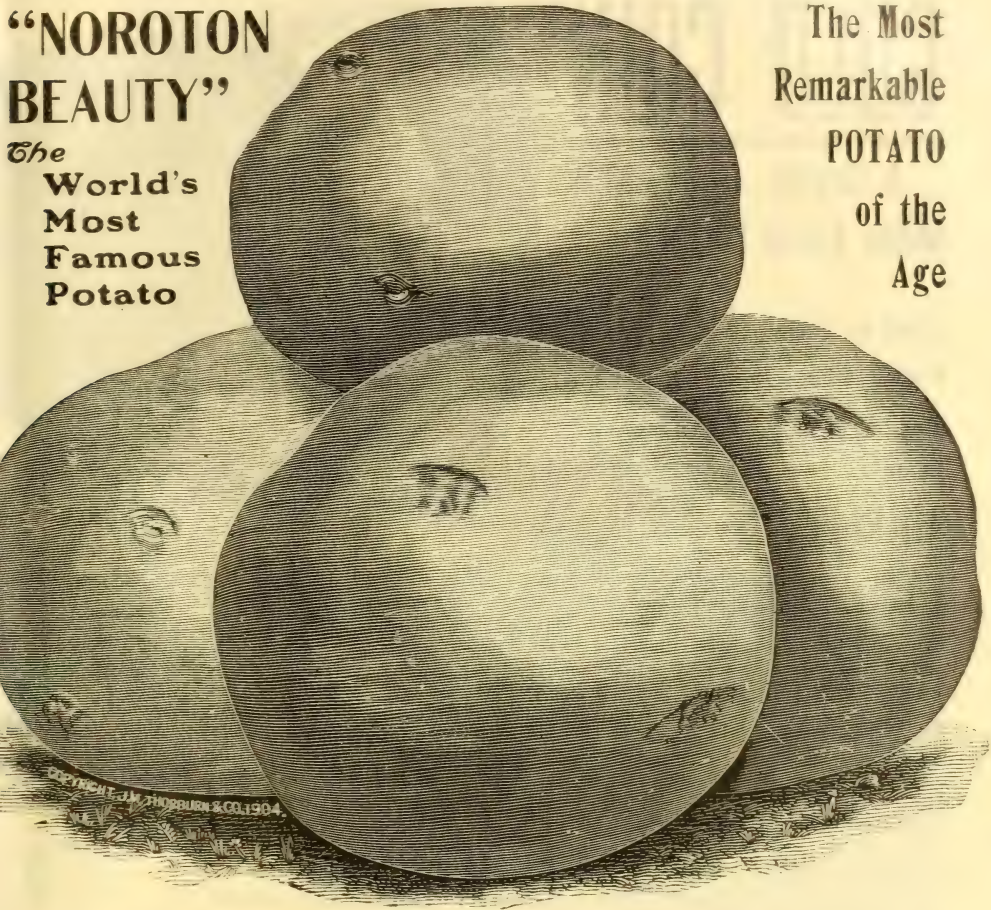
THE OLD FASHIONED GARDEN.

To every lady sending us an order for \$1.00 worth of seeds will be sent a large packet containing over twenty different annual flowers—the kind your grandmother used to grow. These can be sown broadcast and will give you a bed of flowers in constant bloom. This packet will be sent with every order of \$1.00 or over, to the ladies and it is in addition to all other premiums.

"NOROTON BEAUTY"

The
World's
Most
Famous
Potato

The Most
Remarkable
POTATO
of the
Age



It is the earliest potato ever grown. It is by far the most productive extra-early, yielding as heavily as any of the medium early sorts. It is handsomer in appearance and more uniform in size and shape than any other variety. Its table quality is superb, and it keeps longer than any other sort, early or late. It is the best all-round potato in existence.

Now we are going to make the broad and bold assertion that this is the most remarkable potato of the age. You will say that this is pretty strong and that it is contradictory; but it is not. We will tell you why we think this is the most remarkable extra early potato of the age, and it is remarkable in so many respects that it is entitled to this distinction. It is truly and honestly and surely the leader of all potatoes in the world. By this we mean, when it comes to yield, when it comes to plow out bushel after bushel, when it comes to quality, when it comes to beauty of appearance, when it comes to solid but delicious flesh, when it comes to excellent flavor and splendid keeping qualities, when it comes to fine-sized tubers and ready-selling properties, we must say that there is no potato that is its equal, and that no potato combines all of the above magnificent qualities in one whole except the Noroton Beauty.

We are going to make another broad assertion right here in the description of the Noroton Beauty Potato, and we shall deliberately say that it is the most prolific, heaviest yielding, greatest producing extra early potato known in the world today. We have tested, in the last few years, hundreds of different potatoes, and there has never been one that has shown such remarkable yielding qualities and excellent habits as this one, and we frankly state that it is, in our estimation, the greatest, the most wonderful, the most remarkable extra early potato of the age. Beautiful in the extreme, is nearly round, of handsome form, white skin, large size, lovely appearance, which aids to sell it in any market of the world at an advanced price over all other varieties.

Noroton Beauty was new in 1905 and is conceded by every one to be the most valuable extra early potato introduced. Our stock is strictly reliable and true to name and price is very low, considering the immense demand—the fact there is very little true stock to be had.

1 lb., 75c.; 2 lbs., \$1.30, prepaid. Peck, 15 lbs., \$5.00; half bushel, 30 lbs., \$9.00; bushel, 60 lbs., \$12.00, not prepaid.

FOR INDEX SEE LAST PAGE OF CATALOG

GOLD COIN

**A Great, Good, New
Main Crop Potato**

**Tried on the
Pacific Coast
and Found
to be
All Right**



IN form the tubers are slightly oblong, rather broad and quite thick through. The eyes are small and there is but little waste in paring. The skin is thin, smooth, and glossy, of a light golden tint, having just sufficient coloring to distinguish it from the white-skinned varieties. The flesh is fine grained, of a pure pearly whiteness, and cooks to a dry floury whiteness. Unlike most of the main-crop or late sorts, which need to be well dried out before they will cook properly, these Vermont "Gold Coins," even when freshly dug, cook dry and mealy. Its vigorous growth and great productiveness make it the most profitable variety for the planter, and its great solidity, smooth regular form, and unequaled table quality will make it the most popular and quickest selling on market. Undoubtedly the best main crop potato on the market today. It will pay you to get enough of these for your garden. You might just as well grow a potato that you will enjoy eating as the other kind.

Price: lb., 30c. postpaid. By express or mail not prepaid; per peck (15 lbs.), \$1.00; bushel (60 lbs.), \$3.00.

One lb. Noroton Beauty Potato, worth 75c, free as a premium with a bushel of Gold Coin.

SENSATIONAL.

Early, slightly mottled, fine quality, heavy producer.

EARLY ROSE IMPROVED.

Will keep until June without getting soft.

UP TO DATE.

Late, good for high, dry land; white, smooth skin; medium sized, good keeper.

WONDERFUL.

Originated in England; good yielder; white; an excellent potato for Alaska trade; medium size.

All of these at the uniform price of 65c per peck (15 lbs.); \$2.00 per bu (60 lbs.); \$4.00 per barrel (165 lbs.).

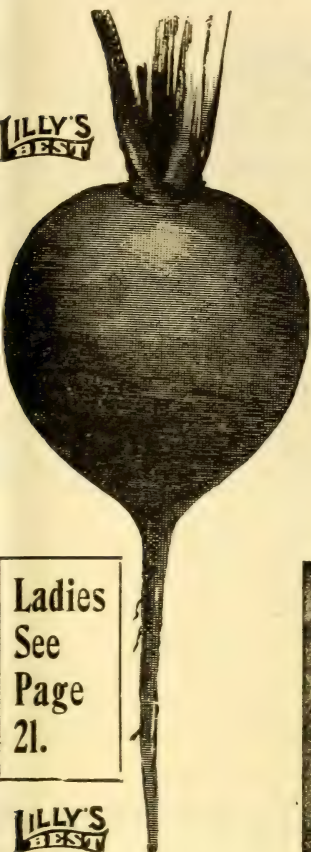
One lb. Noroton Beauty free as a premium with each order for a barrel.

Please give your second choice, should we be sold out of variety ordered.

MONEY IN BEE CULTURE

There is money in bee culture if you start right. Our Bee supply catalog tells you all about what to avoid as well as what to do to succeed. Write for it at once—it is free.

Giant Crimson Radish



Ladies
See
Page
21.

LILLY'S
BEST

THIS is the third year that we have offered CRIMSON GIANT RADISH. We made some pretty strong claims for this radish the first year we introduced it, and at this time have no reason to alter those claims in the least.

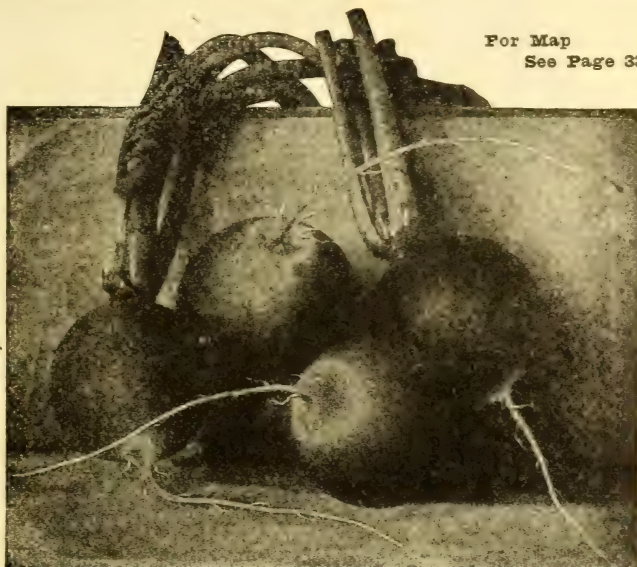
CRIMSON GIANT certainly has proven itself radically different and a great improvement over all the early radishes previously on the market. It is as early as any, and has the great advantage of retaining its firmness and crispness for a long period after maturity. It grows to double the size of any of the other turnip rooted radishes, and unlike other varieties, the larger it gets the better it seems to be. It varies somewhat in size, shape and color, but it is always deliciously crisp and tender.

For the past two years we have grown this variety in our trial grounds at Brighton, and every one eating has expressed their delight; indeed many people have said that they never before cared for radishes, but they certainly did like the Crimson Giant.

No garden is complete without this most appetizing of all vegetables, and we would strongly recommend our customers to sow the Crimson Giant several times, at intervals of about 3 weeks, so as to have a continual supply during the spring and early summer.

True Crimson Giant is sold only in sealed packages. Packet, 10c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.00.

For Map
See Page 33



NEW RADISH

Lilly's Earliest of All

A SPLENDID strain, all very early, small, round bright red radish, with a white tip. They are mild in flavor, have beautiful white flesh, and small tip, and are excellently adapted for growing in cold frame. If sown in a bed that is prepared by first making a layer about six inches to a foot deep of fresh stable manure, then scattering over this about an inch of garden soil, EARLIEST OF ALL will mature radishes ready for use in 18 to 20 days after sowing the seed. If grown in this manner and gathered before reaching their full size, they will have a crisp, tender flesh, and will prove a very acceptable delicacy for the table.

Price per ounce packet, 10c; $\frac{1}{4}$ lb., 30c; 1 lb., 85c. Postpaid.

FOR INDEX SEE LAST PAGE OF CATALOG

In ordering from this catalog, you will find that the small things termed difficulties, are put aside. Our firm pays for the money order on all remittances or furnishes coin cards in which you can enclose amounts up to \$1 at our risk.

You can feel confident of receiving the same treatment as though you were here in person. It is our aim to fill all orders promptly, but when the busy season starts shortly after the beginning of January, each mail delivery is so large that it requires us to work late into the night. However, we fill all orders promptly, and each receives our best attention. Order early and satisfaction is yours.

DELICATA SQUASH

For
SUMMER
or
WINTER

GREEN or RIPE

Again this year we take great pleasure in offering and heartily recommending Delicata Squash. This squash has proven to be even better than we first supposed. If it had only its flavor to endear it to the hearts of the people, this alone would be enough to cause it to be planted in every garden where it is known, but it has some other very great advantages.

This year we were surprised to note that while the summer squash and Hubbard were infested with lice to such a degree as to make them almost worthless, DELICATA, growing along side of the others was untouched. Why this is we, of course, do not know, but that this is a fact is enough to make it very popular with gardeners. Many places on the west coast lice is such a pest of the squash that a fair crop cannot be produced.

Prof. Spillman, of the Department of Agriculture, Washington, D. C., during a visit to our trial grounds this summer, remarked the great productiveness and healthy, vigorous look of the DELICATA SQUASH. When he sat down to dinner and ate some of this squash he was more pleased than ever. He is a man who travels widely and observes closely, and he said that the DELICATA SQUASH was one of the best vegetables that he had even seen or eaten. This squash has all the flavor and sweetness of the Hubbard, yet it may be picked and eaten green, and when ripened up, it will keep as long as any of the winter squash, and is of delicious flavor, very fine grained, and except for baking, is undoubtedly the best squash on the market today. If you have not already tried this new vegetable do not permit another year to pass by without doing so.

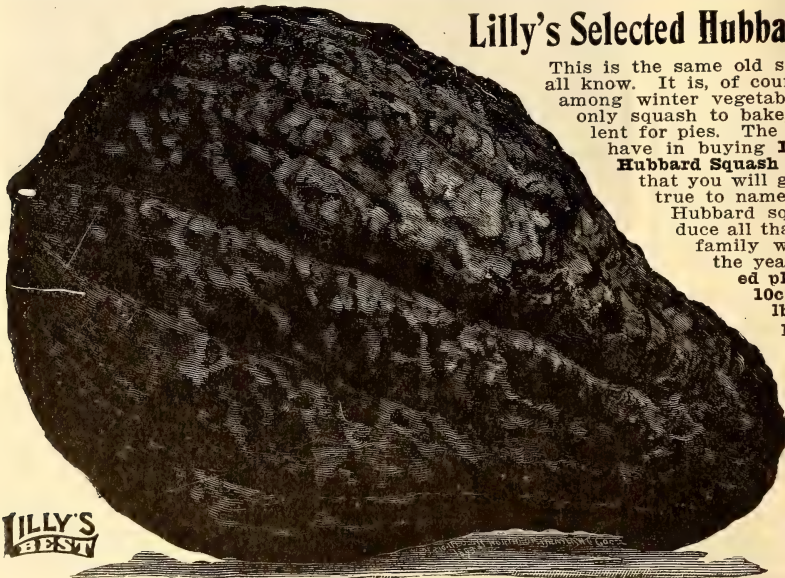
We sell it only in sealed packages. Packet, 10c; $\frac{1}{4}$ lb., 30c; 1 lb., \$1.00.



Delicata Squash

Lilly's Selected Hubbard Squash

This is the same old squash that we all know. It is, of course, a king pin among winter vegetables. It is the only squash to bake, and is excellent for pies. The advantage you have in buying Lilly's Selected Hubbard Squash lies in the fact that you will get seed that is true to name. A packet of Hubbard squash will produce all that any ordinary family will use during the year. Sold in sealed pkgs: Large pkt, 10c; 4 oz., 30c; 1 lb., \$1.00., post-paid.



LILLY'S
BEST

Bee
Keepers

Send for
Complete
Catalog
of Bee
Supplies

FOR INDEX SEE LAST PAGE OF CATALOG

A NEW TOMATO

THE

Puget Sound Special

EARLY, DWARF, FEW
LEAVES, LOTS OF
FRUIT, LUSCIOUS



**JILLY'S
BEST**

ON a row of 15 plants, growing in our Brighton Trial Grounds we picked three ripe tomatoes July 4th, 1905. Not only were they so exceedingly early but they were a bright red, round, smooth and solid. They presented a beautiful appearance and when served on the table—proved to be as good eating as they were looking. These plants received no care but what any person could give on the ordinary farm or back yard. The seed was planted in a hot bed and when ready to transplant each was put into a small flower pot, (a berry box will do equally well). A piece of light soil was selected and the plants pruned by cutting off all except the main stalk.

Puget Sound Special Tomato grows with an exceedingly sturdy stem, keeping the fruits well up off the ground and having very few and small leaves, allowing the sunlight to penetrate freely thus giving ripe fruit very early, but we would advise driving a stake by each plant, keeping the plant tied to it and all the lower branches trimmed off.

After another year's trial we unhesitatingly pronounce Puget Sound Special the best early Tomato for outdoor growing, not only for Puget Sound but also for the Willamette Valley, California and East of the Cascade Mountains. From among a number of the best new sorts grown at our trial grounds, it was earliest, smoothest, most uniform in size, as good color as any, and the best size for market. It does not crack and is very solid.

Price per Packet, 10c.; oz., 60c; ¼ lb., \$2.00; ½ lb., \$3.50; 1 lb., \$6.00.

Spark's Earliana

ONE of the best new sorts, bright red in color, early, probably the best sort for greenhouse use and a good variety for California and Eastern Washington. In general appearance both vine and fruit are much like Atlantic Prize, but while a great tomato, it is not to be compared for general use with Puget Sound Special.

Price: Pkt., 10 c.; oz., 50c.; ¼ lb., \$1.50; ½ lb., \$2.75; 1 lb., \$5.00.

Ponderosa Tomato

IS in every way splendid. It excels in magnificent size, often attaining a circumference of 18 inches, often weighing 2, 3 and 4 pounds each, perfect in form, free from wrinkles and fissures, as smooth as glass and as solid and meaty as beefsteak, free from watery cavities and almost seedless; it ripens thoroughly from center to skin, its growing crimson color permeating the flesh to the heart; it is free from rot, but, above all, the delicious quality and flavor are its crowning merits—teethsome and rich when sliced, savory and delicious when canned, very little boiling required for it to thicken. The plants are luxuriant, healthy growers, independent of droughts, free from blight, and are prodigious, early and continuous bearers. Not recommended for western Washington and Oregon.

Sold in sealed packages. Price: Pkt., 10c.; oz., 40c.; ¼ lb., \$1.00; 1 lb., \$3.50.

FOR INDEX SEE LAST PAGE OF CATALOG

For Map See Page 33

LILLY'S SELECT EARLY SNOWBALL TURNIP

THIS delicious turnip stands in a class by itself. Offered as a novelty a couple of years ago it has proved all claims made for it and is becoming the most popular early table turnip in the market.

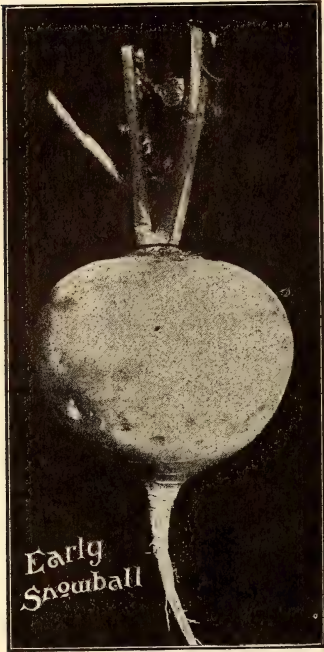
In form it is perfectly globular. The flesh is fine, grained, sweet and most tender, the smooth white skin being thin and delicate.

In every way superior to the Milan Turnip which has been so popular for years.

Snowball matures in about six weeks from sowing.

Sold only in sealed packages.

Pkt. 10c.; 4 oz., 20c.; 1 lb., 60c., post paid.



ETXRA EARLY

WHITE MILAN TURNIP

LILLY'S SELECT STOCK

The earliest of all Early Turnips: it also has the advantage of remaining in good condition for a long period. It is fine grained, of good flavor and ivory white in color. This makes it very attractive. This and the Purple

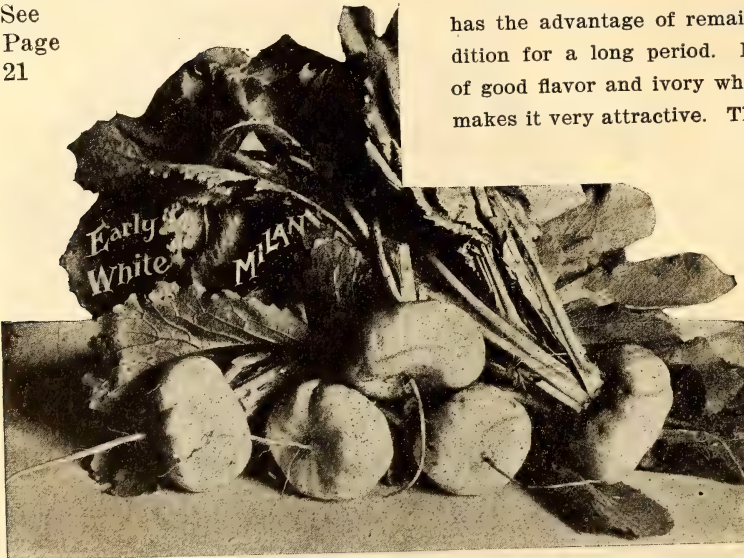
Top Milan are undoubtedly the best for market gardeners.

Sold only in sealed packages.

Price: Large Pkt., 10c; ¼ lb., 25c; lb., 75c.

Free copy of our New Crop Book on request with 25 cents worth of Seeds.

Ladies,
See
Page
21

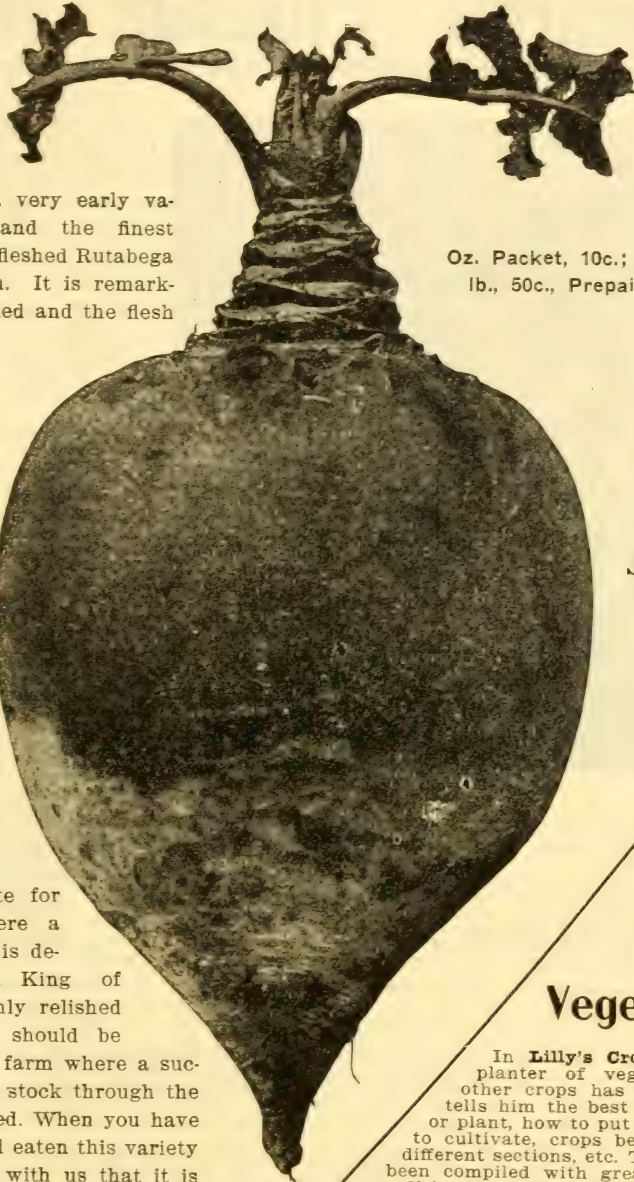


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Lilly's King of Swedes Turnip

**SELECT STOCK
A HEAVY CROPPER**

SOLD ONLY IN SEALED PACKAGES



Oz. Packet, 10c.; ¼ lb., 25c.; 1 lb., 50c., Prepaid.

Easy to grow a whole crop if your Seeds are



How to Grow Vegetables

In **Lilly's Crop Book** the planter of vegetables and other crops has a book that tells him the best time to sow or plant, how to put in crop, how to cultivate, crops best suited to different sections, etc. The book has been compiled with great care, and conditions and requirements in the Pacific Northwest have formed the basis on which it treats of the subject. It is well worth a dollar to any one who grows vegetables, but we send it free, when requested, with each order for seeds worth 25 cents or more. To get it you must ask for it.

THIS is a very early variety, and the finest yellow fleshed Rutabega for the garden. It is remarkably fine grained and the flesh is sweet, making it a favorite everywhere. It attains a large size and is very hardy. It is a large cropper and keeps remarkably well, which makes it especially desirable as a turnip for storage. In addition to its being a general favorite for the table where a good rutabaga is desired, Lilly's King of Swedes is highly relished by stock and should be sown on every farm where a succulent feed for stock through the winter is desired. When you have once grown and eaten this variety you will agree with us that it is the finest of its class extant. The seeds sold by us are carefully grown and selected, thus assuring reliable seeds and consequently a good crop.

Burbank's New Rhubarb

Everbearing Crimson Winter



WE PAY FOR THE MONEY ORDER OR EXPRESS ORDER.

In remitting for any goods ordered from this catalog you may deduct the amount you pay for money order or express order.

BE SURE AND ORDER EARLY—By delaying till the rush is on, you may not get as good service, though we will do the best we can by you.

Mr. Burbank says: "The great value of rhubarb as a vegetable has always been its earliness, and a vast amount of time and labor have been spent in efforts to originate a variety which would produce stalks even a day or two in advance of other varieties. The new "Crimson Winter" Rhubarb will produce marketable stock abundantly full six months earlier than any other rhubarb. The stalks are of medium size, well grown ones averaging 12 to 18 inches in length and about 1 to 1¼ inches in diameter. They are a brilliant crimson color and when cooked a light crimson, and are the very best quality. "Crimson Winter" Rhubarb starts to grow vigorously by October, and continues to produce stalks continually until after the common varieties make their appearance six months later. If kept moist it will produce stalks abundantly at any season. It is, in fact, absolutely perpetual. For forcing under the glass in the cold north, for a constant supply for home use, and for growing in California and the Southern States, for shipping North and East, it promises to become more profitable than anything else which soil produces. "Crimson Winter" is all that could be desired, as the bulk of the crop comes in at a season when fresh fruit and vegetables are hardly obtainable."

After thoroughly testing its merits in our experiment station we find that the Everbearing Crimson Winter Rhubarb, in Oregon and Washington, is all that Mr. Burbank claims for it in California.

Every grower of vegetables or small fruits should grow this rhubarb. All who grow vegetables for winter forcing should try this wonderful and productive plant.

Strong young plants set out in March, April, May or June, come into bearing by the first of December, and during the season pay the cost of plants and a good profit besides. The second season the crop is enormous. Large one year old plants frequently begin bearing stems two months after planting.

"Crimson Winter" is a rapid and perpetual grower, forming new crowns continually; as fast as stalks are pulled, new ones come on. It is easily grown and requires water only a few times during the season, as the roots go down 15 to 18 inches.

All seed stalks should be kept cut down, as they sap the strength of the plant, thereby reducing the size of the canes.

We were unable to supply all the demands for "Crimson Winter" Rhubarb last season and so we are prepared for a much larger demand. Yet we advise those wishing roots to send in their orders early.

Prices: Small Roots, 25c each; \$2.50 doz., prepaid. By express or freight, \$2.00 doz. Large Roots, 50c each; \$5.00 doz., prepaid. By express or freight, \$4.00 doz.

Vegetable Plants

We have in season a large stock of the leading varieties of vegetable plants, all grown in the finest vegetable mold. In this is started the best roots and all mail orders are filled right at our own nurseries from the kind of plants that it would be a pleasure for us to sell you if you were here in person to make the selection.

There can be nothing more exasperating than to order from a firm, plants, which, when delivered, turn out to be culls or worthless weeds.

When seeds and plants are ordered together, the seeds will be sent immediately but as plants have to be sent from nursery, it takes a couple of days to get them off, especially during the busy season.

Asparagus cRots—Ready for shipment September 15th to June 1st. 1 doz. postpaid. 30 cts. By express or freight: 100, \$1.00; 1,000, \$6.00. You pay the charges.

Horse Radish Roots—Per doz. postpaid, 40 cts.; per 100, \$1.50; delivery charges to be paid by the purchaser.

Jerusalem Artichokes—The Jerusalem Artichokes are grown exclusively for their tubers which resemble potatoes. It is a most valuable crop for hog feed and is a good thing to have growing in the poultry yard, as it will furnish abundant shade during the hot weather. One thousand bushels per acre is a frequent yield. One pound by mail, postpaid. 15 cts; 100 pounds, \$2.50, you to pay the delivery charges.

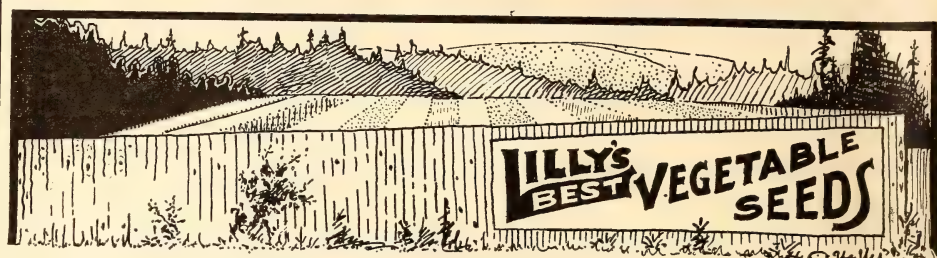
Rhubarb—Crimson Winter Rhubarb, the new variety introduced by Luther Burbank. It will bear all winter from Oct. to April and is a valuable forcing variety. See next page. Victoria Rhubarb. Each, 8 cts.; per doz., \$1.00; per 100, \$5.00.

VARIETY.	SEASON.	By Mail Postpaid.		By Express Charges paid by purchaser.		
		Doz.	100	Doz.	100	1,000
CABBAGE —Early Jersey Wakefield, All Seasons, Danish Ballhead, Late Flat Dutch, Late Drumhead.	March 1 to July 1	.15	.75	.10	.50	3.50
CAULIFLOWER —Early Elba, Snowball, or Ea. Paris.	March 15 to June 15	.20	1.25	.15	1.00	6.00
CELERY —Golden Self Blanching, Giant Pascal, White Plume, or Dwarf Golden Heart.	May 1 to Aug. 1	.20	.75	.10	.60	4.00
TOMATO —Earliana, Early Ruby, Dwarf Champion, Atlantic Prize, or Puget Sound Special.	March 15 to July 15	.25	1.25	.20	1.60	4.00
BROCCOLI	May 1 to June 15	.20	1.00	.15	.75	4.00
BRUSSELS SPROUTS	May 1 to June 15	.20	1.00	.15	.75	4.50
EGG PLANT	May 1 to July 1	.35	1.50	.25	1.25	6.00
PEPPER	May 1 to Aug. 1	.25	1.20	.20	1.00	5.00
SWEET POTATO	May 1 to July 1	.30	1.00	.25	.85	5.00
PARSLEY	April 15 to July 15	.40	1.75	.30	1.25	6.00

If larger quantities than we list are wanted, write for special prices.

A MAP OF YOUR STATE.

On every order for \$1.00 worth of Seeds selected from the first 30 pages of this catalog, we will send you free when asked for, a fine map in colors of Oregon, Washington, or California. This map shows all cities, towns, counties and railroads. This is additional to other premiums offered, but please ask for it if you want it and say which state you want map of.



	PRICES			
	Delivered Free in U. S. (Except Otherwise Noted)			
	Pkt.	Oz	¼ lb.	Lb.
ARTICHOKEs:				
Large French Green Globe. The flower heads are cooked like Asparagus.	\$.05	\$.40	\$1.25	\$4.00
ASPARAGUS SEEDS —(1 oz. to 60 ft. of drill. Cultural instructions free if asked for when order amounts to 25c or over.)				
Columbia Mam. White. Far surpasses all others. The delicacy of its color notably distinguishes it from other varieties, while its thick stalks are unusually tender and succulent, and of delicious flavor.	.05	.10	.25	.75
Colossal. A standard variety; large, productive and of fine quality	.05	.10	.20	.60
Palmetto. Early, prolific and of uniformly large size	.05	.10	.20	.65
PREMIUM.				
In ordering seeds by the packet or ounce \$1.25 worth may be ordered for each dollar sent. This does not apply where other premiums are selected or on seeds by the pound.				
	Price on Pkts include postage	Prices on Beans in pound lots do not include postage or freight.		
	Pkt.	Lb.	5 lb.	10 lb.
BEANS —(1 quart to 100 feet of drill; 1 bushel per acre in drills.) (Our prices on Beans in packets include postage; add 10c. per lb. on 1 pound or over if wanted by mail.)				
Dwarf or Bush Green Podded Varieties:				
Earliest Red Valentine. Very early, practically stringless, full round meaty pods	.10	.15	.75	1.25
Early Mohawk. Very early and largely grown south for northern markets; will stand more cold than most sorts; 5 to 6 inch pods	.10	.15	.75	1.25
Horticultural Dwarf. A bush variety of the popular Climbing Horticultural; a fine shell bean	.10	.20	.75	1.25
Long Yellow Six Weeks. Early, productive, and of excellent quality; pods often 8 inches long; a popular variety	.10	.15	.75	1.25
Refugee, or 1000 to 1. A popular medium to late variety; very productive and extensively grown for pickling; handsome pods and tender	.10	.15	.60	1.00
Refugee Extra Early. Similar to above, but nearly 2 weeks earlier	.10	.15	.75	1.25
Burpee's Stringless Green Pod. The earliest and most hardy, absolutely stringless. The pods are a rich green, very round and straight, five inches long, solidly meaty and broad	.10	.20	.85	1.50
Dwarf Wax Podded or "Butter" Varieties:				
Black Wax Improved. The earliest of the wax beans, with pods of medium length and generally curved. They are of fine quality, stringless and tender	.10	.20	.85	1.50
Golden Wax. A standard wax variety, earlier than the old wax kinds. The pods are stringless, very tender and excellent. The bean is of medium size, purple and white marbled, and one of the best quality	.10	.20	.85	1.50
Valentine Wax. An extra early Valentine with round wax pods, possessing the excellent features of the green-podded sort. It is very early	.10	.20	.85	1.50
Davis Wax. An immensely productive bean, both green and as a dry bean for cooking	.10	.20	.85	1.50
Wardwell's Kidney Wax. One of the best large podded wax beans; very robust and hardy, producing a heavy crop of showy, large, long, flat pods; not liable to rust or blister	.10	.20	.90	1.50
Climbing or Pole Varieties:				
Lazy Wife. The most popular pole bean grown. Pods are wonderfully broad, thick, and, above all, entirely stringless	.10	.20	.90	1.50
Horticultural or Speckled Cranberry. An old and popular variety, useful either as a green-podded snap bean or when shelled in the dry state	.10	.20	.90	1.60
Kentucky Wonder. An old time and grand favorite, second only to Lazy Wife as a pole bean for the small garden	.10	.20	.90	1.50
Indian Chief or Tall Black Wax. Our improved stock of this popular bean is sure to give good satisfaction to all growers	.10	.20	.90	1.50
Dutch Case Knife. A good bean, but not a very vigorous grower	.10	.20	.90	1.50
Scarlet Runner. For ornamental and culinary purposes; about 10 ft. high; large scarlet flowers, followed by large green podded beans	.10	.20	.90	1.50
Lima Varieties:				
King of the Garden or Large White Lima. An old favorite, producing a large quantity of delicious beans. Not quite so hardy and consequently not so well adapted to the Northwest as Sieva	.10	.25	1.10	1.75
Small Sieva or Henderson's. A small seedling lima that is very early and more hardy than any other variety	.10	.20	.90	1.50
Burpee's Bush Lima. The bush grows from eighteen to twenty-four inches high, branching freely, bearing from 50 to 200 large pods, well filled with delicious buttery beans fully as large as the old style pole Lima	.10	.25	1.00	1.75
Dreer's Bush Lima. A bush variety of the Dreer lima; beans are thick, sweet and succulent, growing close together in the pod; makes a vigorous growth, about 18 inches high, with abundant foliage	.10	.20	.90	1.60

Complete List of Vegetable Seeds

PRICES

Delivered Free in U. S.
(Except Otherwise Noted)

Lilly's Crop Book tells you all about how and what to grow. It is free with all orders of 25 cents or over if you ask for it.


Pkt. Oz. 1/4 lb. Lb.

	Pkt.	Oz.	1/4 lb.	Lb.
BEETS —(1 oz. to 50 feet of drill; 5 lbs. per acre.) Market gardeners should write for prices on large quantities.				
Table Varieties:				
Crosby's Egyptian. Very early and of excellent quality; small tops.....	.05	.10	.20	.60
Early Blood Turnip. A standard variety, following Eclipse in earliness; quality excellent; color deep blood red; the tops make excellent "greens".....	.05	.10	.20	.55
Eclipse. Extremely early; of uniform globular form; glossy red; flesh fine grained and unusually tender and sweet.....	.05	.10	.20	.60
Early Egyptian. A standard extra early sort, being 10 to 12 days earlier than the old blood turnip. The roots are round and flattened, of good size and deep crimson in color; tops unusually small.....	.05	.10	.20	.60
Half Long. A blood beet of superior quality; tender, sweet and free from woody fibre; for slicing it is unequalled; flesh of vivid rich red color; the bulbs, about three inches in diameter, are pear-shaped with slender tap root.....	.05	.10	.20	.60
Long Smooth Blood Red. An excellent late variety, being a great improvement on the common Long Blood and of intense dark red color.....	.05	.10	.20	.60
Swiss Chard. Grown exclusively for the foliage, which, cooked, makes most delicious "green," or the midrib may be served like asparagus.....	.05	.10	.20	.60
Sugar Varieties:				
French White Sugar. One of the best sugar beets; very productive and well liked by stock.....	.05		.15	.40
Vilmorin. Somewhat coarser than other varieties; mostly used for stock feeding.....	.05		.20	.45
Klein Wanzelaben. This is the variety mostly grown where used for sugar; it gives good returns on ordinary soil and is very rich in feeding qualities..	.05		.15	.40
Mangel Wurzels:				
Long Red Mangel. A large variety, producing enormous crop; grows much above ground; flesh white, shaded with red; grown mostly for stock feeding.....	.05		.15	.40
Yellow Globe. Similar in shape to Red Globe, yellow and white flesh; not a very desirable sort in deep soils.....	.05		.15	.40
Golden Tankard. A well-known and popular field beet; grows to a large size; flesh a bright yellow; nutritious and well liked by stock; grows well in shallow soils.....	.05		.15	.40

If you want 10 pounds of Sugar or Stock Beets we will send them at your expense for transportation for \$2.50, or we will send them, charges paid, to any railway express office for \$3.00.

	Pkt.	Oz.	1/4 lb.	Lb.
BROCCOLI —Produces heads like Cauliflower, to which it is inferior, but hardier.....	.05	.40	1.25	4.00
BRUSSELS SPROUTS:				
Dwarf Improved. A dwarf, compact growing sort that produces a number of heads of fine quality.....	.05	.20	.40	1.50
CABBAGE —(1 oz. for 1,500 plants.)				
Extra Early Varieties:				
Early Jersey Wakefield. The heads are of pyramidal shape, with blunt peaks, and are remarkably solid. The outside leaves are small, though of great substance, enabling the plants to stand severe weather.....	.05	.20	.60	2.00
Early Winnigstadt. A good cabbage; much the same shape as Wakefield, but not so early.....	.05	.20	.60	2.00
Early Drumhead. Dwarf, medium sized, hard head.....	.05	.20	.60	2.00
Early York. Very early, but small and soft headed.....	.05	.20	.60	2.00
Early Express. Compact plants, with round, thick leaves and an oval head; stands shipment well.....	.05	.20	.60	2.00
Second Early or Summer Varieties:				
Early Spring. The earliest flat heading variety. It is fully one week earlier than any other flat cabbage.....	.05	.20	.60	2.00
Henderson's Early Summer. A very popular midseason cabbage coming in about ten days later than Jersey Wakefield.....	.05	.20	.60	2.00
All Seasons. An excellent variety, sure heading and long keeping. As its name indicates, it can be planted early or late. It is a standard variety for the market gardeners.....	.05	.20	.60	2.00
Fottler's Brunswick. Heads large, flat and solid; a sure header, long-standing; short stem.....	.05	.20	.60	2.00
Ey. Flat Dutch. Popular wherever grown. A good second early of excellent quality.....	.05	.20	.60	2.00
Surehead. A compact, general crop cabbage, having medium sized to large, thick heads and many outer leaves.....	.05	.20	.60	2.00
Winter Varieties:				
Danish Ball Head. Valuable for its hard heading qualities, making it the best winter keeper and shipper of any variety.....	.05	.20	.75	2.50
Premium Late Flat Dutch. One of the best and most popular varieties.....	.05	.20	.60	2.00
Red Dutch. Small, hard heads; for pickling.....	.05	.20	.75	2.50
Drumhead Savoy. The largest heading Savoy. Very popular for private use..	.05	.20	.75	2.50
CARROTS —(1 oz. for about 125 feet of drill; 3 lbs. for an acre.)				
Early French Forcing. The earliest and largely grown for forcing; small, almost globular roots, orange-red in color.....	.05	.10	.35	1.00
Short Horn or Early Scarlet Horn. A very popular standard early variety..	.05	.10	.35	1.00
Chantenay or Model. One of the finest in quality for table use.....	.05	.10	.25	.75
Oxheart or Guerande. Very distinct and desirable carrot, smooth and handsome, very thick and blunt-rooted, about 6 inches long, a rapid grower and of fine quality; color orange red.....	.05	.10	.25	.75
True Danvers Half Long. A great favorite; rich dark orange.....	.05	.10	.25	.75
Improved Long Orange. A very fine strain; good keeper.....	.05	.10	.25	.75
Improved Short White. The best and most productive.....	.05	.10	.20	.50
Large White Belgian. Large, white, very productive.....	.05	.10	.20	.50

Complete Vegetable Seeds

	PRICES			
	Delivered Free in U. S. (Except Otherwise Noted)			
	Pkt.	Oz.	¼ lb.	Lb.
CAULIFLOWER —(1 oz. for 100 plants.)				
Henderson's Snowball. A sure header and an excellent strain .....	.15	2.00	5.50	.....
Snowball. Ordinary strain .....	.05	1.50	4.00	.....
Early Dwarf Erfurt. Plants dwarf and compact. Good sized heads .....	.05	.75	3.00	.....
Large Late Algiers. A strong growing variety for fall use, producing fine heads .....	.05	1.00	3.50	.....
Extra Early Paris. Heads uniform, but quality and size inferior .....	.05	.75	2.00	.....
CELERY —(1 oz. for 3,000 plants; 1 lb. for plants for 1 acre.)				
White Plume. The very best early sort for market gardeners .....	.05	.25	.60	1.75
Golden Self-Blanching. A valuable early variety, of compact, stocky habit, thick, solid and brittle. The large heart, thick stalks and inner leaves are of a beautiful golden-yellow; flavor rich .....	.05	.40	1.25	4.00
Giant Pascal. This is one of the popular varieties for winter use. It is an easily blanching plant, and, outside of the Red Celeries, it is probably the best keeper when properly stored .....	.05	.20	.60	1.75
Giant White Solid. This is the very best of the large late sorts .....	.05	.20	.60	1.75
Boston Market. Solid half round green stalks, blanching white, crisp and tender, dwarf and robust .....	.05	.20	.60	1.75
CELERIAC, OR TURNIP-ROOTED CELERY:				
Large Prague. Round, clear skinned turnip-like roots that keep well for winter use; used for flavoring soup or as a salad .....	.05	.25	.75	2.00
CHEERIL —To be used like parsley .....	.05	.15	.30	1.00
CHICORY —Used as a substitute for and to flavor coffee .....	.05	.15	.40	1.75
COLLARDS:				
True Georgia. Used in the south as greens; not adapted to the Northwest ..	.05	.15	.30	1.00
CORN SALAD:				
Large Headed "Fatticus" or Lamb's Lettuce. Hardy little plants grown for late fall, winter and spring use as a substitute for lettuce; they form rosettes of tender, edible leaves .....	.05	.10	.20	.60
For LILLY'S Selected strains that we recommend.				
 See first 32 pages.				
	Pkts. are prepaid	For Free Delivery in U. S. add 10c per lb. Lb. prices here do not include postage.		
CORN, SWEET OR SUGAR —(1 qt. for 200 hills; 8 to 10 qts. in hills for an acre.)	Pkt.	Lb.	10 lb.	25 lb.
Only packets are sent prepaid; if purchaser wants corn sent freight or express paid, add 10 cents per pound.				
First Early Varieties:				
✓ Cory Early Red Cob. The earliest and one of the best extra early varieties grown; quality sweet and tender; the plants are stocky, usually bearing 2 ears to a stalk .....	.10	.15	1.20	2.50
✓ White Cob Cory. Extremely early; usually fit to use from 50 to 60 days from sowing; ears about 6 inches long, with milky white kernels; sweet and tender and delicious; plants dwarf, bearing usually 2 ears to a stalk ..	.10	.15	1.20	2.50
✓ Early Minnesota. A standard variety of dwarf growth coming in between "Cory" and "Crosby;" ears of fair size and good quality .....	.10	.15	1.20	2.50
Medium Early Varieties:				
✓ Crosby's Early. A second early popular variety; ears about 7 inches long and of fine quality .....	.10	.15	1.20	2.50
✓ Perry's Hybrid. A popular second early, of stocky growth, 4 to 5 feet high, with usually 2 ears of good size set low on the stalk; ears well filled with large white kernels; sweet and tender .....	.10	.15	1.20	2.50
✓ Black Mexican. Medium early, bearing 8-inch ears well filled with large kernels which, paradoxically, though black when ripe, are white when "green," and then exceptionally sweet. ....	.10	.15	1.20	2.50
Late or Main Crop Varieties:				
✓ Country Gentleman. The finest of all the Corn for the private table; ears 8 to 9 inches long; cob small and irregularly crowded from end to end with white kernels of great depth; sweet and tender .....	.10	.15	1.20	2.50
✓ Mammoth White Cory. A very late variety, producing mammoth ears, often 14 inches long, well filled with large, broad, white kernels of superb quality; unusually productive .....	.10	.15	1.20	2.50
✓ Stowell's Evergreen. The standard late for both home and market and canning. A strong growing variety, bearing 2 very large ears to a stalk; kernels long, exceptionally tender and sugary, remaining long in the "milk." Our stock of this favorite is very superior .....	.10	.15	1.20	2.50
CORN, FIELD:				
Leaming Improved. A Yellow Dent Corn, early, prolific, ears 9 to 12 inches long .....	.10	.10	.55	1.00
Champion White Pearl. A large, late, white variety; popular as Fodder Corn ..	.10	.10	.55	1.00
Iowa Gold Mine. A magnificent variety, rich golden color. This corn has given the best results throughout Canada and the middle west, and we look forward to its being a great success on the Coast .....	.10	.10	.50	1.00
Early Canada. A flint variety especially adapted to the section west of the Cascades .....	.10	.10	.50	1.00
Pride of the North. An old standard dent sort. Successfully grown throughout eastern Washington and Oregon .....	.10	.10	.50	1.00
King Phillip. An early red corn, well acclimated and a general favorite ..	.10	.10	.50	1.00
Sanford White Flint. An early and productive variety, beautiful in appearance .....	.10	.10	.50	1.00
Kafir Corn. A most satisfactory crop where land is warm and frost does not come too early. Produces an immense amount of fodder .....	.10	.10	.50	1.00
CORN FODDER:				
Sweet Fodder. Especially adapted for use in the Silo .....	.10	.10	.90	1.25
Evergreen Fodder. A sweet fodder corn of high value .....	.10	.10	.90	1.25
CORN, POP:				
White Rice. The best corn for popping and for the general market; early, white, pointed kernels .....	.10	.10	.80	1.50
Golden Queen. A rich yellow in color and a heavy yielder .....	.10	.10	.80	1.50

Complete List of Vegetable Seeds

		PRICES		
		Delivered	Free in	U. S.
		(Except	Otherwise	Noted)
Pkt.	Oz.	¼ lb.	lb.	

CRESS:				
Curled or Pepper Grass. This is used largely for salads; planted at frequent intervals it furnishes a succession for a long while .....	.05	.10	.20	.50
True Water. Roots must be continually in water to do well; is a most delicate as salad .....	.05	.35	1.00	3.50
CUCUMBER —(1 oz. for 60 hills; 2 to 3 lbs. in hills for an acre.)				
—“Cool and Crisp.” Extra early, exceedingly prolific, and bears the whole season; fruits straight, long, cylindrical, tapering at both ends; color very dark green .....	.05	.10	.30	1.00
—Early White Spine Improved. A popular standard variety for either family use or marketing; vines vigorous and healthy, bearing early and abundantly large, handsome, even-shaped fruits of light green color; crisp and of fine flavor .....	.05	.10	.30	1.00
—Everbearing. Possesses the merit of flowering and fruiting on the same vine until frost, continuously; form perfect even when small; of rich, deep green color; desirable for pickling .....	.05	.15	.35	1.00
—Early Cluster. An early prolific, prickly, short green variety .....	.05	.15	.35	1.00
—Green Prolific. Short green, productive, pickling variety .....	.05	.15	.35	1.00
—Long Green. Dark green fruits, 12 to 14 inches long; quality firm, crisp and excellent. It is the best variety for big yellow pickles .....	.05	.15	.40	1.25
—Japanese Climbing. A distinct and valuable type, quickly climbing poles or trellis, taking up less room in the garden and keeping the fruits up from the ground and clean. It produces fine, large fruits; adapted for either slicing, salads or pickling, and thrive during dry, warm summers .....	.05	.15	.35	1.00
—Early Frame or Short Green. Fruit short, straight, small at each end, bright green, lighter at blossom end, and although small is an attractive variety and of excellent quality .....	.05	.15	.35	1.00
—West India Gherkin. Resembles the Short Green Gherkin; used exclusively for pickling .....	.05	.15	.35	1.00
—Boston Pickling. An exceedingly popular variety with those who grow for canners .....	.05	.15	.35	1.00
DANDELION:				
Large Leaved. An early variety, used as early greens and, when bleached, as salads; the leaves are broad .....	.10	.25	.75	2.00
EGG PLANT:				
Black Pekin. A strong growing variety, medium sized; almost round black fruits and very solid .....	.05	.25	.75	2.00
ENDIVE —(1 oz. for 100 feet of drill, or 2,000 plants.)				
Green Curled. A popular sort with finely cut parsley-like leaves .....	.05	.15	.40	1.50
GOURDS:				
Japanese Nest Egg. Resembling an egg in shape, put up only in pkts. ....	.10			
Dipper. Useful for many household purposes .....	.10			
HERB SEEDS:				
For Planting. We carry in stock the following varieties: Anise (aromatic seeds), Balm (for culinary purposes), Sweet Basil (broad leaved), Caraway, Catnip (cat mint), Coriander (aromatic), Dill, Fennel (sweet), Hyssop (medicinal qualities), Lavender, Sweet Marjoram, Rosemary (aromatic oil), Rue (medicinal qualities), Sage (for culinary purposes), Sorrel (large leaved, used in salads), Summer Savory (culinary), Thyme (broad leaved), all at same price .....	.05			
For Flavoring: Anise, Caraway and Coriander (specify the kind wanted) ..	.05	.10	.25	.45
KALE, OR BOBECOLE —(1 oz. for 150 feet of drill.)				
Dwarf Green Curled Scotch. Beautifully curled, bright green leaves .....	.05	.10	.30	.80
Tall Scotch. About 30 inches tall, dark green curled leaves .....	.05	.10	.50	.80
KOHL RABI:				
Early White Vienna. A bulbous formed vegetable; when cooked before fully grown is tender and excellent, combining the flavors of cabbage and turnips .....	.05	.20	.60	2.25
LEEK —(1 oz. will sow 100 feet of drill.)				
Large American Flag. This very superior variety produces white, uniformly large stems, 2 inches in diameter by 10 inches long; of delicate flavor....	.05	.15	.40	1.25
LETTUCE —(1 oz. for 3,000 plants.)				
Head Varieties:				
Big Boston. A grand large solid heading variety for frame and open culture, heading at all seasons; crisp and tender and sweet, well blanched leaves .....	.05	.20	.50	1.50
Boston Market or White Seeded Tennisball. A popular, small, compact variety for early outdoor culture and largely forced in hotbeds and green-houses; can be planted closely .....	.05	.15	.40	1.25
Hanson. A handsome large heading summer variety of fine quality .....	.05	.15	.40	1.25
Deacon. A large firm heading variety for early summer or late fall use; light green outside; creamy yellow inside; of fine buttery quality .....	.05	.15	.40	1.25
Blackseed Tennisball. A hardy, very early, small, hard-heading variety; a favorite for growing in frames and hotbeds, also for early open culture ..	.05	.15	.40	1.25
Curled or Cutting Varieties:				
Early Curled Simpson. A leading market variety, used for very early planting and forcing. Forms a dense mass of finely curled and wrinkled leaves that are excellent and tender, and do not wilt readily .....	.05	.15	.30	1.00
Black Seeded Simpson. Very large loose heads of curly golden yellow leaves, which are thin and tender. It stands summer heat splendidly and is valued for frame culture .....	.05	.15	.30	1.00
Grand Rapids. Beautifully crumpled and curled; tender and delicious; grows freely .....	.05	.15	.30	1.25
Early Curled Selicia. An early sort .....	.05	.15	.30	1.00
Prize Head. One of the most popular and easily grown; leaves crumpled and tinged with red .....	.05	.15	.30	1.00
Paris White Cos. A popular old variety, growing to a large size, with long, conical, compact heads, blanching well when tied .....	.05	.15	.40	1.25
Detroit Market Gardeners' Forcing. (Seed white.) A variety quite similar to the Grand Rapids in general character, but it will stand higher heat and so can be crowded to maturity a little quicker .....	.05	.10	.25	.75

Complete List of Vegetable Seeds

	PRICES			
	Delivered Free in U. S. (Except Otherwise Noted)			
	Pkt.	Oz.	¼ lb.	Lb.
MELONS, MUSK —(1 oz. for 60 hills, 2 to 3 lbs. for an acre.)				
Casaba. Large; green fleshed; a most satisfactory variety	.05	.10	.25	.75
Osage, or Miller's Cream. The most popular melon of the Northwest for private gardens; yellow flesh; skin netted green	.05	.10	.25	.75
Early Jenny Lind. A small, very early sort; fine flavor	.05	.10	.25	.75
Nutmeg. Shaped like a nutmeg; green flesh; sweet; good for main crop	.05	.10	.25	.75
Early Hackensack. One of the most popular of all the melons; reliable and bountiful yielder; green flesh; large size	.05	.10	.25	.75
Large Hackensack. Has all the good points of Early Hackensack; is larger and later; not as satisfactory for main crop as Jenny Lind or Rocky Ford	.05	.10	.25	.75
Rocky Ford. A sweet and luscious green-fleshed melon that has become world-famous for its captivating flavor	.05	.10	.25	.75
Paul Rose. A cross between Netted Gem and Miller's Cream. We have the real kind, not the same as Netted Gem. A good melon, but falls short of the good qualities found in Rocky Ford	.05	.10	.25	.75
Netted Gem. Early, productive, uniform and finely netted	.05	.10	.25	.75
MELONS—WATER —(1 oz. for 30 hills; 4 to 5 lbs. in hills per acre.)				
Cuban Queen. Large oval melons, striped dark and light green; flesh red and of excellent quality. The best late sort	.05	.10	.25	.50
Cole's Early. A most delicious and productive variety for the family garden, succeeding in Northern states where melons never ripened before. Flesh bright red and luscious, cool, sparkling and sweet	.05	.10	.25	.70
Dixie. A large oblong, dark striped melon	.05	.10	.25	.65
Florida Favorite. Long, large, deep red flesh	.05	.10	.25	.75
Ice Cream or Peerless. Medium sized, round melon; skin light green mottled	.05	.10	.25	.60
Gypsy, or Georgia Rattlesnake. A strong grower and good bearer; above the average in size and striped dark and green; firm rind and excellent grained flesh; ships well	.05	.10	.25	.65
<i>Cultural directions for growing all kinds of seed are to be found in Lilly's Crop Book. Free copy with 25 cents order of seed, if you ask for it.</i>				
Kolb's Gem. A short, thick, very large melon, dark green, marbled lighter; flesh red; quality fair. As a shipper it has hardly an equal	.05	.10	.25	.70
Kentucky Wonder. A long slim mottled green melon of excellent flavor, medium early	.05	.10	.25	.70
Sweetheart. A thick oval melon, light green mottled, thin rind	.05	.10	.25	.65
Citron. Small round fruits; for preserves only	.05	.10	.25	.75
MUSTARD. A hardy, pungent plant, highly esteemed by many as an appetizing salad for which purpose it should be cut when two or three inches high. It is used when larger as greens	.05	.10	.25	.75
MUSHROOM SPAWN. English, bricks of 1¼ lbs. at 25c lb				
OKRA, OR GUMBO:				
Dwarf Green. The pods sliced are esteemed for soups, stews, etc., and whether used green or dried, must be gathered while young	.05	.10	.20	.60
ONIONS —(1 oz. for 100 feet of drill; 5 to 6 lbs. in drills for an acre.) Prices on onions include postage.				
Extra Early Red Flat. Exceedingly early, of medium size and mild flavor; does well in cool soil where others fail	.05	.15	.50	1.30
Large Red Wetherfield. This is the standard red variety and a favorite onion in the east, where immense crops are grown for shipment; large; skin deep purplish red; form, round, somewhat flattened; flesh purplish white; moderately fine grained	.05	.25	.50	1.40
Australian Brown. Very early, medium size, wonderfully solid and most attractive for market. The best and earliest onion for the market	.05	.20	.40	1.25
Yellow Globe Danvers. A solid heavy round variety, one of the best shippers; thin, crownish-yellow skin; flesh fine grained, solid, white and mild	.05	.15	.40	1.20
Oregon Yellow Danvers. Similar to the Yellow Globe Danvers, only half globe in shape; Oregon-grown seed	.05	.15	.45	1.25
White Queen. Extra early, very small round hard and handsome, white in color, used extensively for pickles or home garden	.05	.20	.60	2.00
White Portugal, or Silver King. A favorite in the family garden; medium size and mild flavor; used very generally by the market gardeners as a bunching onion	.05	.25	.75	2.10
Prize Taker. The skin is of a rich yellow straw color; flesh white, sweet, mild and tender. Very attractive when crated, as generally sold. Early	.05	.20	.45	1.40
South Port Red Globe. A fine looking onion, perfect in shape; produces large crops and is a good keeper	.05	.25	.70	2.10
South Port White Globe. Handsome, large sized, globular in form; both skin and flesh a pure white. If a little care is taken this is a paying crop, as there is always a demand for a fine looking White Onion	.05	.25	.70	2.10
Yellow Flat Danvers. Leading large yellow kind; flesh fine grained, mild and very rich; very productive and one of the best keepers and shippers	.05	.20	.70	2.00
Yellow Strasburg. A large, flat, yellow onion, somewhat different in color from other yellow kinds; a good keeper	.05	.15	.45	1.30
PARSLEY —(1 oz. for 150 feet of drill.)				
Champion Moss Curled. Compact plants of quick, robust growth; fine cut and beautifully crimped and curled leaves	.05	.10	.25	.65
Triple Curled. A popular dwarf variety, used for seasoning and table decoration	.05	.10	.20	.75
PARSNIP —(1 oz. to 200 feet of drill; 5 to 6 lbs. for an acre.)				
Hollow Crown. A handsome, heavy cropping variety, half long, round, smooth white; fine texture and flavor	.05	.10	.20	.50
Long White Dutch. Produces a somewhat larger yield than Hollow Crown, but is inferior in other respects	.05	.10	.20	.50

ONIONS—Seed a short crop this year. Look out for cheap seed.

FOR INDEX SEE LAST PAGE OF CATALOG

Complete List of Vegetable Seeds

PRICES			
Pkts. prepaid	Pound prices are F. O. B.	Add 10c per lb. for free delivery.	
Pkt.	Lb.	10 lb.	25 lb.

PEAS —(2 lbs. to 100 feet of drill; 2 to 3 bu. for an acre.)			
Only packets are sent prepaid; if to be sent freight or express paid add 10c per pound. Special prices on large lots.			
Varieties marked with (*) are wrinkled, all others are smooth.			
Dwarf Early Varieties:			
✓ American Wonder, 10 to 12 inches. Extra early; of dwarf, compact growth, wrinkled; of the finest quality .....	.10	.15	1.50 3.00
✓ Little Gem.* Comes next to American Wonder; 15 inches high; prolific; good flavor .....	.10	.15	1.25 2.50
✓ Nott's Excelsior.* An early, productive dwarf pea of very delicate flavor, large, well-filled pods .....	.10	.15	1.25 2.50
Extra Early, Medium Height:			
✓ Gradus, or Prosperity.* A very productive pea, three feet high, large pods and peas, very marrow .....	.10		3.00
✓ Alaska. Two feet, very early, round, blue pods, three inches long, filled with small smooth, blue-green fruit. Can be sown in fall or early spring .....	.10	.15	1.00 2.25
✓ First and Best. Two and one-half feet, an extra, round, smooth, white pea; very popular .....	.10	.15	1.00 2.00
✓ Advancer.* A great favorite with market gardeners; pods large, handsome and well filled with peas of fine quality .....	.10	.15	1.15 2.00
✓ Everbearing.* Three feet; pods of fair size. Peas large and of good quality. A good pea, but most too rank in growth of vines .....	.10	.15	1.00 2.00
✓ Yorkshire Hero.* Two feet; one of the best medium late sorts; a heavy bearer, large pods and peas. Justly prized for its genuine worth .....	.10	.15	1.20 2.25
✓ Heroine.* Medium early, green, wrinkled pea of high merit; grows to two and one-half feet; pods are large, with eight to ten large marrow-like peas; very prolific .....	.10	.20	1.50 3.00
Main Crop Varieties:			
✓ Stratagem.* The handsome pods, combined with the excellent quality of the peas, make this one of the most desirable sorts .....	.10	.15	1.00 2.00
✓ Telephone.* Four and one-half feet. Strong-growing, exceedingly productive pods of largest size, containing 6 to 7 large, wrinkled, marrow peas of rich, sugary flavor .....	.10	.15	1.00 2.00
✓ Champion of England.* Five feet. A superior selection of this well-known favorite, noted for the rich, marrow-like quality of its immense, wrinkled peas .....	.10	.15	1.25 2.25
✓ Dwarf Telephone.* Eighteen inches. A dwarf, stocky, healthy and vigorous pea. Very productive; a week earlier than Stratagem .....	.10	.15	1.00 2.25
✓ Melting Sugar. An edible pod pea that can be cooked, pod and all, the same as snap Beans .....	.10	.25	1.50 3.00
Field Varieties:			
✓ We have Blue Express, White Canada and Yellow Canada Field Peas, which are among the most popular varieties. Write for prices on large lots. ....	.10	.10	.65 1.25

PREMIUM.

In ordering seeds by the packet or ounce, \$1.25 worth may be selected for each dollar sent. This does not apply when other premiums are selected or on seeds by the ¼ pound and pound.

PRICES
Delivered Free in U. S.
(Except Otherwise Noted)

	Pkt.	Oz.	¼ lb.	Lb.
PEPPER:				
Large Bell, or Bull Nose. Flavor very mild; large, early and bright red fruit, popular for pickling .....	.05	.25	.75	2.25
Golden Dawn. Similar to the above, only golden yellow in color .....	.05	.25	.75	2.25
Ruby King. The most prolific and popular sort grown. Pods of immense size. Thick fleshed and delicious flavor .....	.05	.25	.75	2.25
Red Cayenne. A late variety; three or four inches long, pungent pods; used largely for pickling when green .....	.05	.25	.75	2.25
PUMPKINS —(1 oz. for 30 to 50 hills.)				
Connecticut Field. A productive, large, orange-colored field Pumpkin, usually grown for stock feeding, but it also makes good pies .....	.05	.10	.20	.50
Jumbo, or King of the Mammoths. The largest pumpkin grown. If given proper culture will develop single specimens weighing 200 to 250 pounds, and is variously known under such names as Giant, Mammoth and Combinations of these .....	.05	.10	.30	.90
New Sugar or Pie. A very handsome and exceedingly productive pumpkin; small in size; of delicious flavor; an excellent keeper and the best for culinary use .....	.05	.10	.25	.75
White Cushaw, Striped. Flesh solid, fine and sweet; keeps very well .....	.05	.10	.25	.70
RHUBARB, OR PIE PLANT:				
Mammoth Victoria. The largest and finest cooking variety; has thick, red stalks; a compact and vigorous grower; immensely productive and very spicy .....	.05	.15	.45	1.50
RUTABAGAS —(See Turnips.)				

Going to get a Drill or Cultivator?

With any Cultivator ordered from this catalog you can select free 50c worth of seeds from the first 40 pages.

With any Drill you can select free \$1.00 worth of seeds from the first 40 pages.

Lilly's Crop Book sent when requested with every order for 25 cents or over.

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	Pkt.	Oz.	¼ lb.	Lb.
RADISH —(1 oz. for 100 feet of drill; 9 to 10 lbs. in drills for an acre.)				
Early Round, or Turnip Shaped:				
Early Scarlet Turnip. A popular variety; medium size; mild flavor; bright color and a rapid grower; one of the best early varieties	.05	.10	.20	.50
Early White Tipped Scarlet Turnip. Round, bright scarlet, with attractive white tip; matures in 25 days	.05	.10	.20	.65
French Breakfast. A general favorite; oval shape; bright scarlet with white tip; fine for forcing or open ground	.05	.10	.20	.55
White Turnip. Similar to Scarlet Turnip in size, shape and maturity; flesh crisp and white, and skin pure white instead of scarlet	.05	.10	.20	.50
Early Long Varieties:				
White Vienna, or Lady Finger. A pure white, tapering shape about three inches long; matures in about five weeks; good flavor	.05	.10	.20	.70
Long Bright Scarlet. The standard early long variety; about six inches long; short top; about as early as above	.05	.10	.20	.65
Long Brightest Scarlet, White Tip. Similar to the Long Scarlet with the lower third of its root a pure white	.05	.10	.25	.65
Summer and Autumn Varieties:				
Chartier. A large, handsome summer radish; top crimson, fading to white at tip	.05	.10	.20	.50
White Strasburg. An early summer radish four to five inches long, tapering; flesh and skin solid, white and fine	.05	.10	.20	.55
China Rose Winter. A valuable winter sort four to five inches long, two inches in diameter; considered indispensable by the gardeners	.05	.10	.20	.60
Long Black Spanish. A black skinned winter radish; firm white flesh; one of the hardiest; not as good flavor as the above two kinds	.05	.10	.20	.60
Round Black Spanish. Roots round or top shaped; skin black; flesh white, grained and highly flavored; excellent for winter, as the roots keep long	.05	.10	.20	.60
SALSIFY, OR OYSTER PLANT:				
Long White French. An early variety, but not equal to others in size	.05	.15	.40	1.25
Mammoth Sandwich Island. Produces roots nearly double in size and weight of the old variety and of superior quality, delicious flavor	.05	.15	.40	1.25
SPINACH —(1 oz. for 100 feet of drill; 10 to 12 lbs. in drills for an acre.)				
Thick Leaved Improved. Produces large, thick, bright green crumpled or savory leaves of excellent quality; very slow in running to seed. Can be sown in the fall for spring crop and is unquestionably the best variety for extra early	.05	.10	.20	.40
Prickly Winter. An exceedingly hardy variety, leaves long and pointed	.05	.10	.15	.35
Long Standing. An excellent compact variety, thick, fleshy, dark green leaves; grows slowly, but remains a long time fit for use	.05	.10	.15	.35
Round Summer. A good variety for early spring sowing; leaves are round, thick, fleshy; good for early market gardens	.05	.10	.20	.40
Savoy Leaved Bloomsdale. A very early variety, hardy and suitable for early spring use	.05	.10	.20	.40
SQUASH —(Bush varieties, 1 oz. for 50 hills, 5 to 6 lbs. per acre; running varieties, 3 to 4 lbs. to acre.)				
Summer Varieties:				
Early Summer Crookneck. A bush variety, early and prolific; surface deep yellow, densely warted; quality and flavor good	.05	.10	.25	.75
Long Island White Scalloped Bush. An improved selection, squashes large, about nine inches in diameter and very deep, containing a great amount of flesh; ridges and scalloped edge very prominent; early and productive	.05	.10	.25	.75
Yellow Bush Scallop. Has the same characteristics as Long Island Bush Scallop, except being yellow in color; larger size and inferior flavor	.05	.10	.25	.90
Fall or Winter Varieties:				
Boston Marrow. A very popular second early squash for autumn use; skin thin and tender, or reddish brown color; flesh dry, fine grained and delicious. The most satisfactory of all the early fall varieties	.05	.10	.20	.70
Fordhook. Introduced by Burpee and rightly claimed by him to be one of the finest flavored squashes grown. It is good either gathered young or left until it ripens on the vine, in which condition it can be kept through the winter	.05	.15	.35	1.00
Essex Hybrid. One of the best for fall and winter use; a good keeper and large size; bright golden in color; flesh thick, dry and good flavor	.05	.15	.35	1.00
Sibley, or Pike's Peak. Shell smooth, thin and of a pale green color	.05	.10	.25	.75
Large Warted Hubbard. A new, very large strain of the old Hubbard, retaining all of its good features with the added merits of larger size, increased productiveness, and a hard, green, warty shell, rendering it the best keeper of all	.05	.15	.25	.75
Golden Hubbard. Similar to the old favorite Hubbard in growth, form, size and productiveness; skin is of a rich golden-red and heavily warted, highly attractive and of extra fine quality	.05	.10	.30	1.00
Mammoth Chili. The largest of all squashes, often weighing 200 pounds or over; flesh rich and fine flavored	.05	.15	.40	1.25
SUNFLOWER —Mammoth Russian				.10
TOBACCO —(1 oz. for about 325 ft. of drill.)				
Connecticut Seed Leaf. Hardy and well adapted to cool localities and for general use	.05	.35	.60	.....
Havana. Delicate flavor and fine texture; valuable in the manufacture of fine cigars	.05	.50	1.50	.....

BEE KEEPERS

Send for Large Illustrated Catalog of
BEE SUPPLIES

Tells All About the Care of Bees

FOR INDEX SEE LAST PAGE OF CATALOG

Complete List of Vegetable Seeds

PRICES
Delivered Free in U. S.
(Except Otherwise Noted)

	Pkt.	Oz.	¼ lb.	Lb.
TOMATOES —(1 oz. for 1,500 plants; ¼ lb. to the acre.)				
Early Michigan. An extremely smooth, solid, perfectly shaped tomato. A favorite early sort with market gardeners	.05	.20	.75	2.25
Beauty. Prolific, medium sized, smooth and of a dark purplish red; flesh of superior quality	.05	.20	.75	2.50
Dwarf Champion. Dwarf and compact habit; requires no stake and can be planted as close as three feet; fine cropper; round and smooth and ripens with little sunshine	.05	.30	1.00	3.00
Early Ruby. One of the earliest tomatoes grown; uniform in size and shape; solid and of fine quality; color rich red	.05	.20	.75	2.50
Favorite. A large, handsome, uniformly shaped tomato; solid, smooth flesh, ripens evenly	.05	.20	.75	2.25
Ponderosa. It excels in magnificent size, often attaining a circumference of 15 inches, often weighing 2, 3 and 4 pounds each, perfect in form, free from wrinkles and fissures, as smooth as glass, solid and meaty	.05	.25	.80	2.50
New Stone. A large, handsome tomato of good quality; scarlet fruit, solid and deep in color and exceedingly heavy	.05	.25	.70	2.25
Atlantic Prize. An extra early variety of good size and smooth surface; flesh fine	.05	.20	.70	2.25
Acme. An old, well-known, early variety; medium in size, smooth, solid and prolific; color purplish pink	.05	.25	.60	2.25
Trophy. Extra selected; our superior selection from perfect specimens of this old favorite is free from the corrugations of the old strains	.05	.20	.65	2.25
TURNIPS —(1 oz. for 150 feet of drill; 1 to 2 lbs. in drills for an acre.)				
White Fleshed Varieties:				
Cow Horn, or Long White. Pure white slightly curved roots, somewhat resembling a carrot; flesh tender, sweet and of fine quality; can be sown early for fall or winter use	.05	.10	.20	.60
Early White Flat Dutch. A standard early variety; flesh white and mild	.05	.10	.20	.60
Early White Milan. The earliest of all. It is fine grained, of good flavor and ivory white in color, very attractive	.05	.10	.30	1.00
Purple Top Milan. Similar, but not quite equal to White Milan	.05	.10	.30	.90
Early Purple Top Strap Leaf. One of the best and most universally grown. Small, erect top, round, flat; purplish red above, white underneath; flesh firm, but very tender and sweet	.05	.10	.20	.60
Purple Top White Globe. An early, large globe-shaped variety; white flesh; a fine table turnip	.05	.10	.20	.60
White Egg. An oval or egg-shaped variety, with smooth, thin, white skin and snowy-white flesh	.05	.10	.20	.65
Yellow Fleshed Varieties:				
Golden Ball, or Orange Jelly. Medium size globe-shaped bulbs; very early; flesh golden yellow, of fine texture and sweet	.05	.10	.20	.65
Yellow Aberdeen. A fine, large globe-shaped sort, with yellow flesh of fine quality and a good keeper; popular for table or stock	.05	.10	.20	.60
Butabaga, or Swedish Varieties:				
American Purple Top Improved. A popular variety for both field and table use; flesh yellow, solid and good flavor	.05	.10	.20	.60
Skirvings Imp. Purple Top. Similar to American Purple Top but larger	.05	.10	.20	.60
Sweet Russian. A white fleshed variety of large size and good quality; lacks the richness of the yellow varieties	.05	.10	.20	.60
Monarch, or Tankard. A yellow fleshed sort having very large tankard-shaped roots	.05	.10	.20	.60

NITRO-CULTURE

Nitro-Culture consists of Nitrogen-fixing-Bacteria prepared and dried on absorbent cotton, and sent out in small packages, with necessary salts, and can readily be prepared for use by any farmer, as full directions accompany each package. The Bacteria when applied to leguminous seeds, for which they are prepared, have the power to collect nitrogen out of the free air, and fix it in the soil, as well as on the roots of the leguminous plants and under favorable conditions they multiply very rapidly in the soil, supplying all of the nitrogen which the growing crops desire, or can use, also enriching the soil at the same time. It is generally estimated that more than 100 pounds of nitrogen per acre is added to the soil by these Bacteria. Those who planted inoculated leguminous crops last year report where wheat, corn, barley, oats, cotton, or other crops are planted on the same field, there is a remarkable increase, and a line is distinctly shown in the field where the inoculated leguminous crop had been grown the previous year; thus proving that Nitro-Culture will not only very largely increase the legumes, such as beans, peas, vetch, peanuts, clover, alfalfa, etc., but the next succeeding year any crop which may be planted in the same field will be tremendously benefited.

Nitro-Culture is especially prepared for the following crops: Those carried out on the same line require the same bacteria: Alfalfa, or Lucerne, Red Clover, Alsike Clover, White Clover, Crimson Clover, Field Peas, (Canada Field Peas), Garden Peas, Sweet Peas, Cow Peas, Whip O' Will Peas, and Clay Peas, Garden Beans, including Kidney, Wax String, Lima and Pea Beans; Soy Beans, Velvet Beans, Vetch.

Price: Pkg. 50c., ¼ to ¼ acre; Acre pkg., \$1.50; 5-acre pkg., \$5.00.



Inoculated and Uninoculated alfalfa.

FOR INDEX SEE LAST PAGE OF CATALOG



Alfalfa is the most valuable of all hay crops where the soil is adapted to its growth. It requires a deep, well-drained soil. If there is an excess of water, either in the soil or on the surface, the plants are quickly killed. The roots penetrate very deeply, consequently Alfalfa is a great drought-resisting plant. It should be sown alone, in thoroughly prepared, deeply plowed soil, at the rate of 15 to 25 lbs. to the acre. The crop should be cut when the plant is coming into bloom.

Alfalfa is a perennial and several crops can be cut each year. The cost of the best seed is so small over the ordinary kind that the grower should exercise caution to secure the best—Lilly's Best Alfalfa.

LILLY'S BEST GRASS SEEDS ARE THE BEST

FOR THE WEST

For Prices at time this Catalog is published see complete price list of Field Seeds

FOR INDEX SEE LAST PAGE OF CATALOG

LILLY'S BEST TIMOTHY SEED

A bushel of seed weighs 45 lbs., and when sown alone not less than one-half bushel should be used per acre.

There are so many grades of timothy on the market, most of them almost valueless, that great care must be exercised in buying. The seed put up by us under the Lilly Best we guarantee as being fresh and absolutely free from weed, seeds and foreign matter of all kinds. It is strictly first class. If, upon arrival, the seed is not found as represented, it can be returned to us at our expense and we will refund the price paid. This specially cleaned seed costs more than the ordinary kind, but for those who are particular as to what they get, the extra cost per acre is an item so small as to be well worth the investment.

Sold only in 100-lb. sealed bags. Write for latest market price.

LILLY'S BEST RED CLOVER

The amount to sow for an acre is about 15 pounds, but more may be used if an extra thick stand is desired. Lilly's Best Red Clover is something in which we take an especial pride. All our seed is run through our Improved Seed Cleaner and is put up in sacks and sealed with a lead seal. In making purchases look for the red and green twine used in sewing up the sack and see that the lead seal is there, then you may be certain of getting an article of the highest grade. We absolutely guarantee that every bag of Lilly's Best Red Clover on which the seal has not been tampered with, has been thoroughly re-cleaned, that all weed seeds, shriveled or undersized seeds and foreign matter have been removed, and that the seed is of new crop and high germination. Upon this guarantee we stand, and if the purchaser finds any sack not as represented he has but to return it at our expense and get his money back. Do not confuse our Lilly's Best Clover Seed with the cheap seeds placed on the market without re-cleaning and sold in bulk. Look for the Lilly's Best Brand and the lead seal.

Sold only in 100-lb. sealed bags. Write for price.

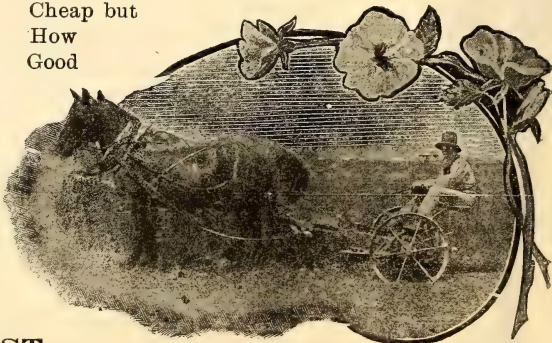
LILLY'S BEST ALFALFA

For many years the best Alfalfa Seed came from Utah and Colorado, but the growers in those sections made a practice of selling the best and planting the poorest grades, so that they now produce an inferior grade. All of the Lilly's Best Alfalfa comes from new fields in Montana. It is thoroughly re-cleaned in our modern machinery, it is sold only in sealed bags and is guaranteed to be the best, brightest and cleanest seed on the market. If not found just as represented it can be returned at our expense.

SOLD ONLY IN 100 LB. SEALED BAGS.

Not How Cheap but How Good

Prices of Lilly's Best Grass Seed furnished on application.



LILLY'S WHITE HULLESS BARLEY

BEST

IT IS BEARDLESS - - - IT IS HULLESS

PRODUCES AN ENORMOUS CROP ON HEAVY LAND

White Hulless Barley will yield a magnificent crop of hay that is free from beards and of great value for work teams, being very strong and almost equal to a grain feed. It is two or three weeks earlier than ordinary Barley and grows about the same height. It will not shatter in the field, even if very ripe. The grain is not unlike wheat, and weighs about 60 lbs. per bushel. It should be sown at the rate of 1½ bushels per acre—less than common Barley. This grain is best adapted to heavy soil, and on such will return a crop that will open your eyes.

John H. Gallagher, of Curfew, Wash., has been using White Hulless Barley as a feed for his hogs. In a letter to us he speaks of its merits as follows: "The White Hulless Barley I believe to be superior to all other grains for hay, and in grain yield I believe it will beat ordinary Barley 20 per cent. We know that the indigestible part of ordinary Barley is the hull, and as this comprises about 10 per cent. of the grain I would consider the Hulless, pound for pound, a better hog food by 10 per cent. than the old kind. Further, the White Hulless Barley can be sown in September and harvested in June, and the stubble give green forage during July and August."

FOR PRICES SEE LIST OF GRAIN SEED. QUOTATIONS ARE SUBJECT TO MARKET CHANGES

RUSSIAN RYE

LARGE PLUMP KERNELS

A good Rye crop is valuable on any farm, and will provide either green feed in the late fall and early spring for stock or a fine crop for turning under for green manuring. It can be raised on soils that are too poor for the other cereals, and will yield from 15 to 30 bushels per acre. The chief virtue of Rye for forage is its hardiness, rapid growth early in the season before other crops come in, and its palatability to stock. It is hardier than wheat and will withstand a more rigorous climate. The Russian Rye ripens before wheat, and being a winter variety its yield is heavier than other kinds. The composition of the grain is very similar to wheat, and is good for feeding to hogs.

Our Russian Rye is specially cleaned for seed and only the largest and heaviest kernels saved. Few dealers ever pay any attention to the quality of Seed Rye they place on the market, and the result is that the farms are given a large quantity of foreign and noxious weed seeds at every sowing of the ordinary Rye seed. It will pay you to get our re-cleaned Russian Rye for your next sowing. Rye should be sown at the rate of from 75 to 90 lbs. to the acre.

PUT UP IN 125-LB. BAGS, @ \$2.25 PER 100 LBS.

SPRING VETCHES

(VICIA SATIVA)

The Vetches are among the most valuable crops for that section of the Pacific Coast lying north of California and west of the Cascade Mountains. The variety mostly used is known as Spring Vetches, but to get the best results in Western Washington and Oregon the seed should be sown in the fall, mixed with Black Alaska Oats or Russian Rye. The Winter Vetches, also called Sand or Hairy Vetches, do not succeed well in the western part, but are very valuable in Eastern Washington and Oregon. Vetches are as rich as Alfalfa, and for the section first named above they are far more valuable. When sown with oats or rye as a nurse crop this mixture will ordinarily yield 8 to 10 tons of green fodder at a cutting. They make an excellent quality of hay for all stock but especially for dairy cows. Spring Vetches are sown broadcast at the rate of from 1 to 1½ bu. per acre.

PRICES SUBJECT TO CHANGE. WRITE FOR FIGURES. WE QUOTE PRICES FOR IMMEDIATE ACCEPTANCE

SEED SOWER AS A PREMIUM

If you order our Grass or Clover Seeds to the amount of \$20.00 we will send (if asked for on the order—not otherwise) one of our new Cyclone Broadcast Seed Sowers, mentioned on page 80. This is a good broadcast seeder and is sold at \$1.99. It will sow any seed that can be sown broadcast.

FOR INDEX SEE LAST PAGE OF CATALOG

BLACK ALASKA OATS

FOR FALL OR WINTER

The Best Winter Oat Ever Introduced into
The Northwest.



G. F. Urfer, of Wickersham, writes us as follows: "Your oats are the best and cleanest seed oats I ever used, and the barley also. Hope you have them always on hand." Geo. W. Thomas, of Leland, sowed some of our re-cleaned Seed Oats, and in May wrote us: "Your Seed Oats are the cleanest and plump-est I have ever sown and they all grow. Mine are 6 inches high and looking well."

They have been tried by many and we could fill a book with testimonials from happy farmers from all parts of the northwest. In fact, we have heard nothing but the highest praise for the Black Alaska.

They yield enormously, from five to twenty-five bushels per acre more than other varieties on the same ground. They stood well and the grain is invariably plump and heavy with a thin, delicate hull which slips off easily.

Being very hardy, they are exceedingly well adapted to northern latitudes and we recommend them to our customers this fall with greater faith than ever before.

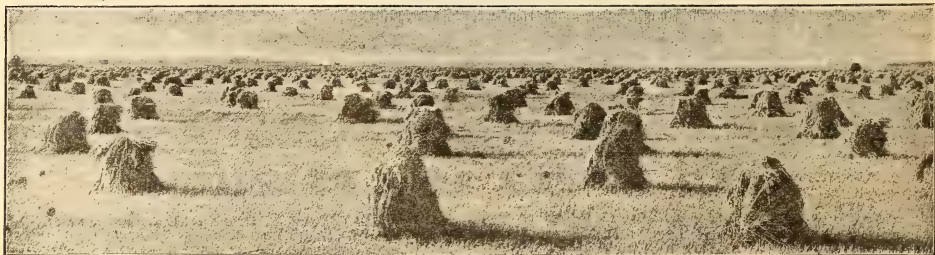
DONT DELAY

The demand for this valuable oat was so great last fall that we were forced to disappoint many customers whose orders reached us after the stock was exhausted, consequently we have increased our acreage largely and hope to be able to fill all orders promptly.

However, we beg you not to delay, for we know you will never regret having sown "Black Alaska Oats."

CLEANING

Our facilities for re-cleaning seeds and grain are of the best and latest improved methods, and we put up all of our re-cleaned grain seeds in sealed bags of a uniform weight. Look for the little lead seal and be assured of getting seed free from obnoxious weed seeds, imperfect and foreign grains. Black Alaska Oats are put up in 100-lb. bags at \$2.50 per bag; smaller quantities, 3½ cents per pound.





WHY A MIXTURE SHOULD BE SOWN.—Whether for hay or for pasture, there are

many advantages to be obtained by sowing a mixture. The up-to-date farmer, as well as the agricultural college, advocates sowing a number of species at one time. Each grass lives, to a great extent, on different constituents. The season that would completely check the growth of one variety of grass will act as an encouragement to some other variety, so that with a mixture failure is practically impossible. This mixture must be so composed as to make a solid turf. If a large portion of tufted or bunchy grasses are used bottom grasses of more spreading habit must be intermingled so as to fill the spaces and make a compact, even growth. It is also desirable to use those kinds that make a rapid growth after each cutting. In a mixture for hay, such grasses should be used that will all mature about the same time, while for a pasture mixture the chief requisite is that early, medium and late varieties should be used together, so as to furnish continued grazing the entire season. About 15 lbs. of either mixture will be sufficient to sow an acre, but for an extra good stand 20 to 25 lbs. could be used to advantage.

HOW TO SOW—The L. B. Pasture Mixture will produce one good crop of hay each season and can then be pastured the balance of the year. Before sown it should be thoroughly stirred, as the heavy seeds will settle to the bottom during transit, and unless the seed is thoroughly mixed your field is apt to be spotted. At least 20 pounds should be sown per acre and twice this amount will give better results. Although this mixture will do well sown early in the spring, results will be much better if sown in the fall. The grasses composing this mixture are deep, fibrous rooting, thus insuring a good pasture during the driest spells, and a tough matted sod that will stand twice the pasturing that the ordinary sod will; in fact, almost impossible to kill out by over-grazing.

The L. B. Hay-Mixture has the same good qualities as the pasture mixture, but the grasses used are tall growing and all mature at about the same season, so that they are all ready to cut at the same time.

The L. B. Pasture Mixture is prepared on the same general lines as the Pasture Mixture, but with the view of meeting the requirements of hog pasture. It will furnish a rich, nutritious pasture when the ordinary pastures are dried up.

HOW TO ORDER—In ordering, be sure to give a description of the land you intend sowing, the kind of soil, whether high or low and whether you have much or little rainfall. We take all these conditions into consideration, and every lot we send out is prepared expressly for the customer ordering. This necessarily takes a little extra care, but it is the only way to give satisfaction, so kindly allow a couple of days on your order if possible.

PASTURE GRASS MIXTURE—No. 1. For wet bottom lands. No. 2. For dry uplands and burns west of the Cascades. No. 3. For dry, sandy soil east of the Cascades.

HAY MIXTURE—No. 1. For wet bottom lands. No. 2. For dry uplands, heavy soil. No. 3. For dry upland, light, sandy soil.

Price on all Grass Mixtures: 1 lb., 20c.; 10 lbs., \$1.50; 100 lbs., \$12.00. Add 8c per lb., if wanted by mail.

MACARONI WHEAT

A crop for dry land. Will thrive on 10 inches of rainfall. Yields fifty per cent. more than ordinary wheat.

This wheat will make it possible to harvest from thousands of acres in the Northwest now considered too dry for ordinary wheat. Macaroni has many uses which render it acceptable and valuable in American dietaries. One of the first and most obvious is the manufacture of Macaroni and other forms of edible pastes. Macaroni flour also makes good, palatable and nutritious bread.

Macaroni Wheat was originally imported from Algeria by the United States Department of Agriculture, and has been very successfully grown in the drier portions of Minnesota and the Dakotas, where ordinary wheat would not produce a paying crop. On the Pacific Coast it has been given extended trials and has fully come up to expectations.

We put up Macaroni Wheat in bags of 125 lbs. at \$3.50 per bag, sent at purchaser's expense.

Thousand-Headed Kale

This excellent green crop, while not as popular as Essex Rape, is most valuable for sheep pasture during the dry season. Thousand Headed Kale drilled in March, April and May will be ready in October, November and December, and that drilled in August and September will come in from March to June.

Drill 6 lbs. per acre; sow 2 lbs. per acre for transplanting. Price, 50c. per lb.

Dwarf Essex Rape

Rape is best summer feed for sheep, hogs and poultry during months when everything else is dried up. Excellent as soiling crop. If sown in May is ready for pasturage in July and August, or sow it about the first of June and have it ready for the first cutting in about six weeks. Two crops more can be cut during the summer. The Rape is fed green and stock can be turned in on it, but this is a wasteful method.

Price: Lb., 15c.; 10 lbs., \$1.00; 100 lbs., \$7.50, at purchaser's expense for freight.



FORAGE PLANTS—Continued from page 54

Yellow Branching (Yellow Millo Maize). Nonsaccharine; useful for the large amount of foliage, green feed or cured fodder that it furnishes and for its grain. Lb., 15c; 100 lbs, \$8.

White Branching (White Millo Maize). This non-saccharine Sorghum when cut for feeding starts again from the stumps with renewed strength and vigor; thrives in the hottest and driest localities. Per lb., 15 cts.; 100 lbs., \$9.00.

Red Kafir Corn, or Sorghum. Non-saccharine. The plant is low, stalky, perfectly erect. The whole stalk, as well as the blades, cures into excellent fodder, and in all stages it is available for green feed. Per lb., 10 cts.; 100 lbs., \$4.00.

White Kafir Corn. Per lb., 10 cts.; per 100 lbs., \$3.00.

SORGHUM (18 lbs. to acre if sown in drills. For dry fodder 2 bushels should be sown to the acre.)

Early Amber Sugar Cane. Ripens wherever Indian Corn matures. Lb., 15c; 100 lbs., \$6.

SUNFLOWER—Large Russian. Per lb., 10 c; 100 lbs., \$7.00 (price fluctuates).

TEOSINTE. See Reana luxurians.

VETCHES—Spring Tares. See page 43.

Sand, Winter, or Hairy Vetch (*Vicia villosa*). Thrives on poor, arid, sandy soils. It is sown either in fall or in spring, mixed with rye, for a support. Grows 3 to 4 feet high, and can be cut as soon as the bloom appears, and again for the seed. Perfectly hardy, and the produce is recommended as most nutritious. Sow from ½ to 1 bushel to the acre. Market price.

WILD RICE (*Zizania aquatica*). A native of our northern and western states. Valuable as a forage plant for swamps and inundated lands, but chiefly as an attraction for water fowl. Before sowing soak in water for 24 hours. Sow in water which is from 6 inches to 5 feet deep, with soft mud bottom. In running water, sow out of strong current. Per lb., 25 cts.; per 100 lbs., \$15.00.

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Eldorado

KING OATS

A MONEY-MAKER



ELDORADO KING OAT.

A MINT OF MONEY FOR OAT GROWERS.

75 lbs. of seed for acre. 116 bu. average yield per acre.

THE ELDORADO KING OAT has surpassed all claims ever made for it. It matures early and as the straw is large and stiff, it supports its heavy heads well and will not lodge even on rich soil. The hulls are very thin and soft and slip the berry very easily, making this the best variety for rolling and giving it the highest feeding value.

ELDORADO KING OATS have never been known to rust. If you want an early white oat for feeding or to raise for the market you can make no mistake by using Eldorado King. Sold only in 100-lb. sealed bags. Look for the lead seal. Price \$2.50 per 100 lbs.

FOR CHOICE READY SELECTED GARDEN SEEDS SEE INSIDE OF REAR COVER

THE SEEDS YOU NEED FOR THESE TWO GARDENS—We have prepared collections of the popular seeds that are specially adapted to the requirements of just these gardens. The selections have all been thoroughly tested at our Brighton Beach experimental station, and we know that they will give satisfaction because our experts found that each variety was adapted to the climate.

Thos. Sharpe of Anacortes, writes us,—“All Lilly’s Best Seeds have done excellently and especially the Eldorado King Oats.”

FOR INDEX SEE LAST PAGE OF CATALOG

CORN WHEAT

The Hog Feed of Washington

Corn Wheat produces a good crop on light, poor soil. It is more especially adapted to the interior and is not an entirely satisfactory crop west of the Cascade Mountains, but on light, semi-arid soils it will produce more and better hog feed than any other grain except corn, and can be grown in those sections where corn will not thrive, as the summer moisture and the hot nights so necessary for a corn crop are not required for Corn Wheat. During the past season we have sold Corn Wheat in every state west of the Mississippi River and from every point come nothing but praises of this wonderful grain. Last year we were unable to fill all the orders, and many had to go without, so kindly get your order in early if you do not wish to be disappointed.

For cultural directions get a copy of Lilly's Crop Book, sent free with all 25c or larger orders, on request.

Price: 1 lb., 10c; 10 lb., 50c.; 100 lb. \$3.00. Freight extra.

SPELTZ

or

EMMER

A valuable new grain
From RUSSIA

Has proven of great value and it is now listed by almost all of the leading seedsmen. It is botanically known as *Triticum Spelta* or *Emmer*, and is supposed to be the grain grown in Egypt in the time of Moses. It is mentioned several times in the Bible. For centuries past it has been grown in a limited way in eastern Russia, near the Caspian Sea, its value not being known to the civilized world. Nine years ago an emigrant from there brought some to this country, and it yielded more than wheat, rye, barley or oats. It is of high value for feeding and will make a fair grade of flour somewhat similar to rye. Will grow well and produce immense crops on poor soil, and dry weather appears to have no effect on it. It will make a good crop with almost any condition of soil or climate. It makes excellent pasture and good hay if cut at proper season. Yields 70 to 100 bushels of grain to the acre besides several tons of the straw which is good for feeding. The grain is claimed to be much richer than corn for feeding and of superior quality for fattening of hogs, cattle, sheep, poultry, etc. It may be sown in the fall but is usually sown in the spring, 50 to 75 pounds per acre. It stools out wonderfully.

Price: Lb., 10c.; 10 lbs., 40c.; 50 lbs., \$1.75; 100 lbs., \$3.00



CORN WHEAT



SPELTZ



Grass Seeds



We desire to call particular attention to the fact that Grass Seeds are sold in the trade by sample, and each sort is divided into three or four grades of quality, according to purity, germination and weight. The price of the best grade is often double that of the ordinary. The Grass Seeds here offered by us are in every case the VERY HIGHEST GRADES.

Prices on Grass Seed are subject to change. We give here the market price at time catalog is printed. Will be glad to have you write for quotations or if you send us your order we will fill at market price the day order is received.

AGROSTIS STOLONIFERA (Creeping Bent, or Fiorin). The distinctive feature of this species is, as the name implies, its compact, creeping, rooting stems. It prefers low bottom-lands, especially if they are somewhat sandy. It is of rapid growth and spreading habit, and the stoloniferous roots form a strong, enduring turf, that is positively improved by constant trampling. Being of fine texture, it is one of the most valuable of our lawn grasses. If sown alone, 50 lbs. to the acre should be used. Height up to 2 feet. (15 lbs. to the bushel.) Per lb., 35 cts.; 100 lbs., \$28.00.

AGROSTIS VULGARIS (Red Top; Herd's Grass). A very hardy native perennial grass, succeeding best on moist land. It accommodates itself to a variety of soils, however, even to quite dry situations, and stands a hot climate admirably. It is, perhaps, the most permanent grass we have, and it enters largely into the composition of our best natural pastures. It remains green for the greater part of the year, and its long trailing stems form a very close turf, that is not affected by trampling. It grows well as far south as Tennessee. Height, 1 to 2 feet. The seed, as usually sold, weighs 14 pounds to the bushel. The bulk of this is, of course, chaff, and 4 bushels of it would be required to sow an acre. The absolutely clean or "fancy" seed offered below weighs over 36 lbs. to the measured bushel, and 30 lbs. of it is sufficient to sow an acre. Per lb., 20c; 100 lbs., \$15.00.

PRIME RED TOP, in chaff, per 100 lbs., \$7.00.

ANTHOXANTHUM ODOBATUM (True Perennial Sweet Vernal Grass). For a mixture with pasture grasses, it is valuable on account of its vernal growth, and also for continuing to throw up root foliage until late in the autumn. For meadows, its chief merit is the fragrant odor which the leaves emit when partially dried, thus sweetening hay. It is a vegetable condiment, rather than a grass of much nutritive value. From 2 to 3 lbs. to the acre when mixed. Per lb., \$1.25.

AVENA ELATIORE (Tall Meadow Oat Grass). Most valuable for pastures on account of its early and luxuriant growth; it produces an abundant supply of foliage, which is relished by cattle, early and late. For hay it may be cut twice a year, and for green soiling it may be cut four or five inches in favorable seasons. It is very hardy, and withstands extreme drouth and heat and cold. It is very valuable for pastures. Height, 2 to 4 feet. 40 lbs. per acre. Per lb., 20c; 100 lbs., \$16.00.

BERMUDA GRASS (*Cynodon dactylon*). A most valuable grass for our southern states, both for pasture and lawn. It is of dwarf habit, with long creeping stems, rooting at the joints and covering the ground with a mat of fine turf, which no amount of trampling can destroy. As it cannot endure frost, it is of no value north of California. It thrives in the poorest and sandiest soil, and resists extreme drouth and the most intense tropical heat. It should be sown at the rate of 15 lbs. to the acre. (36 lbs. to the bushel.) Per lb., 70 cts.; 100 lbs., \$55.

BLUE GRASS, CANADA. See *Poa compressa*.

" " **ENGLISH.** See *Festuca pratensis*.

" " **KENTUCKY.** See *Poa pratensis*.

BROMUS INERMIS (Awnless, or Smooth Brome Grass).

Bromus Inermis is an erect perennial, 3 to 5 feet in height, and is considered one of the best hay grasses. In the illustration may be noted the large amount of foliage, as compared with other grasses of its class. This is what makes it valuable. It is strongly stoloniferous, its creeping root stocks spreading rapidly under ground and giving out new plants. For temporary meadows it is not recommended, on account of the difficulty of eradicating it, but where a permanent meadow is desired this is an excellent grass. It is best adapted to dry, arid soils, where other grasses will not grow. Where Red Top will not grow *Bromus Inermis* will thrive well. This grass should be in every mixture of light, sandy soils and will do well on scab land. The first year's crop will not be large, for it is then sending out the mass of roots that makes it of such great value when fully established. From 35 to 40 pounds to the acre is sufficient to sow. A bushel has about 12 lbs. Per lb., 15c.; 100 lbs., 12c.

BROMUS SECALINUS (Cheat). An annual grass, valuable for low lands; can be planted in fall or spring. About 100 lbs. per acre. When cut for hay, should be harvested before it gets too ripe. Per lb., 10c; 100 lbs., \$2.50.

BROMUS SCHRADERI (Rescue Grass). In good, rich soil several crops have been cut in a season. It cures into hay of fair nutritive quality, but heavy and difficult to cut. For pasture, or for cutting and feeding green, it is more suitable. Height, 1 to 2 feet. (14 lbs. to the bushel.) 30 lbs. to the acre. Per lb., 30c; 100 lbs., \$25.

CHEAT. See *Bromus secalinus*.

DACTYLIS GLOMERATA (Orchard Grass; Cocksfoot). One of the grasses most employed in permanent meadows, either for pasture or for mowing. It is very hardy and succeeds well anywhere in the United States. It is very productive and makes excellent

IF GRASS SEEDS ARE TO BE SENT BY MAIL ADD 8c PER LB. TO ABOVE PRICES.



Grass Seeds—Continued



PRICES SUBJECT TO CHANGE—See Preceding Page.

hay. If cut before it flowers it is less hard and the pith of the stem is soft and sweet. It blossoms about the same time as Red Clover, and is therefore desirable in mixture with that plant. Stock of all kinds are very fond of it, either dry or green, and it endures constant cropping better than any other grass. After being mown it grows up quicker and yields a heavier aftermath than any other variety. It can stand considerable shade, and is recommended as a pasture grass for woodlands. Its tendency to grow in tussocks is diminished if it is sown with other grasses, and also by heavy rolling in the spring. But it is quite unsuitable for lawns. Height, 3 feet. (14 lbs. to the bushel.) Sow 3 or 4 bushels to the acre. Per lb., 20c; 100 lbs., \$18.

FESTUCA OVINA (Sheep's Fescue). A native both of America and of Europe. In our northwestern states there are many varieties of it, some of which grow 2 or 3 feet high. It prefers dry uplands, and thrives in poor, shallow, gravelly soils where other grasses would fail. It is very hardy, resisting extreme heat and cold. Though of dwarf growth, it grows thickly, yielding a large amount of very nutritious herbage, which is much relished by sheep. In grass mixtures for pastures on high and dry lands it is especially valuable. Though a "buck grass," it may be included in lawn mixtures on account of its fine foliage and dwarf, dense growth. $\frac{1}{2}$ to $1\frac{1}{2}$ feet. (16 lbs. to bushel.) 35 lbs. to the acre. Per lb., 25c; 100 lbs., \$20.

FESTUCA DURIUSCULA (Hard Fescue). This is a variety of *F. ovina*, dwarfer and less vigorous in growth, but possessing all the other valuable characteristics of that variety. It is emphatically a grass for dry lands, doing well on sandy and shallow silicious soils. It is exceedingly hardy and withstands extremes of heat and cold, and also long periods of drought. For permanent pastures on poor lands it is especially valuable, but it may also be used in meadow mixtures for well-manured clayey lands. In the latter case it has been known to yield a good crop of excellent hay and a very large aftermath. On account of its stooing habit it is not recommended for lawns. Height, 1 to 2 feet. 30 lbs to the acre. (16 lbs. to the bushel.) Per lb., 25 cts.; 100 lbs., \$20.

FESTUCA PRATENSIS (Meadow Fescue, or English Blue Grass). One of the grasses most tused in permanent or temporary meadows for mowing or for pasture. It succeeds best in cold, moist, light soils, in well-drained meadows and in low valleys rich in organic matter. It does not reach its full development till the second or third year, when it far exceeds most other sorts in the quantity of its produce and nutritive matter. After being mown it grows again very quickly. The forage, either green or dried, is very nourishing and much relished by cattle, especially when it has been cut young. Height, 2 feet. (27 lbs. to the bushel.) 40 lbs. to the acre. Per lb., 20 cts.; 100 lbs., \$10.

FESTUCA RUBRA (Red, or Creeping Fescue). A creeping rooted species, forming a close and lasting turf, and especially adapted for dry, sandy soils. It resists extreme drought, and thrives on very inferior soils, gravelly banks and exposed hillsides. It is also valuable for binding shifting sands on the seashore. 30 lbs. to the acre. (14 lbs. to the bushel.) Per lb., 25 cts.; 100 lbs., \$22.

FESTUCA TENUIFOLIA (Slender Fescue). This is really a variety of *Festuca ovina*, with much finer leaves. It will grow on very dry and inferior soils, and its dwarf habit of growth and fineness of leaf render it not unsuitable for dry slopes on lawns. It stands grazing well, is very hardy and lasts long, and may therefore be recommended for permanent pasture on high and dry situations. 30 lbs. to the acre. (22 lbs. to the bushel.) Per lb., 40 cts.; 100 lbs., \$32.

HOLCUS LANATUS (Meadow Soft Grass; Velvet Grass Mesquite). This grass is not of much agricultural value, except on peaty or sandy soil, where better sorts will not grow. It is perennial, very hardy and grows rapidly. As a forage plant it is not of the first order, its nutritive value being small; yet it makes a hay that is eaten readily by cattle, especially when it is sprinkled with salt. Height, 1 to 2 feet. 35 lbs. to the acre. Per lb., 22 cts.; 100 lbs., \$18.

HUNGARIAN GRASS. See Panicum Germanicum.

JOHNSON GRASS (*Sorghum Halepense*). A perennial of luxuriant growth. It has strong roots that penetrate to considerable depth, enabling it to withstand drought well. It belongs to the Sorghum family and is sweet and nutritious and much relished by stock. Per lb., 25 cts.; 100 lbs., \$15.

LOLIUM PERENNE (Perennial Rye Grass). Although called a perennial, it seldom lasts more than three or four years. It is the most valuable grass of Great Britain, both for pastures and for meadows, occupying there the same relative position of importance that Timothy holds here. The cool, moist climate of the North Pacific coast seems to suit it best, yet it succeeds very well in California and adapts itself to a great diversity of soils. The seed is large and heavy, and produces a strong, verdant growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor, is much relished by cattle and horses. Its nutritive value, especially in mixture with Red Clover, is very great. It is excellent in mixtures for quick effects in lawns. Height, $1\frac{1}{2}$ to 2 feet. (28 lbs. to the bushel.) 60 lbs. to the acre. Per lb., 12 cts.; 100 lbs., \$8.

LOLIUM ITALICUM (Italian Rye Grass). On the Pacific Coast this is a perennial and one of our best grasses. Like the Perennial Rye Grass, it is a remarkably rapid grower, and has, in addition, the advantage of standing extremes of temperature, remaining green throughout the winter, and retaining its freshness in the hottest summer months and during prolonged droughts. When sown very thickly, or in mixture with other sorts, it makes a good, dense turf, and it has been used with much satisfaction on lawns. On rich, moist soils it is exceedingly productive, yielding an abundant cutting in four or five weeks after sowing, and every six weeks after that until late in the fall. For temporary meadows, on soils that are neither too stiff nor too dry, it is one of our most valuable grasses. (22 lbs. to the bushel.) Height, $1\frac{1}{2}$ to $2\frac{1}{2}$ feet. 50 lbs. to the acre. Per lb., 12 cts.; 100 lbs., \$9.00.

MESQUITE. See *Holcus Lanatus*.

OAT GRASS. See *Avena elatior*.

IF GRASS SEEDS ARE TO BE SENT BY MAIL ADD 8c PER LB. TO ABOVE PRICES.



Grass Seeds—Continued



PRICES SUBJECT TO CHANGE—See Page 49.

ORCHARD GRASS. See *Dactylis glomerata*.

PHALARIS ARUNDINACEA (Reed Canary Grass). A very hardy perennial, preferring stiff, wet land, but also doing fairly well in dry, sandy soils. It grows well in ditches and by riversides, where its strong, creeping rootstocks render it valuable for binding the banks. Its seed also affords food for trout and wild fowl. When young it may be cut for green forage for cattle, but in its more matured state it is too coarse for this purpose. One of the very few grasses that will live on overflowed land. (30 lbs. to the bushel.) Per lb., 80 cts.; 5 lbs., \$3.75.

PANICUM GERMANICUM (Hungarian Grass). One of the most valuable annual soiling plants. It grows on any ordinary soil; withstands drought well. As it is of very rapid growth, being ready for cutting within sixty days, it may be sown in this latitude as late as the middle of July for hay, or the middle of August for green fodder. It should be cut before blooming. Sow 1 to 1½ bushels to the acre. (50 lbs. to the bushel.) Price: See Millets.

PHLEUM PRATENSE (Timothy). A native of Europe, but long ago naturalized in America, where it ranks as by far the most important of hay grasses. Its popular name, by which it is now known the world over, refers to Timothy Hanson, who did most to make it known and appreciated. On moist, loamy or clayey soil it produces a larger hay crop than any other grass. It is not so well suited for light, sandy soils. Though preferring a moist, temperate climate, it withstands drought and extreme heat and cold. Its hay is very nourishing and can be preserved for a long time. It should be cut when flowering, as, if left later, the hay becomes hard and coarse. It is often sown along with Red Clover, and the nutritive value of the hay is greatly increased by this mixture. Height, 2 to 3 feet. If sown alone, at least one-half bushel to the acre should be used. The seed weighs 45 lbs. to the bushel. Several grades are always on the market, differing in purity and vitality. It is always most economical to buy the highest grade. Lilly's Best, 10 lbs., sealed bags, 75c; 100 lbs., sealed bags, \$7.00.

Prices on other grades will be quoted on request.

POA COMPRESSA (Canada Blue Grass). A very hardy perennial grass, with creeping rootstalks, forming a close and durable turf of fine texture. It grows on the poorest and driest soils, sandy, gravelly or clayey, standing extremes of wetness or drought, and keeping green till the severe frosts of winter. It is said to be especially valuable for dairy pastures, cows feeding on it yielding the richest milk and finest butter. It is distinguished from the Kentucky Blue Grass by its flattened, wiry stems and by its decidedly bluer color. Height, 6 to 18 inches. (14 lbs. to the bushel.) 3 bushels to the acre. Per lb., 15 cts.; 100 lbs., \$10.

POA PRATENSIS (Kentucky Blue Grass, June Grass). One of our most widely distributed and valuable native grasses. It combines more points of excellence than any other sort. It is a true perennial, lasting indefinitely and improving every year. Its densely creeping rootstalks, spreading habit, and smooth, even growth, fine texture and rich green color render it one of the very best grasses for lawns. It forms a close turf, starts very early in the spring, and lasts till frost. It succeeds in almost any soil, dry rocky, sandy or gravelly, and stands long-continued dry weather and hot suns. It takes, however, two or three years to become well established, and should, therefore, be sown only in connection with other grasses. If the soil is specially suitable it will eventually crowd these out, and make it the finest possible sward. It is one of our most valuable pasture grasses, very productive and nutritious. Height, 9 to 18 inches. (14 lbs. to the bushel.) 3 bushels to the acre. Per lb., 20 cts.; 100 lbs., \$17.00.

POA TRIVIALIS (Rough-Stalked Meadow Grass). A spreading, thickly matting, stoloniferous-rooted species, forming a fine turf, and well adapted for the more shaded portions of lawns. It thrives on rich, moist soil and in sheltered situations, but does not do well on dry land. It is very valuable for forming bottom grass in mixtures for permanent pastures. Height, 1 to 3 feet. 20 lbs. to the acre. Per lb., 45 cts.; 100 lbs., \$40.

Red Top. See *Agrostis vulgaris*.

RESCUE GRASS. See *Bromus Schraderi*.

RYE GRASS. See *Lolium Italicum* and *Lolium perenne*.

SWEET VERNAL GRASS. See *Anthoxanthum odoratum*.

TIMOTHY. See *Phleum pratense*.

It will pay you to read **THE FARMER'S CYCLOPEDIA OF AGRICULTURE.** See Page 110

Millets

PEARL MILLET or **PENCILARIA.** Valuable in the southern states, but of little use in the Northwest. Per lb., 15c.; 100 lbs., \$16.00.

GERMAN MILLET. The most useful of all the Millet family. We have our seed stock especially grown for us and can recommend it as being strictly first class. Per lb., 10c.; 100 lbs., \$4.00.

JAPANESE MILLET. Called by some "Billion Dollar Grass" or Barn Yard Millet. Grows to a height of 6 to 8 feet and yields 12 to 20 tons per acre. It may be siloed, fed green or cured for hay; is a rank grower. Adapted only to that section east of the Cascade mountains. Per lb., 15c.; 100 lbs., \$3.00.

HUNGARIAN. A well known and popular variety. Per lb., 10c.; 100 lbs., \$5.00.

SIBERIAN. This is a comparatively new variety from Russia and it is said to be ahead of either German or Hungarian Millet for earliness. Per lb., 10c.; 100 lbs., \$4.00.

IF GRASS SEEDS ARE TO BE SENT BY MAIL ADD 8c PER LB. TO ABOVE PRICES.

Clovers

Subject to change of price. Prices given on this page are those ruling at time catalog is printed. We will be glad to quote price on clovers on request or if you send us your order will fill at market price the day order is received.

ALFALFA, or LUCERNE (*Medicago sativa*). See page 42 for description.
LILLY'S BEST ALFALFA, 10 lb. sealed bags, \$1.75; 100 lb. sealed bags, \$17.00. Price on other grades furnished on request.

TURKESTAN ALFALFA. Imported from Turkestan. It is hardier and more productive than the ordinary variety; and also withstands drought much better. In buying Turkestan Alfalfa one should be careful to get the genuine seed as it is very similar to ordinary alfalfa but can be distinguished by close observation, as the seed is a trifle smaller and has a dusty, dull appearance. Per lb., 25c.; 100 lbs., \$20.

DRY LAND ALFALFA. This is a name given by the late R. C. Judson to the seed of the common Alfalfa when grown on land not irrigated. As a very large percentage of the Alfalfa seed raised in the West is grown on land that is not irrigated we are able to supply the so-called Dry Land Alfalfa at about the same price as the regular stock. Write for market price.

ALSIKE, or HYBRID CLOVER (*Trifolium hybridum*). A perennial 1 to 3 feet high, succeeding best in cold and stiff soils, and in marshy lands which are too wet for other species. It grows well in the far north and in high altitudes, and can withstand severe cold. It is a good honey plant for bees. 15 lbs. to the acre. Per lb., 20 c.; 100 lbs., \$18.00.

BOKHARA CLOVER (*Mellilotus alba*). A most valuable sort for soiling. It grows from 3 to 5 feet high, and if sown in rich soil may be cut three times; lasts two years or more if cut before flowering; good for ensilage and bees. 15 lbs. to the acre. Per lb., 25 cts.; 100 lbs., \$20.

CRIMSON, or SCARLET CLOVER (*Trifolium incarnatum*). Erect annual, 1 to 2 feet high, with bright scarlet flowers. It is a native of southern Europe, and is now largely grown in our southern states for improving the soil by turning under. In California it is sown in the autumn for winter and early spring forage. It will not stand severe frost, and cannot be depended upon to stand the winter in eastern Washington and Oregon. It makes a very valuable crop for soiling, pasturage or green manure. For hay it should be cut when in full bloom. Sow 20 lbs. to the acre. Per lb., 15c.; 100 lbs., \$10.00.

JAPAN CLOVER (*Lespedeza striata*). A perennial growing about 12 inches high; valuable only in southern localities, where it thrives in any soil and in the driest season; it makes a fair hay, and stock eat it readily when green. It is also valuable for turning under as green manure. Sow in spring broadcast at the rate of 30 lbs. to the acre. Per lb., 30 cts.; 100 lbs., \$24.00

RED CLOVER, MEDIUM (*Trifolium pratense*). One of the most valuable farm crops of the eastern states for pasture, soiling, hay, or for turning under for green manure. It requires a deep, rich soil, and yields two hay crops in the season. In this section it should be sown in the spring at the rate of 15 lbs. to the acre. See also page 42.

LILLY'S BEST RED CLOVER, 10 lb. sealed bags, \$1.75; 100 lb. sealed bags, \$17.00. Prices on other grades sent on request.

MAMMOTH RED, or PEA VINE CLOVER (*English Cow Grass*). Grows much larger and lasts longer than the common Red Clover; most valuable for plowing under. 10 lbs. to the acre. Write for price.

WHITE CLOVER (*Trifolium repens*). Some White Clover is usually included in lawn grass mixtures. It makes an excellent turf that stands trampling. It is of dwarf habit, the stems creeping and rooting at the joints. It spreads rapidly, and is very hardy, resisting extremes of heat and cold, dryness and humidity. It is valuable in permanent pastures, its forage being sweet and nutritious. Sow in the spring. In mixtures, 1 or 2 lbs.; if alone, 8 or 10 lbs. to the acre. Lilly's Best White Clover for lawn, guaranteed. Per lb., 35 cts.; 100 lbs., \$27. We also carry other grades suitable for pasture and will send samples and prices on request.

YELLOW SUCKLING CLOVER (*Trifolium filiforme*). Native of northern Europe. Prefers sandy clay soils; valuable for sheep pastures; recommended in grass mixtures for wet, sandy meadows. Per lb., 35c.; 100 lbs., \$30.

YELLOW TREFOIL (*Medicago lupulina*). An annual or biennial suitable for pasture in wet meadows or for stiff, clayey soils which are too poor for Red Clover. It is very useful in some sections of the country, and is sometimes used for hay. 15 lbs. to the acre. Per lb., 20 cts.; 100 lbs., \$12.

IF CLOVER IS TO BE SENT BY MAIL ADD 8c PER LB. TO COVER POSTAGE.

Fruit Tree Seeds

	Per oz.	Lb.	100 lbs		Per oz.	Lb.	100 lbs
Apple Seed, American	\$0	30		Pear Seed, French	\$0	20	\$1 50
Apricot Pits	20		\$15 00	" " Japan	40		4 00
Cherry Pits, Mahaleb	35			Plum Pits, Green Gage	20		\$15 00
" " Black Mazzardé	25			" " Damson, grafting	25		18 00
" " Domestic	20		15 00	" " Myrobalan	30		25 00
Currants, Red Dutch	\$0	20	2 00	" " Domestic	20		15 00
" " White Dutch	20		2 00	Quince Seed	20		2 00
" " Black	30		2 00	Raspberry Seed	20		2 00
Gooseberry, Mixed, pkt.	10c.	80		Strawberry, Mixed, pkt.	10c	80	
Each Pits (natural pits)				" " Red Alpine, pkt.	10c	1 50	
qt., 20c; bushel, \$4.				Wineberry Seed	20		15 00

BEE KEEPERS Send for our Catalog of Bee Supplies. Most complete on the Coast.

SEED GRAIN

PRICES			
Do Not		Include Postage.	
Wt.	Lb.	10 lb.	100 lb.
per bu			

ONLY CHOICE RE-CLEANED GRAIN SOLD BY US. Send for samples. Prices always subject to Market Fluctuations.
 We handle annually hundreds of carloads of Wheat, Barley, Oats, and other Grains, and as these pass through our warehouse the very choicest are saved out for seed. This is then run through our latest improved cleaning machinery. We can, therefore, offer you Seed Grain that is absolutely free from foul seed, of high germination and from which all light and undeveloped seed has been screened or blown out. We make our price as low as we possibly can for the grade of seed offered and prices are therefore subject to change, according to market quotations. Prices on ton lots will be quoted on request.

OATS—

Eldorado King— See special description 32
American Banner. One of the popular varieties of oats in the Northwest. Stands up well in wet weather and has a short kernel, plump and light yellow in color..... 32 2.00
Black Alaska— See special description 32
Lincoln—A popular Oat a few years back, being early and a good yielder. Not inclined to lodge..... 32 2.25
Mortgage Lifter—Claimed by some to do exceedingly well for the Northwest. However, we find that the Eldorado King and Black Alaska are superior..... 32 2.25
Oregon Winter—A good variety adapted to the Northwest. The grain is short and plump, and the hull thin, making it a good milling oat. 32 2.25

WHEAT—

Hard Spring Wheat—This is especially selected and has proven superior to the sorts generally planted. It is semi-hard, very early, of remarkably good quality and a big yielder. Put up in 125 lb. bags. If wanted in ton lots write for prices..... 48 .05 .30 2.00
Pedigree Blue Stem—A Wheat that will always give the utmost satisfaction. There is no other Wheat that will equal this in quantity and certainty of yield. Put up in 125 lb. bags..... 48 .05 .30 2.00
Macaroni Wheat—This has steadily been growing in popularity the last few years, especially in the Northwest. It is exceedingly hard; will do well with less rainfall than any other, and is a very strong Wheat, and is the only variety used by macaroni manufacturers. Put up in 125 lb. bags..... 48 .10 .70 2.80
Corn Wheat— See special description 48 .10 .75 5.00

RYE—

Spring Rye—A valuable grain as a catch crop, especially with Vetches or Field Peas. We wish to call your attention to the seed we are offering. It is free from any foreign seeds, plump, and every kernel will grow..... 56 .05 .30 2.00
Winter Rye—A good stock of re-cleaned seed, plump and full. Most seedsmen pay but little attention to seed grain and especially Rye. They send out whatever they can first get hold of. We have gone to great expense to fit up our cleaning machinery, and now we offer you seed that is far cheaper in the end than common stock... 56 .05 .30 2.00
Speltz or Emmer— See special description

BARLEY—

White Hullless Barley—To the farmer of the Northwest what Corn is to the farmer of the Middle States. (See special description, Put up in 125 lb. bags..... 48 .05 .30 2.00
Beardless Barley—Very early and free from beards; an excellent grain for Hay, producing a crop that will give the greatest feeding value; for work horses there is no other Hay that will touch Barley, its only objection being the beards, and now with Beardless Barley this is overcome. The grain is somewhat disappointing in looks, not being as plump as Common Barley. Put up in 125 lb. bags.... 48 .05 .30 2.00
Fall Barley—Specially selected and re-cleaned for seed. Will be glad to forward samples on request. Put up in 125 lb. bags. If wanted in ton lots write for price..... 48 .05 .30 2.00
Hanna Two-Rowed—A popular Barley, with heads of great length, curving slightly when matured; the grains are large and plump. It yields enormously. Guy McL. Richards, manager of the famous Beachview Farm at Oak Harbor, says the Hanna Two-Rowed Barley outyielded the other Barleys 25 per cent. The grain was large and plump, the beards soft and the sacks weighed 130 lbs. to 140 lbs. each. In the future Mr. Richards will plant no other variety of Barley. 48 .05 .30 2.00

**.. TO OUR ..
 CUSTOMERS**

Our Seed Grain is all put up in bags and prices for 100 lbs. are based on bag lots. On all Seed Grain when less than bag lots are ordered add one cent (1c.) per pound. Prices on Farm Seeds are subject to change. We send full value at market price the day the order is received.

Forage Plants

PRICES DO NOT INCLUDE POSTAGE

AUSTRALIAN SALT-BUSH (*Atriplex semibacatum*). A valuable forage plant. Experiments show that it thrives in soils on which nothing else will grow, and it is recommended highly for alkali soils and all regions subject to periodical drought. It is very nutritious, and good for all kinds of live stock. One pound of seed is sufficient for an acre. The soil should be well plowed and harrowed. The seed may be sown in garden bed and the seedlings planted out when 2 inches high, 7 or 8 feet apart. Per oz., 15 cts.; per lb., \$1.25. Special quotations for large quantities.

BEANS—Common English Horse Bean. Per lb., 10 cts.; 100 lbs., \$4.00.

SOJA BEAN. The haulm is stiff, and the pods are produced in clusters of from two to five, and contain each four smooth, oval, nankeen-colored seeds. Thrives well in hot and dry weather; very valuable for the south, for either man or beast. Is planted at the rate of $\frac{1}{2}$ bushel to the acre, in drills $2\frac{1}{2}$ to 3 feet apart, and cultivated same as Indian Corn. It does not make very good hay, but is good as ensilage or green fodder. Per lb., 20 cts.

BROOM COBN (12 quarts to the acre). Broom Corn succeeds in a good, deep soil, fresh but not damp; it is very sensitive to cold. **California Golden Long-Brush.** Grows from 12 to 14 feet high. Per lb., 25 cts.; 100 lbs., \$7.00. **Evergreen.** Lb., 15c.; 100 lbs., \$7.00.

BUCKWHEAT—Silver Hull. A very good and popular variety. Grain is of a light gray color, rounder than the common; has a thin husk; matures earlier and yields heavy. A good milling variety. Per lb., 5 cts.; 100 lbs., \$3.00.

Japanese. This variety excels all others; yield much heavier; ripens one week to ten days earlier; stands up better and makes better flour. Excellent for bee pasture. Per lb., 5 cts.; 100 lbs., \$4.00.

COW PEAS (*Vigna Catjang*). Specially adapted to warm countries; extensively grown in our southern states; also valuable in this latitude as a fodder plant; their chief value, however, is as a green crop to plow under. They require a deep, rich, sandy soil for best results. The seed should not be sown till the ground has become well warmed. $\frac{1}{2}$ to 1 bushel to the acre, in drills; 2 to $2\frac{1}{2}$ bushels to the acre is sown broadcast. **Clay,** per lb., 10 cts.; 100 lbs., 85c.; 100 lbs., \$7.00. **Whip-poor-will.** Per lb., 10c; 10 lbs., 90c.; 100 lbs., \$7.50.

ESPARSETTE. See *Onobrychis sativa*.

FENUGREEK. Annual. The seed is often sought by hostlers to give a temporary fire and vigor to their horses. It is frequently given to oxen and pigs when fattening, causing them to drink and digest their food. Considered to be good for soiling when green. Per oz., 10 cts.; lb., 25 cts.

FLAX SEED. $1\frac{1}{2}$ bushels to acre. Price variable.

KAFIR CORN. See Sorghum.

LATHYRUS sylvestris (*Flat Pea*). A perennial forage plant. The vines when cut dry out readily and make a nutritious hay, which is relished by cattle and horses. Grows well on very poor, unimproved, sandy soil, can withstand severe frosts, and roots so deeply that it is not injured by severe drought. Valuable for plowing under in a green state as a soil renovator to supply nitrogen to poor soils. It is recommended to sow seeds in a small garden bed and transplant to the field when the plants are of suitable size. Per oz., 10 cts., lb., 90 cts.

LENTILS (*Ervum lens*). Succeed best in dry, sandy soil. A leguminous annual, the seeds of which are valuable for pigeons, and are largely used for soups. Per lb., 15 cts.

LUPINS—Yellow. Succeeds well in the poorest soil, and is exceedingly valuable for plowing in to improve sandy soils. It makes good forage either green or as hay. The seeds are very fattening when used with hay. Sow in the spring when the ground has become warm, at rate of 90 pounds to the acre. Per lb., 20 cts.; 100 lbs., \$7.50.

MILLO MAIZE. See Sorghum, Branching.

ONOBRYCHIS sativa (*Sainfoin, French; Esparsette, German*). A perennial leguminous plant, belonging to the same family as Clover and Lucerne. It is a valuable plant for growing on barren hillsides. When once well established it lasts for many years. Sow in spring, covering the seeds quite deeply, at rate of 80 lbs. or 100 lbs. to the acre. Per lb., 15 cts.; 100 lbs., \$9.00.

PEARL MILLET. See Millets.

PEAS—Canadian Field. Valuable for Pacific Coast, for cattle feeding, especially for milch cows. It also makes fine ensilage. It is sown broadcast in the spring and harrowed in. If sown with oats, about 1 bushel to the acre. Price variable; about \$2.50 per 100 lbs. See also Cow Peas.

BLUE SCOTCH PEAS. This is the best and heaviest yielding of all the field peas; produces a long straw and a very heavy yield of peas; is early and matures evenly; sown with rye or oats, it makes an excellent hay or green fodder crop, and for that section west of the Coast Range is undoubtedly one of our most valuable crops. 100 lbs., \$3.00; less than 100 lbs., $3\frac{1}{2}$ cts. lb.

POPPY—Opium. The seed furnishes an agreeable sweet oil, used for the table, for painting and for illuminating. May be sown in spring either broadcast or in drills, covering thinly. Also cultivated for opium. Per oz., 20 cts.; per lb., 90 cts.

RAPE. See page 46.

REAMA luxurians (*Teosinte*). A valuable fodder plant from Central America, in growth resembling Indian corn. Well adapted to our southern states. Per oz., 15c; lb., 70c.

SAINFOIN. See *Onobrychis*.

SALT BUSH. See Australian Salt Bush.

SERADELLA. A valuable forage plant, admitting of one, and sometimes two cuttings, in one season. It succeeds well in a dry, sandy soil, and furnishes a good pasture for sheep. It may also be cured for hay. Can be sown with winter rye. About 50 lbs. to acre. Per lb., 20 cts.; 100 lbs., \$8.50.

SPURRY (*Spergula arvensis*). Annual. Grows well on poor, dry, sandy soils, may be sown every month from March to August. Excellent pasture for cattle and sheep; also, as a fertilizer for light soil. 15 lbs. to the acre. Per lb., 20c; 100 lbs., \$8.50.

(Continued to page 46)

FOR INDEX SEE LAST PAGE OF CATALOG

FLOWER SEEDS

Complete list of the Best and Choicest Varieties
adapted to the Pacific Northwest. ❀ ❀ ❀

Our Flower Seed List is made up to meet the especial requirements of the Northwest. We have made selections of flowers that do well in our section, leaving out a multitude of varieties that only cause confusion to the buyer. With the exception of Sweet Peas and one or two other varieties, all of our Flower Seeds are bought from the best grower in Germany. They are put up in Sealed Packages, and in each package are full directions for growing.

For the successful growing of flowers it is very important that the soil be in good condition. The most satisfactory method is to sow the seed first in a shallow box or pot that has been filled with a rich sandy loam. Care should be taken not to plant the seed too deeply—the finer the seed the less covering they will stand. Many of the hardier plants, such as Sweet Peas, Poppies, Nasturtiums, etc., can be sown to better advantage outdoors in the beds where they are to be permanently grown.

The few illustrations we are able to present in these pages fall far short of doing justice to the beauty of the varieties listed. The flowers must be seen to appreciate their profusion of growth and great beauty. Our Flower Seeds are carefully selected for us and we can assure our customers that they will prove satisfactory in every way when cultural directions are followed and the proper care is given them.

During the season of 1905 we tested at our Brighton Beach place every variety of Flower Seeds listed in the following pages, and we were more than pleased with the results. We found our customers had the same experience.

To those who have met with disappointments in growing flowers we would say: "Try our Choice Imported Flower Seeds one year, and you will have a garden the envy of your neighbors."

In the following pages a number will be found for each variety or mixture. Please mention the number when you order. This will insure your getting exactly the variety you order.

PLEASE MENTION NUMBER OF PACKET WHEN ORDERING.

ADLUMIA. (Mountain Fringe). A delightful climbing biennial, growing to a height of about 15 feet; blooming in midsummer. No. 219, Pkt., 10c.

ADONIS. A hardy perennial, producing bright, attractive flowers, growing to a height of about 18 inches. No. 220, pkt., 5c.

AGERATUM. Feathered annual, bearing flowers of exquisite and unusual blue shades. Used for bedding and for borders. It may be used in combination with many other flowers, lending themselves very readily in a general pleasing effect. No. 101, mixed, pkt., 5c.; No. 439, Little Dorrit, pkt., 10c.; No. 411, Imperial Dwarf, pkt., 5c.

ALYSSUM. Most beautiful and satisfactory flower; does well in the moist climate of Western Washington. No. 2, pkt., 5c. (See also Flowering Plants.)

AMARANTUS. Very strong growing and a highly ornamental plant, chiefly for its highly colored foliage. It is an annual and of rapid growth and easy culture. No. 270, Caudatus (Love Lads Bleeding), pkt., 5c.; No. 102, Tri-Color (Joseph's Coat), pkt., 5c.

ANTIRRHINUM. (Snap Dragon.) Very showy, hardy annual; a plant easy to grow, and very popular in the Willamette Valley and in the Sound, as it will stand out one winter and give lots of bloom the next season. No. 4, Tall Varieties, mixed, pkt., 5c.; No. 104, Tom Thumb varieties, mixed, pkt., 5c. (See also Flowering Plants.)

AQUILEGIA. (Columbine). Thrives well with ordinary culture, but is quite at home under the spray of a fountain or other moist location. Plants are hardy in any section and form large clumps one or two feet in diameter. Seeds may be sown in the open ground. No. 5, Tall Mixed varieties, pkt., 5c.

ARCTOTIS GRANDIS. (African Daisy). This tropical plant is easy to grow and always in

bloom in bright sunshine, closing in shadow, and not injured by light fall frost. The large round buds appear close to the earth at first, but soon rise on stout stems, with drooping purple buds opening in shining white flowers with blue center. The plants remind you of the dusty miller; grow easily and rapidly if given liberal treatment. No. 601, pkt., 10c.

ASTERS. A very hardy annual of easy culture and one of the most popular plants in the garden. Sown in the open ground in May, it can be transplanted and will bloom in September and October. If flowers are wanted in July and August, sow during March or April in cold frame.

No. 6, Dwarf Chrysanthemum Flowered, 10 or 12 inches high; flowers large and double. Pkt., 10c.

No. 109, Victoria; have from 10 to 20 fine flowers in a pyramid about 18 inches high; best for park culture. Pkt., 10c.

No. 322, Giant Comet. The most artistic flowered of all the Asters, producing blooms of extraordinary size and beauty. Pkt., 10c.

No. 113, Crown or Cocardeau, 18 inches high. Blooms with white centers surrounded with various bright colors. Pkt., 10c.

No. 8, Truffaut's Paeony-flowered Perfection; a handsome Aster that grows 18 inches tall; remarkable for its brilliant colors. Pkt., 10c.

No. 393, Ball or Jewel; flowers are long-stemmed, round and especially desirable for cutting or bunching; dwarf and free-flowering. Pkt., 10c.

BALSAM. (Lady's Slipper). A favorite garden flower, producing brilliant colored double blossoms; tender annual, two feet. No. 141, choice mixed varieties. Pkt., 10c.

CALENDULA. (Pot Marigold). Hardy annuals about a foot high. May be sown in the open ground early in the spring; strongly attractive in beds, borders and backgrounds. No. 117, pkt., 5c.

FULL CULTURAL DIRECTIONS IN EACH PACKET.
FOR INDEX SEE LAST PAGE OF CATALOG

PLEASE MENTION NUMBER OF PACKET WHEN ORDERING.

CALLIOPSIS. (Coreopsis). One of the most satisfactory yellow flowers in the garden; tall slender habit, growing to a height of two feet. Fine for cutting. No. 116, Mixed annuals, **pkt., 5c.**

CAMPANULA. (Canterbury Bells.) One of the most brilliant and satisfactory of outdoor plants; will do exceedingly well on the west coast. Being biennials, they should be sown early and will produce flower the next summer. No. 15, Single mixed varieties, **pkt., 5c.** (See also Flowering Plants.)

CANARY BIRD FLOWER.

A beautiful, rapidly growing annual of the Nasturtium family, producing pretty fringed yellow flowers; grows to a height of 15 feet. No. 148, **pkt., 5c.**

CANDYTUFT. One of the highly prized garden annuals. The improved sorts bear only a resemblance to the old style. The seeds should be sown where the plants are to bloom. The best effect is produced by planting in masses; thin out so that plants will have plenty of room. They require rich soil and should be kept well watered. No. 39, **White Rocket, pkt., 5c.**

CALAMPELIS. A beautiful annual climber, highly ornamental; bright rich orange flowers. No. 181, **pkt., 5c.**

CANNAS. (Indian Shot). Are perennials but will bloom the first year if seed be sown early, growing to about 4 feet in height and very brilliant colored flowers. No. 118, Mixed varieties, **pkt., 5c.** No. 452, Crozy's, Fine Mixed, **pkt., 10c.**

CARNATIONS. (Dianthus). A very interesting and beautiful plant of easy culture. Should be sown under glass in the early spring. (See also Flowering Plants.)

No. 16, Double Mixed varieties.....**Pkt., 10c**
 No. 419, Choice Double Mixed Seed, best flowers.....**Pkt., 25c**
 No. 162, Giant Perpetual.....**Pkt., 25c**
 No. 402, White Margaret.....**Pkt., 10c.**
 No. 284, Margaret Mixed varieties.....**Pkt., 10c.**

COXCOMB. (Celosia). An odd and picturesque plant. Bright red and crimson flowers. Hardy annuals; make a brilliant showing from midsummer until frost. No. 17, Dwarf varieties, **pkt., 5c.** No. 119, Large flowered feathered varieties, **pkt., 5c.**

CORNFLOWER. (Centaurea). Bright flowered plants, very hardy and easy to grow. One of the most attractive and graceful of all old-fashioned flowers. No. 225, fine mixed, **pkt., 5c.**

CHRYSANTHEMUMS. Bloom freely from early summer until frost, making a splendid showing. One of the most popular and beautiful of all garden flowers. (See also Flowering Plants.)

No. 18, Choice mixed annual varieties. **Pkt., 5c.**
 No. 329, Choice Mixed Japanese varieties, perennial, large flowering. **Pkt., 10c.**

CINERARIA. One of the most ornamental and useful of greenhouse plants. No. 19, Single varieties, mixed. **Pkt., 25c.**

CLARKIA. Charming annuals; bloom freely and have flowers of many colors; natives of the Pacific Coast and do

exceedingly well in this section. No. 21, Mixed varieties, **pkt., 5c.**

COBAEA SCANDENS. A rapid growing climber, making a growth of about 20 feet during the season. No. 120, **pkt., 5c.**

COSMOS. Does especially well on the Pacific Coast, making a growth of from 3 to 4 feet; produces quantities of beautiful flowers and has very dainty foliage; should be planted in masses. The seed we offer will produce plants that commence blooming in June and continue until late fall. No. 282, **pkt., 5c.**

DELPHINIUM. (Larkspur). Produces large quantities of beautiful large flowers the first season. Very effective in borders with other tall plants, or in beds or masses. Should be placed in very rich soil. (For Delphinium Formosum see Flowering Plants.) No. 208, choice mixed colors, **pkt., 5c.** No. 171, Tall German, mixed, **pkt., 5c.**

DAISIES. (Bellis Perennis). Very popular and easily grown flower; may be sown in the open ground early in May. (See also Flowering Plants.) No. 13, **pkt., 10c.**

SHASTA DAISY. A most remarkable new flower originated by Luther Burbank, of California; bears flowers of the snowiest white, with yellow centers; blooms the first season and should be sown early in boxes and transplanted. (See also Flowering Plants.) No. 1001, **pkt., 5c.**

ESCHSCHOLTZIA. (California Poppy). State Flower of California; an annual of rich rare tints of yellow and orange. About a foot in height, beautiful foliage and large poppy-like flowers.

No. 602, **pkt., 5c.**
 No. 192, True California Poppy. Bright yellow. **Pkt., 5c.**
 No. 167, Creamy White. **Pkt., 5c.**
 No. 382, Carmine. **Pkt., 5c.**
 No. 168, Mixed. **Pkt., 5c.**

FOUR O'CLOCK. (Mirabilis). Is also called Marvel of Peru. A handsome free-flowering, sweet scented plant. They open their blossoms about 4 o'clock in the afternoon, hence their name. Hardy annuals.

No. 51, Choice Mixed varieties, **pkt., 5c.**

FORGET-ME-NOT. (Myosotis). A modest little flower, to friendship ever dear. (See also Flowering Plants.) No. 53, a pretty trailer with blue flowers, **pkt., 5c.** No. 310, Victoria dwarf, bushy variety, **pkt., 10c.**

FOXGLOVE. (Digitalis). One of the most striking flowers—tall, stately and handsome, producing a mass of bloom; of easy culture. No. 165, Purple flower, **pkt., 5c.**

GAILLARDIA. A showy and free blooming annual; fine for beds. (See also Flowering Plants.) No. 444, Mixed colors, **pkt., 5c.**

GODETIA. Profuse and constant blooming annuals of dwarf growth; flowers are delicate tints of crimson, rose and

PLEASE MENTION NUMBER OF PACKET WHEN ORDERING.

white. May be sown in the open. No. 125, Mixed colors, pkt., 5c.

GOURDS. Prized for their rapid growth and their oddly-shaped and highly-colored fruits. They are very useful for covering arbors, old fences, stumps, etc. No. 476, Mixed varieties, pkt., 5c.

GYPSOPHILA. Very graceful and easily cultivated; flower the first season. No. 376, Mixed, pkt., 5c.

HELIOTROPE. One of the finest for cutting, as the delicious fragrance of all the varieties is very durable. For the same reason they make excellent house plants. Sow early in the spring. (See also Flowering Plants.) No. 127, Choice mixed, pkt., 10c.

HOLLYHOCKS. These fine, old-fashioned perennials are most striking when planted in groups or long rows; their variety of color is wonderful. When plants are once obtained they last for several seasons. (See also Flowering Plants.) No. 37, mixed colors, pkt., 10c.

JAPANESE HOP. An annual climber, making a rapid growth and producing an abundance of beautiful foliage. Seed sown in open ground will produce large plants in a short time; will grow almost anywhere. No. 412, Common

variety, pkt., 5c. No. 413, Variegated-leaved, Pkt., 10c.

LINUM. (Flowering Flax). A very showy annual; brilliant crimson flowers. No. 243, pkt., 5c.

LOBELIA. A charming flower for beds, edgings, baskets and pots; generous bloomers and of easy cultivation; also excellent for indoor culture. (See also Flowering Plants.)

No. 196, Crystal Palace.....Pkt., 5c.

No. 195, Emperor William.....Pkt., 10c.

No. 304, Gracilis; beautiful for baskets Pkt., 5c.

No. 131, Cardinalis, brilliant scarlet.Pkt., 15c.

LUPINUS. Very ornamental; free-flowering annual. Beautiful light blue flowers. No. 46, Annual sorts mixed, pkt., 5c.

LYCHNIS. Brilliantly colored border plants. No. 47, Choice mixed, pkt., 5c.

MARIGOLD An improved old-fashioned flower, always bright and perfectly hardy; they do well all over the Northwest. The three following are sensitive to frost:

No. 409, Tall Double African.....Pkt., 5c.

No. 410, Tall Double French.....Pkt., 5c.

No. 146, Dwarf Double French.....Pkt., 5c.



MORNING GLORIES

The quickest and most luxuriant growing of all garden annuals, producing splendid foliage and blossoming generously with large blooms of lovely color.

No. 23, *Convolvulus Minor*. Dwarf Morning Glories suitable for growing in clumps or beds, not a climber. Choice mixed, Pkt., 5c.

No. 41, *Convolvulus Major*. Tall Morning Glory, making a growth of ten to twelve feet. Mixed, Pkt., 5c.

No. 600, *Imperial Japanese*. Growing to a height of thirty or forty feet and producing flowers of infinite variety in color and shape. Pkt., 10c.

MIGNONETTE. Every garden should have an abundance of Mignonette. The seed may be sown at any time, and if successive sowings are made flowers may be gathered out doors until late in the fall.

No. 420, Parson's White. Pure white, very fragrant, pkt., 5c.

No. 252, Golden Queen. Golden yellow blossoms; very large, pkt., 5c.

No. 139, Reseda Odorata. One of the most fragrant, pkt., 5c.

MIMULUS. Showy, musk-scented and free flowering; hardy annuals. No. 49, *Mimulus moschatus*. Musk plant. Pkt., 5c. No. 50, *Mimulus tigrinus*.

Monkey-flower. Spotted varieties, mixed. Pkt., 5c.

MINA LOBATA. Annual climbers; free and generous bloomers. No. 384, pkt., 10c.

NEMOPHILA. Pretty annuals of easy growth, good for pots or edgings. No. 54, Mixed varieties, pkt., 5c.

NICOTIANA. (Flowering Tobacco). No. 247. Affinis. Pure white flowers; fragrant, very showy and of easy culture. Pkt., 5c. No. 447, *Sylvestris*. Four feet high. Pkt., 5c.

NIGELLA. (Devil-in-a-Bush). Compact, free-flowering plant, with finely cut foliage and curious looking flowers, with seeds; one foot high. No. 248, pkt., 5c.

FULL CULTURAL DIRECTIONS IN EACH PACKET.

ROYAL MIXED NASTURTIUMS

*A Profusion
of
Beautiful
Flowers*

*Royal
Climbers*

*Choice
Mix-
tures at
Very Special Prices*



**Choicest of Tall and Dwarf
Varieties**

This old and always popular flower has been highly developed within the past few years. On the west coast we can suggest nothing else that will give the same amount of satisfaction as a border or bed of the Dwarf Nasturtiums and a trellis or wall covered with the climbers. They are also among the easiest of all flowers to cultivate.

Our Royal Mixture is selected from varieties noted for their brilliancy in coloring. It contains the brightest crimson, the deepest black, the most brilliant scarlets, beautiful yellows, and orange and blotched varieties. Our many customers who have tried this mixture are enthusiastic over it. You should be sure to have a liberal quantity, as there is nothing that will give you more satisfaction, and it is invaluable for covering fences, stumps, etc.,

PRICES

Royal Dwarf Mixed, No. 87, Pkt., 5c.; oz., 10c.; lb., \$1.

Royal Tall Mixed, No. 262, Pkt., 5c.; oz., 10c.; ¼ lb., 30c.; lb., 75c.

Dwarf Crimson, No. 318, Pkt., 5c.

Dwarf Scarlet, No. 263, Pkt., 5c.

Empress of India, No. 264, Pkt., 5c.

TO THE LADIES: For an order of one dollar's worth of any kind of seed in this catalog we will send a 25c packet of Golden Gate Hollyhocks. These are not for sale, but we send them as an appreciation of our lady customers' trade. The Hollyhocks are sent in addition to other premiums mentioned.

PLEASE MENTION NUMBER OF PACKET WHEN ORDERING.

PANSIES.

Always a favorite with most people and one that gives a greater wealth of bloom than any others. (See Flowering Plants.)

No. 91, Large Flowering, blotched; an excellent strain, producing showy blossoms. Pkt., 25c.

No. 177, Cassier's Large Blotched, producing the largest flowers of any of the blotched Pansies. Pkt., 25c.

No. 90, Large Flowering French—beautiful mixed colors. Pkt., 5c.

No. 92, Timaradeau. Large flowering, some blossoms measuring three inches or over. Pkt., 10c.

No. 95, Snowflake. Almost pure white in color. Pkt., 10c.

No. 94, Lord Beaconsfield. Deep purple violet. Pkt., 10c.

No. 96, White, with black center. Pkt., 10c.

No. 203, Kaiser William. Large flower, ultramarine. Pkt., 10c.

No. 178, Faust, or King of the Blacks. Very large and dark. Pkt., 10c.

No. 179, Gold-margined. Exceedingly beautiful. Pkt., 5c.

No. 176, Silver-edged. Dark purple with white border. Pkt., 10c.

No. 429, Goldelse. Pure golden-yellow. Pkt., 10c.

No. 89, Finest mixed varieties. Pkt., 5c.

PINKS.

This large family contains some of our most beautiful and best liked flowers, unequaled for color and

fragrance. They are hardy biennials, that bloom the first season. In Western Washington and Oregon they will live outdoors all winter and bloom again next year. No. 122, Heddewigil (Japanese Pinks). Double and very showy; mixed colors, pkt., 5c. No. 123, Diadem Pinks, double mixed colors, pkt., 5c. No. 288, May Pinks, fine for massing, single mixed varieties, pkt., 5c. (See Flowering Plants.)

PHLOX DRUMMONDI.

Few flowers are so easy to grow from seed as Phlox. They produce an infinite variety of shapes and colors, and give a brilliant display at little cost and care; well adapted to the Pacific Northwest. No. 67, finest large flowering varieties mixed, pkt., 5c. No. 336, Star Phloxes, pkt., 10c. No. 249, Perennial Phlox, all colors, mixed, pkt., 10c. (See also Flowering Plants.)

PENTSTEMON GEN- TIANOIDES.

Beautiful herbaceous perennials; very hardy and free flowering. Fine for bedding. No. 60, pkt., 10c.

PETUNIAS.

An annual of easy cultivation. (See also Flowering Plants.) No. 61, Single varieties, mixed, pkt., 5c. No. 66, Double varieties, mixed, pkt., 25c. No. 65, Fringed Double varieties, finest mixed, pkt., 25c.

FULL CULTURAL DIRECTIONS IN EACH PACKET.



Sweet Peas.

THE CHAS. H. LILLY CO.

Superfluous would be a description in detail of this popular flower. No flowering plant gives a greater profusion of blooms in such variety of color and each year brings a larger selection. They can be grown successfully almost anywhere in Oregon, Washington, California, Idaho and British Columbia.

Sweet Peas do best on the Pacific Coast when sown in the fall or early spring and planted in sunny places from four to six inches deep, two or three seeds to the inch. They should be given plenty of fertilizer and water.

All varieties, 5c per packet, 10c per ounce, 25c per 1/4 pound, 60c per pound, one packet each of ten different varieties for 40c. One each of twenty different varieties for 50c. These to be selected by us.

Although we have something over one hundred varieties, in the following list we name only the best of the New and Old varieties, representing all the colors. Among them you will find the most beautiful types of bloom.

Do not hesitate to ask us for any variety not included in this list.

- | | |
|---|---|
| No. | No. |
| 489. Aurora, Orange rose striped on white, hooded form. | 465. Lady Grisel Hamilton, Pale Lavender, hooded form. |
| 357. Boreatton, Purple, very dary, open form. | 466. Lottie Hutchins, Primrose striped with Pink, hooded ford. |
| 365. Black Knight, Darkest Sweet Pea grown, open form. | 427. Mount Blanc, Pure White, open form. |
| 461. Captain of the Blues, bright Blue, shaded. | 462. Mrs. Jos. Chamberlain, White striped with Rose, hooded form. |
| 496. Captivation, Rose Purple, open form. | 469. Mars, Bright Crimson, hooded form. |
| 358. Countess of Radnor, Lavender, hooded form. | 470. Navy Blue, Purple standard, Navy Blue wings, half hooded. |
| 497. Dorothy Tennant, Rosy Mauve, hooded form. | 361. Orange Prince, Orange Pink, open form. |
| 359. Delight, White crested with Crimson, open form. | 471. Othello, Deep Maroon almost black, hooded form. |
| 360. Duchess of Edenburg, Scarlet and Crimson, open form. | 391. Painted Lady, Pink and White, open form. |
| 464. Emily Eckford, Porcelain Blue, open form. | 363. Primrose, Pale Yellow, open form. |
| 475. Gorgeous, Rosy Orange, open form. | 362. Princess May, Rose Lavender, open form. |
| 460. Hon. F. Bouverie, Deep Pink, Hooded form. | 364. Queen of the Isles, Red and White striped, open form. |
| 299. Invincible Scarlet, Red, slightly striped with White, open form. | 472. Royal Robe, Deep Pink, hooded form. |
| 467. Invincible Carmine, Pure Carmine, open form. | 368. Splendor, Coppery Crimson, hooded form. |
| 463. Lady Mary Currie, Orange Pink shaded with Lilac, hooded form. | 473. Salopian, Deep Firy Crimson, hooded form. |
| | 474. Triumph, shaded Pink and White, open form. |
| | 369. Venus, Salmon Buff, hooded form. |

One Packet each of the above 32 varieties sent postpaid for \$1.00.
 One packet each of any 15 of the above varieties sent postpaid for 50c.
 One packet each of any 7 of the above varieties sent postpaid for 25c.

ROYAL MIXTURE OF SWEET PEAS

This mixture is composed of the most select strains and the most delicate colors ranging from pure White to the brightest Reds and the darkest Purples. The Royal Mixture leads them all in beautiful colors, large flowers and quantity of bloom.

Packets, each 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; 1 lb., 75c.

MENTION NUMBER OF PACKETS WHEN ORDERING.

PLEASE MENTION NUMBER OF PACKET WHEN ORDERING.

POPPIES. During recent years many improvements have been made in the Poppy family, and they are now rightly one of the most popular flowers; not easily transplanted. (For California Poppy see *Eschscholzia*.)

No. 57, Carnation Poppy, double mixed. Pkt., 5c.

No. 263, Tulip Poppy, intensely brilliant scarlet flowers; commences blooming early in June and flowers for 6 to 8 weeks. Pkt., 10c.

No. 314, Shirley, single flowers, and best of the single Poppies. Pkt., 5c.

No. 58, Unbrosom, dwarf habit, brilliant vermilion, with black spot on each petal. Pkt., 5c.

No. 55, Peony flowered, fine large double flowers. Pkt., 5c.

No. 341, Iceland Poppy (a perennial), blooming first season from seed. Pkt., 5c.
One packet of each of the above for 25 cents.

PORTULACA. An excellent annual of great brilliancy, especially adapted for edgings, rock work and small or irregular spaces; stands hot, dry weather and in Eastern Washington and Oregon furnishes the garden with the gayest of flowers, at a time of year when it is too hot for many other plants.

No. 69, Large single, mixed varieties. Pkt., 5c.

No. 70, Large double, mixed varieties. Pkt., 5c.

PRIMROSES. (*Primula*). An excellent plant for conservatories or the house; make a healthy, sturdy growth, and produce a large amount of flowers. In many sections of the Sound country and the Willamette Valley they are hardy and may be left out all winter. Our seed is selected from the best giant strains. (See also Flowering Plants.)

No. 71, Chinese Primrose. Choice mixed sorts, single. Pkt., 25c.

No. 72, Chinese Primrose. Choice Double mixed. Pkt., 25c.

No. 74, Japanese Primrose. Choice mixed varieties. Pkt., 10c.

No. 75, Hardy Perennials. Pkt., 10.

PYRETHRUM. Handsome herbaceous plants of easy culture.

No. 76, Golden Feather; beautiful dwarf variety, fine for edging and makes a moss-like tuft. Pkt., 5c. No. 342, Hybridum; large Aster-shaped single flowers, mixed colors. Pkt., 10c.

RICINUS. (Castor Oil Bean). An imposing plant of semi-tropical effect—a half hardy annual. No. 140, choice mixed varieties. Pkt., 5c.

SALPIGLOSIS. An annual plant with large showy, funnel-shaped flowers; very beautiful. No. 406, mixed varieties. Pkt., 5c.

SALVIA. (Flowering Sage). Standard bedding plant that keeps the garden bright with color until late in the fall. No. 142 (Blue Sage), perennial. Pkt., 15c.

SCABIOSA (Mourning Bride). A showy border plant with beautifully variegated flowers. It succeeds well in ordinary garden soil. No. 130, Tall mixed varieties. Pkt., 5c. No. 143, Dwarf mixed varieties. Pkt., 5c.

SCHIZANTHUS. Flowers fringed and delicate colored. Charming garden annual. No. 80, Mixed varieties. Pkt., 5c.

SILENE. (Catch Fly). Bright-colored, free-flowering annuals, suitable for rock work or open border. No. 82, Mixed varieties. Pkt., 5c.

SMILAX. Tender perennial climber; indispensable for decoration. (See Flowering Plants.) No. 374, Select seeds. Pkt., 10c.

STOCKS. One of the most desirable plants, especially for that section north of California and west of the Cascade Mountains. The plants have a neat, trim appearance; fine leaves, beautiful flowers in many colors and of great fragrance. (See Flowering Plants.)

No. 84, Large flowering dwarf, mixed colors. Pkt., 5c.

No. 170, Dwarf German Ten-Weeks, mixed colors. Pkt., 10c.

No. 377, Large flowering wall flower leaved, mixed colors. Pkt., 10c.

No. 85, Brompton. Bushy plants, producing double flowers, mixed colors. Pkt., 10c.

SUNFLOWER. Or *Helianthus*. Very useful to plant here and there among the taller growing flowers. No. 128, a dwarf, very double variety, altogether different from the ordinary single Sunflower. Pkt., 5c.

SWEET WILLIAM. A splendid old-fashioned plant producing large heads of beautifully colored sweet-scented flowers in great abundance; a hardy perennial, easily grown and flowering the second year from seed.

No. 26, Single flowers, mixed colors. Pkt., 5c.

No. 27, Double flowers, mixed colors. Pkt., 5c.

THUNBERGIA. Very ornamental half-hardy plants. No. 147, Mixed colors. Pkt., 5c.

VERBENIA. A pretty annual creeper, flowering the first season. (See Flowering Plants.) No. 88, Finest mixed, large flowering. Pkt., 10c.

VIOLETS. On account of the long time it takes seeds to germinate we would suggest buying the plants instead of seeds. (See also Flowering Plants.) No. 319, Large single flowers. Pkt., 10c.

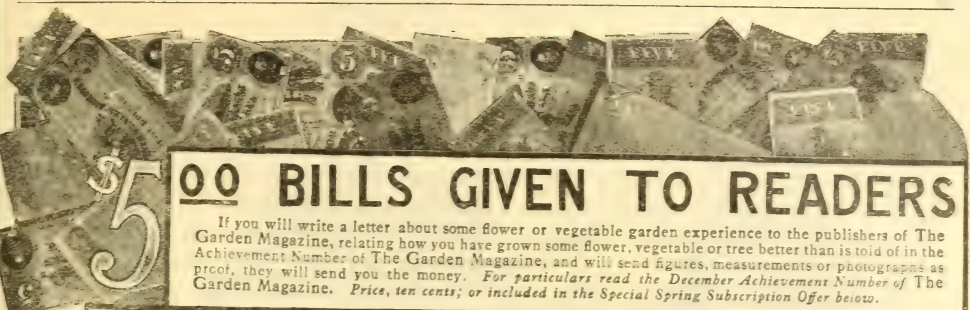
WALLFLOWERS. Favorite sweet scented old-fashioned flowers. Hardy perennials. (See also Flowering Plants.) No. 99, Mixed single varieties. Pkt., 5c. No. 98, Double German, mixed colors. Pkt., 10c.

WILDFLOWER GARDEN.

An assortment of over twenty different annual flowers. Can be sown broadcast and will make a very bright and interesting bed. Especially adapted for sowing in a rookery or in some corner of the shrubbery. Bed of these flowers is always full of bloom and a never-ending source of delight. No. 438, pkt., 5c.; oz., 15c.; $\frac{1}{4}$ lb., 50c.

ZINNIAS. An annual easily grown from seed; blooms abundantly and continuously. No. 100, Mixed colors. Pkt., 5c.

FULL CULTURAL DIRECTIONS IN EACH PACKET.

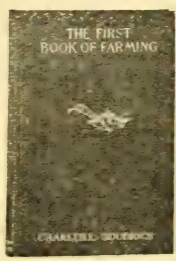


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If you will write a letter about some flower or vegetable garden experience to the publishers of The Garden Magazine, relating how you have grown some flower, vegetable or tree better than is told in the Achievement Number of The Garden Magazine, and will send figures, measurements or photographs as proof, they will send you the money. For particulars read the December Achievement Number of The Garden Magazine. Price, ten cents; or included in the Special Spring Subscription Offer below.

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Would you farm right? No one interested in farming, old or young, can fail to appreciate this book, for it really gives a fundamental knowledge of how to conduct a farm with the least expense and the largest return. There are sixty-three full pages of helpful illustrations.

The price is extremely low for a work of such value: \$1.00 net, postage 10 cents.

Partial contents: Introduction to Plants. Roots. Soils, Relation of Soils to Water, Loss of Soil Water, Soil Temperatures. Plant Food in the Soil. Seeds, Seed Planting, Spading and Plowing, Harrowing and Rolling, Leaves, Stems, Flowers, Fertile Soil, The After-cultivation of Crops, Farm Manures, Commercial Fertilizers, Rotation of Crops, Farm Drainage.

A practical and successful farmer, who can write and who has had the invaluable experience of teaching agriculture to beginners and to teachers with notable results, has here imparted a fundamental knowledge of how to farm with the least expense and the largest return. *Mr. Goodrich considers the plant as the central and all-important factor on the farm.*

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Is the representative American gardening magazine. A veritable up-to-date encyclopedia of practical horticulture. *It is by far the most beautiful, helpful and readable periodical on the subject—a constant reminder and guide for the growing of flowers, vegetables and fruits, in many superbly illustrated articles and twenty-five regular departments.*

GREAT PLANTING NUMBER (Ready March Fifteenth)

With the pace set by the Double Planting Number last April, the Great Fall Planting Number for October, the August Evergreen Manual and other special issues, it will easily be the most important and helpful garden publication of the year.

"Would not take \$50 for my April number if I could not get another," says one man who enjoys the pleasures of a good garden.

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"I have learned more about practical gardening from the first numbers of THE GARDEN MAGAZINE than from all my reading of books and horticultural magazines for several years." W. E. —, Indianapolis, Ind.

--- Cut the Plum, or --- Pin One Dollar Bill to This Page

THE CHARLES H. LILLY CO., Seattle, Wash.

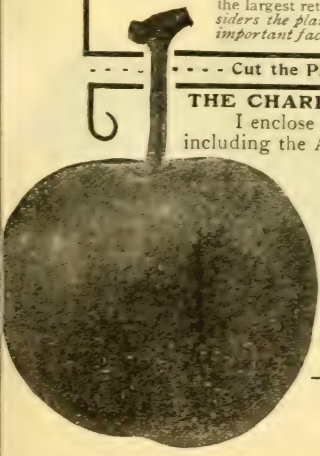
I enclose \$1.00, for which send me The Garden Magazine (seven months), including the Achievement Number, Great Planting Number and other special issues, and The First Book of Farming (regular one dollar edition). You will return the money to me, and I will send back the book and magazine at your expense if not what I expect.

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MAMMOTH BLACKBERRY



Supposed to be a cross between the Wild Blackberry of California and the Crandall's Early. Grows entirely unlike any other Blackberry plant known. It is a rampant grower, trailing on the ground, and under favorable conditions will grow twenty feet in a season; the canes are large, of deep red color when exposed to the sun; the foliage is large, thick, of a deep green color; enormously productive and exceedingly early, ripening three weeks before other cultivated kinds; fruit enormous, specimens measuring 2½ inches long; seeds small, soft and abundant; core small, soft; in size and flavor said to surpass all other varieties of Blackberries.

20c each; \$2.00 doz., or prepaid 25c each; \$2.40 doz.

Lawton, Kittatiney, Erie and Crandall's Early are all well known and popular market Blackberries.

Each, 10c; doz., 75c; 100, \$4.50, by express. By mail, 20c each; \$1.00 doz.

Evergreen. The famous Oregon vining Blackberry, valuable for both its fruit and ornamental qualities as a plant.

Each, 10c; doz., \$1.00, by express. Prepaid, 20c each; \$1.25 doz.

LUCRETIA DEWBERRY

Early trailing Berry, a very prolific grower of fine rich berries bearing the full length of the vines, profitable for home and

market uses. Each, 15c; doz., \$1.00; Prepaid, 25c each; \$1.25 doz.

RASPBERRIES

Red Antwerp, Cuthbert and Columbia are staple products of the red varieties whose merits are known to all growers.

Each, 10c; doz., 75c; 100, \$4.00. Postpaid, 20c each; \$1.00 doz.

Greg, a well known black cap of good size and flavor.

Each, 10c; doz., 75c; 100, \$4.00. Postpaid, 20c each; \$1.00 doz.

Mammoth Cluster. An improved black cap producing its berries in clusters, ripening early and uniformly, making it a profitable market variety.

Each, 10c; doz., 75c; 100, \$4.00. Postpaid, 20c each; \$1.00 doz.

Hausell. A new black cap of enormous size and delicate flavor, the earliest and best black raspberry for home or market use.

Each 15c; doz., \$1.00; 100, \$4.50. Postpaid, 25c each; \$1.25 doz.



CURRANTS

LILLY'S
KITCHEN



Red Cherry. The best Currant grown; producing the largest berries in the largest clusters of any variety of currant. Each, 10c.; doz., 60c.; 100, \$3.50.

White Grape. It has the same characteristics as the red currants. The berries are transparently white. Each, 10c.; doz., 60c.; 100, \$3.50.

Black Naples or English. A popular variety with English people. Has more of a bushy growth than the most varieties and is very prolific. The berries when ripe are jet black. The Black Naples have not the acid properties of other varieties but it has many healthful qualities. Each, 10c.; doz., 75c.; 100, \$4.00.

slope of the Himalaya mountains. For many centuries the natives of mysterious Tibet have been making wine and cordial of them, and only the recent invasion by British troops of the "Roof of the World," as this quaint land is called, has brought this delightful, luscious fruit to our civilization.

Enormous clusters of large-sized berries ripen all summer on this bush, making the Himalaya the most productive of any variety known. The flavor is sweet and of unusual richness. For pies and jellies it is a perfect success. It jells easily; is good for the sick, being an excellent regulator.

Is very hardy, will stand heat and cold better than our domestic fruits.

Price: Prepaid, Root, 50c.; 3 for \$1; doz., \$3. Supply limited. By express at purchaser's expense, each, 35c.; doz., \$2.00.

The

Himalaya Berry

Coreless and rich, they literally melt in your mouth. You can have them in your garden at almost no cost.

It's black, but not a blackberry. It's a new arrival, from the north

Burbank's "Phenomenal" Berry

"It's the best berry in the world!"—Luther Burbank.

This wonderful berry is the result of a cross between the California Dewberry and Cuthbert Raspberry, having the color and flavor of the latter and the shape of the former with even greater size.

Mr. Burbank has said: "It is larger than the largest berry ever grown," and those who know the conservative nature of the man, the fact that he is willing to recommend this berry, is the best guarantee that could be given regarding its quality.

The vines are inclined to trail, and when properly supported the berries are easily gathered, as they grow in clusters of from five to ten. Separate berries have been produced that measured three inches in length. As a market berry they are very profitable, on account of their productiveness and firmness which makes them good for shipment to home or distant markets. Price, each, 30c.; doz., \$2.50. Prepaid, each, 35c.; doz., \$3.00.

LILLY'S KITCHEN-GARDEN COLLECTION BERRIES.

1 Logan Berry, 3 Raspberries, 2 Blackcaps, 2 Currents, 3 Blackberries, 1 Lucretia Dewberry. In all 12 standard berry bushes, each one properly labeled. By express at your expense. \$1.00; prepaid, \$1.25. You can include one of the Phenomenal Berries at 25c, when ordering this collection.



GOOSEBERRIES

INDUSTRY. The best of the English varieties, have large, dark Red Berries and hairy, most prolific and rich. **Each, 10c.; doz., 60c.; 100, \$3.50.**

Postpaid, Each 20c.; doz., 90c.

OREGON. A very large light green berry, fleshy with few seeds; said to be the most prolific large berry grown. **Each, 10c.; doz., 60c.; 100, \$3.50.**

Postpaid, Each 20c.; doz., 90c.

SMITH'S IMPROVED. A very productive variety. Fruit is of light green color, sweet in taste and an excellent seller. **Each, 10c.; Doz., 60c.; 100, \$3.50.**

Postpaid, Each 20c.; doz., 90c.

DOWNING. Light green oval berries of good size, smooth skin and finest flavor. **Each, 10c.; doz., 60c.; 100, \$3.50.**

Postpaid, Each 20c.; doz., 90c.

LOGAN BERRY

Originated with Judge J. P. Logan of Santa Cruz, Cal., from whom it derives its name. This berry is unlike any other in existence, being a hybrid between the Raspberry and the Blackberry. The fruit is sometimes an inch and one-quarter long, dark red, as large as the largest Blackberry, and produced in immense clusters. It partakes of the flavor of both the Blackberry and Raspberry of a mild, pleasant flavor, delicious and peculiar to this berry alone; seeds small, soft and few; fruit ripens early, just after Strawberries, and before Blackberries and Raspberries. The vine or cane of the Logan Berry grows entirely unlike either the Blackberry or the Raspberry; it trails or grows upon the ground more like the Dewberry. The canes are very large, without thorns, but have very fine, soft spines; leaves more like those of the Raspberry than Blackberry. It is excellent for the table, eaten raw or stewed, and for jelly or jam it is without an equal.

Price 20c. each, postpaid, or if by express or freight at purchaser's expense, 15c. each; \$1.50 per doz.; \$10.00 per 100.

STRAWBERRIES

Per doz., 15c.; per 100, 75c.; per 1000, \$4.00.

Quantities up to 100 sent postpaid; large quantities sent by express or freight, charges to be paid by purchaser.

HOOD RIVER. The fine dark red berry grown so extensively in the Hood River district in Oregon. It is famous for its flavor, rich color and firmness. We consider it the best shipping berry known.

MARSHALL. Large round dark red berries, uniform in size and in firmness make it the sort best adapted to market needs.

CLARK'S SEEDLING. Similar to the Marshall but later. It is considered a very prolific bearer of berries of fine quality.

MAGOON. Very large bright crimson berries, firm and of fine flavor, late.

FOR INDEX SEE LAST PAGE OF CATALOG

DELIGHTFUL COLLECTION

Every One Fragrant and Hardy.

ALL
NEW

Each of these splendid new roses noted for its ability to withstand the ravages of Aphid, mildew and red spider. These roses represent the four most popular colors. One, a magnificent white one. One, the most delicate pink. One, a brilliant scarlet. One, a Klondyke yellow. Why do we call this our "Delightful Collection"? Because in making up this collection we had constantly in mind what our thousands of customers would think. When you receive the plants we want to make you use Pres. Roosevelt's expression, "I am delighted," and when you have the plants in the garden and the foliage bursts out we want to hear you say again, "I am delighted," but when these roses put forth buds and show their training in the beautiful blossoms they produce then indeed we want to hear you say "I am delighted," and you will be, too. Price of the Delightful Collection including McArthur, the best red rose grown, \$1.75 prepaid.



**LILLY'S
BEST**

SOUV. DE PIERE NOTTING.—Of all the Teas—it stands alone for two important qualities. It positively does not mildew or blight and it blooms continuously. Bud and flower are long pointed and a deep yellow. Equal in color to Marechell Neil and similar in odor, a beautiful bud for table decoration and one of the most satisfactory on account of the quantity produced.

Good strong roots, 50c each, \$5.00 per doz., prepaid.

ADMIRAL DEWEY.—An exquisite rose, pure and delicate as a pink pearl; most other pink roses look coarse in comparison with this, the highest example of the horticulturist's skill. Dewey is a vigorous grower and really remarkable for the quantity of bloom. It has a delicate and delicious odor. These good qualities combined with the ease of culture make it worthy the name of the great commander. Price, 50c each, \$5.00 per dozen.

GENERAL McARTHUR.—This is a new rose of great promise. We know of no other red rose to compare with it. None other with such a rich intense red color, turning to scarlet when fully open. Those in bloom at our Brighton Nurseries this year drew forth the most favorable comments and admiration from everyone. The fragrance is captivating and the long pointed red bud with its wonderful color and odor place it in the front rank. This year we will not sell this rose separately, but reserve it for those who want the Delightful Collection.

WHITE MAMAM COCHET (See illustration).—We find plenty of people who say that this new rose is the finest white in cultivation. As a rule white roses are apt to be rather disappointing, many of them having a washed-out look that is far from pleasing. White Mamam Cochet, however, is quite the contrary. The bud is long, pointed and of a marvelously waxy white color, sometimes the outer petals are tinged with a delicate pink, but it is always beautiful, always fragrant, always a free bloomer and always a hearty, vigorous grower. If you want the best white rose be sure to have White Mamam Cochet. Price, strong plants, 50c each, \$5.00 per dozen.

NEW ROSES—Any of these new roses 50c each, 3 for \$1.00.

NEW HYBRID TEA ROSE, FRANZ DEEGEN.—A deep yellow rose, which would flower continuously either under glass or all summer in the open ground; has been a desiderata for a long time, and we believe is fully covered by this seedling of Kaiserin Augusta Victoria, which is one of the best of all white roses, and whose strong growth and free-flowering habit seem to have been fully perpetuated in this offspring, which is a rich yellow shading to a deep orange in the center.

MAD. ABEL CHATENAY.—Grand new perpetual blooming variety of great beauty, the best of its color, which is rosy carmine, shaded darker. Does remarkably well in open ground. Flowers are full, deep and double.

BRIDESMAID.—Very large size, and of regular full form, delightfully tea-scented; color, clear rosepink. A free and constant bloomer; makes elegant buds for cutting.

FRANCISKA KRUGER.—This grand rose is one of the most richly colored yellow roses grown for such a profuse bloomer. A dense grower, and where used in masses its coppery color is most striking.

THE NEW BURBANK ROSE.—One of Luther Burbank's latest productions. It is chiefly valuable for hedges, or to obtain a mass of bloom. Individually the flowers are not as beautiful as many other roses, and are not adapted for cut flowers, but the plant is a most extravagant bloomer, and very vigorous grower, and the blossoms are of a brilliant crimson color. We would not advise planting this rose in the front yard, but if you want to cover a bare spot or hide fences or outbuildings, you could plant nothing that would give you quicker results. 35c each, \$3.50 per dozen.

BRIGHTON COLLECTION OF ROSES

Out of the hundred of of Roses, we have selected six which we believe excel all others for wealth of bloom, ease of culture and adaptability to Pacific Coast conditions. There are many Roses exploited by the growers, which are really all that are claimed for them, but a great many of our best Roses are very difficult to grow. The Roses of which the Brighton Collection is composed are all of them free, vigorous, healthy growers, and every one of them produces a beautiful bud of magnificent colors. They are also selected with a view to planting all in one bed. They make a uniform growth, and a bed made from the Brighton Collection would give you either cut flowers or standing flowers of great beauty.

The following Roses comprise the Brighton Collection:

PAPA GONTIER. Most every Rose lover knows this magnificent Rose. We do not believe that there is another Rose in existence that has gained the popularity in the last few years that the Papa Gontier has, and the longer you know it the better you like it.

Its dark crimson, red buds are borne in great profusion, and for a long season. The buds are long, pointed, and are not to be surpassed for cut flowers, either for the table or for personal wear.

CLOTHILDE SOUPERT. One of the freest flowering Roses we have. The blooms are borne in large clusters, waxy white, deeping to a rosy blush in the center and are perfectly double.

LA FRANCE. This Rose is so well known that we hardly need to give a description of it. Although it is an old Rose, it is a good one; in fact, there are very few Roses produced in the last few years that are the equal of the La France. It is a generous bloomer, vigorous grower, and well repays any extra effort spent on it. We include it in our collection, not because it is a novelty, but because we believe it is one of the very best and most satisfactory Roses for the Pacific Coast.

HOMER. Everyone who has known or grown the Homer has a good word to say for it. If you are only going to have a half dozen Roses, Homer should be one of them, and if you are going to have a hundred different varieties, you would want two or three of Homers. This Rose does excellently everywhere on the Pacific Coast, and should be in every garden.

GRUSS AN TEPLITZ. Popularly called the reddest of red roses. It will succeed under the most diverse conditions, and if given good care, it makes the most bountiful returns. It has a rich scarlet color, shading to a velvet crimson as the flower matures. It produces a medium sized bud. Both buds and matured blossoms are beautiful in shape and color. One of the great advantages of the Gruss an Teplitz is it is very fragrant. We often times think that Gruss an Teplitz is the best Rose we have. Its great fragrance, ease with which it can be grown, and the great profusion and great beauty of the bloom will make it popular everywhere; even the foliage of this Rose is beautiful to look at. From the time it first bursts into leaf in the spring until late in the fall it is a source of constant satisfaction.

KAISERIN AUGUSTA VICTORIA. This is another one of the new Roses that cannot help but appeal to everyone. It is grown by many of the florists for cut flowers, producing, as it does, a long, white, remarkably fragrant and beautifully formed flower, and on long stems. The flowers are large, of a soft, pearly white, tinted with just enough lemon in the center to relieve the white. It is a strong, vigorous grower. It is remarkably free from insect pests, and has a beautiful, strong foliage. These Roses, either for an individual plant or in a bed, are sure to be satisfactory.

Prices: Choice two-year-old plants of any of the above, 35c each, \$3.50 per doz., or the set of six for \$2.00. At these prices we can send them prepaid, but if sent by express, at your expense, we can send larger plants, with more protection on the roots. In ordering, please mention how you wish them shipped.



LILLY'S
BEST

The Best Hardy Climbing Roses

CLIMBING CLOTHILDE SOUPERT.

One of the freest-flowering Roses in our collection, producing in large clusters beautiful, perfect double flowers of a French-white, deepening to a rosy-blush in the center.

BALTIMORE BELLE. The most rapid growing rose known, will often make 15 feet of vine in a single season. The blooms produced in dense clusters and are of a delicate blush white. The best rose grown for covering trellises or out-buildings.

GOLD OF OPHIR, or BEAUTY of GLAZENWOOD. The best American Rose. A medium sized rose of decidedly peculiar coloring, best described as a coppery apricot yellow, entirely different from anything else in the rose line. The blooms are produced in clusters.

MAD. ALFRED CARRIER. This is by far the strongest grower among the climbers. It is popular for its handsome buds of a creamy white and its open blooms which are almost pure white with a yellow center. No collection is complete without it.

RIEN OLGA de WURTEMBERG. This graceful climber should be included in every collection. It produces the most beautiful rosy carmine buds which are as good as any tea rose grown both in color and fragrance.

EMPRESS OF CHINA. Soft red, very thrifty and a free bloomer and climber.

MARCHEAL NEIL. Sulphur Yellow, the best known rose in existence.

PRAIRIE QUEEN. Bright Red growing lighter as the blooms open.

REVE D'OR. Similar in color and form to Safrano, a most hardy variety.

REINE MARIE HENRIETTA. Cherry Red, beautifully formed flowers, highly scented and deservedly popular.

SOUVENIR MALMAISON. Flesh-colored, very large and tea scented, of the most brilliant climbing tea roses.

SEVEN SISTERS. Clear pink, blooming in clusters of seven, a very rapid grower.

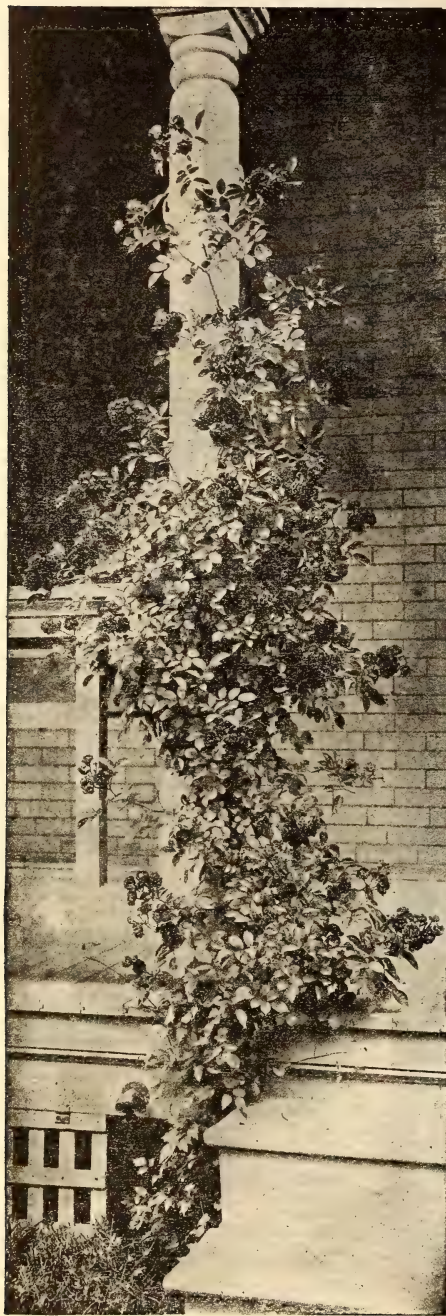
WM. ALLEN RICHARDSON. Orange yellow, blooms small, making little handsome buds in great profusion.

Prices: 35c. each; \$3.50 per doz.

Prices on this page include transportation charges, but if sent by express at buyer's expense, we can send larger and better plants.

FOR INDEX SEE LAST PAGE OF CATALOG

RAMBLER COLLECTION



Crimson Rambler

No rose has ever made such a record for popularity as the Crimson Rambler. This rose has been on the market now for over 10 years, and is still as popular as ever, and is likely to remain so.

The other Ramblers described on this page are quite different in foliage and bloom from the Crimson Rambler, but they are all vigorous growers, and of a great deal of merit.

BABY RAMBLER (Mme. Norbert Levavasseur).—Undoubtedly the most unique rose that has been introduced in the last few years. It has taken more prizes and medals at the horticultural exhibits than any other rose the past season. It is entirely distinct from any other rose previously grown, and is destined to become one of the leading popular varieties. It is a cross between the Crimson Rambler and a dwarf rose producing an abundance of bright crimson flowers, similar to the Crimson Rambler, but instead of being a climbing plant, it grows in a bush that seldom exceeds 18 inches in height. When this bush is covered with blossoms it presents a most striking appearance. The foliage is dark green, which contrasts nicely with the bright crimson blossom, and which is never attacked by disease or insects. It is a most extravagant bloomer, easily outclassing any other rose of its type. It will bloom from early spring until late in the fall, and can be transplanted into a large flower pot, set indoors, and will continue blooming the year round.

As this is a small growing rose, and as the demand for it is greatly in excess of any possible supply, the plants we send out are small, but are well grown. Plants being all pot grown, you get all the roots, and they will stand transplanting without a chance of a loss. Price 75c.

CRIMSON RAMBLER.—Probably the most popular climbing rose ever introduced. It makes a wonderful growth, making from 10 to 20 feet in a single season. It produces an immense quantity of brilliant clusters of blossoms.

It is very free from disease, succeeds everywhere, and the brilliant colored blossoms remain on the plant for a great length of time without losing their brightness. On the Pacific Coast the foliage stays on practically the year round, making it an evergreen. It is perfectly hardy everywhere, will stand the hottest, driest summers, and the coldest winters.

PHILADELPHIA RAMBLER.—This is identical with Crimson Rambler, except that the color of the blossom is deeper, brighter and more intense crimson, and it is not such a vigorous grower. It does not take the place of the Crimson Rambler, but makes a valuable addition to the Rambler family.

DOROTHY PERKINS.—Another member of the Rambler family that is bound to be popular. The habit of the plant closely resembles the Crimson Rambler, but the flowers are of a beautiful shell pink, full and double and of unusually large size for a cluster rose. The clusters are made up from 30 to 40 flowers and one cluster makes a bouquet. Like the other Ramblers it is a vigorous grower, has a beautiful foliage and very hardy.

PINK RAMBLER.—Similar to others in habit of growth, but producing flowers that are very fragrant, nearly double, and of very light pink in color.

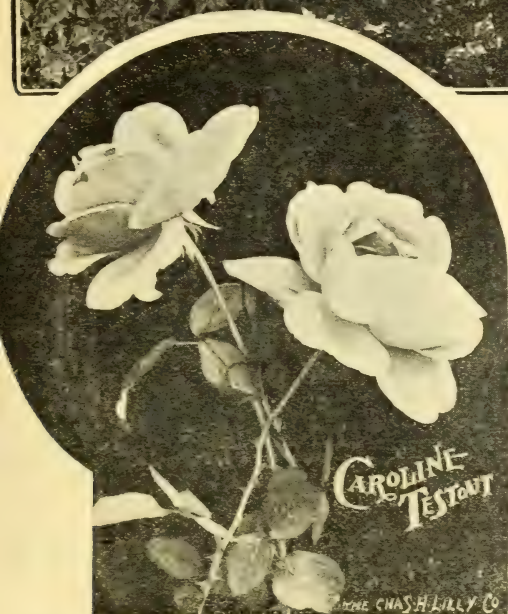
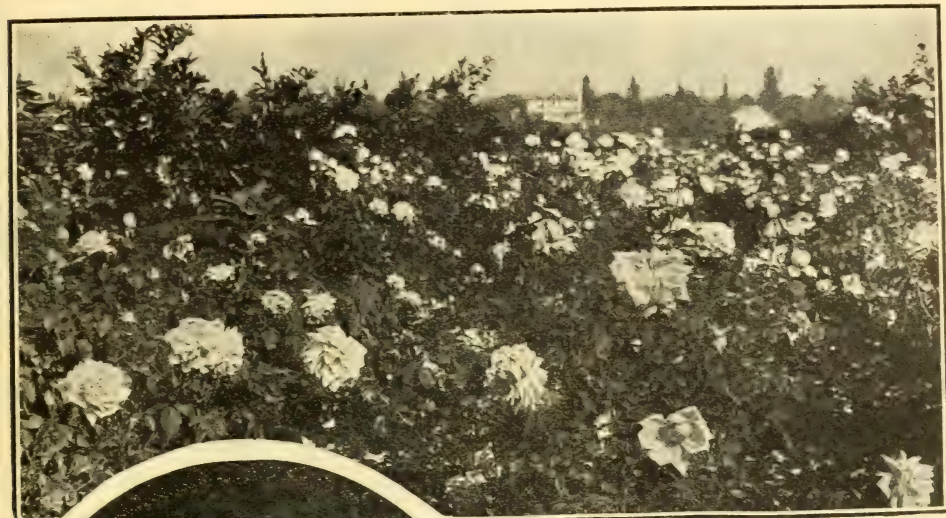
WHITE RAMBLER.—Like the other Ramblers, it is a hardy, strong, vigorous grower, with a dark green foliage. The flowers are pure white in color.

Prices: Strong two-year-old plants of any of the Ramblers, except the Baby, 35c each. Collection five Ramblers, not including the Baby, sent prepaid for \$1.50. Collection of six, including the Baby Rambler, \$2.00 prepaid.

During May and June we can send strong young plants of any of the Ramblers, except the Baby, at 15c each, or \$1.50 a dozen.

10c Roses

During May and June of each year we have thousands of roses grown under cold frames in two-inch pots. These plants being pot grown, retain all of their roots when shipped. Among these we can fill orders for most any of the 35c roses listed in this catalog, but in ordering please mention 2nd choice in case we should be sold out of some variety. Unless you instruct to the contrary we will substitute other similar varieties when out of the ones called for. Price 10c each, \$1.00 per dozen. No order filled for less than 3 and only during May and June. Pots are not shipped with roses.



Standard Hardy Teas and Hybrids

Standard Roses. At our Brighton Beach nursery and trial grounds we have 100,000 rose bushes, grown on their own roots, and all grown out doors. Our grounds are under the supervision of an experienced florist and specialist and we guarantee our Roses.

We will replace free of charge any of our roses that do not grow or prove true to name. Each bush we send out will be marked by a printed label that will last for years enabling the grower to identify each variety.

The following list includes all the latest productions in standard tea and hybrid perpetuals and being offered under the above guarantee.

Prices: Large plants of any variety, except those preceded by a star (*) 35c each; \$3.50 per doz.

American Beauty (Hybrid Perpetual) Rosy Crimson. A constant bloomer. Magnificent Buds.

***Augustine Guinoiseau** (Hybrid Tea). Same form as La France. Pearly white, tinted with fawn. 50c.

Baroness Rothschild (Hybrid Perpetual). Pale rose, large, finely formed blossoms, borne on erect thick stems.

The Bride (Tea). Pure white, fine, large, double buds. Free bloomer, delicate fragrance.

Cherokee (Double) pure white.

CLIO (Hybrid perpetual). Shaded pink, blooms almost all year round.

Coquette des Blanches (Hybrid perpetual). Pure white, sometimes shaded with pink.

Coquette des Alpes (Hybrid perpetual). Pure white, a most profuse bloomer, producing its flowers in clusters.

Coquette des Lyons (Tea). Golden Yellow, very hardy and a perpetual bloomer.

Caroline Testout (Hybrid Tea). Clear pink, very large flowers and as free a bloomer as La France. One of the best Hybrid Tea roses to date.

Dinsmore (Perpetual). Bright crimson, extra large and very double, one of the most popular red roses.

***Duchess of Albany or Red La France** (Hybrid Tea). A sport from La France and similar in form but much deeper and richer in color, 50c each.

Fisher Holmes (Hybrid Perpetual). Dark scarlet, very large and double, a delicate odor.

General Jacqueminot (Hybrid perpetual). Deep crimson, a hardy free bloomer, one of the most popular red roses grown.

General Washington (Hybrid perpetual). Crimson, similar to General Jacqueminot, it blooms quite double and opens very flat. It is of the finest color.

General Collection

FLOWERING PLANTS



ALYSSUM.

(See Cut)

This is one of the most satisfactory of all flowers and a most beautiful one. It is similar to white Forget-Me-Nots, and should be grown in every garden. It is highly valuable in making borders, edgings, boxes, etc., and for use in and around rock work. It blooms constantly all summer, and does exceedingly well in the moist climate of Western Washington.

Tom Thumb, or Little Gem Sweet Alyssum, 10c each, \$1.00 per doz.

NEW COLUMBINE.

(Vulgaris Compacti.)

This new Columbine is a valuable addition to any garden. It is a great improvement over the old varieties, producing its violet blue bloom in great profusion, supported on long, wiry stems. It may be grown almost anywhere, but prefers a moist location. Can be grown from seed sown in open ground. The plants we offer are good, strong clumps. Each, 15c.

COLEUS.

Nothing can excel the beauty and richness of coloring that is found in this class of plants. They are beautiful as pot plants for the conservatory, making handsome specimens for decorative and exhibition purposes, and are used extensively as bedding plants, for which purpose they are exceptionally well adapted. They should be planted in full sun in a position where they can be liberally supplied with water, which develops the most wonderful colorings in the foliage. Each, 10c; per doz., 65c.

CANTERBURY BELL.

(Campanula Media.)

This new variety of Canterbury Bell is of bushy growth, about two feet high, producing its fine, bell-shaped flowers in great profusion. Being a hardy perennial, it is valuable for permanent beds or borders. Each, 15c; doz., \$1.50.

NEW GILLARDIAS.

We offer this season plants of two of the newest and best varieties ever produced.

The Famous **KELWAYS** and the **COLUMBIA**. These varieties are remarkable for the size, profusion and coloring of the blooms which are desirable for bedding, borders or cut flowers. They are deserving of more general culture. Each, 15c.; doz., \$1.50.

GIANT FOX GLOVE.

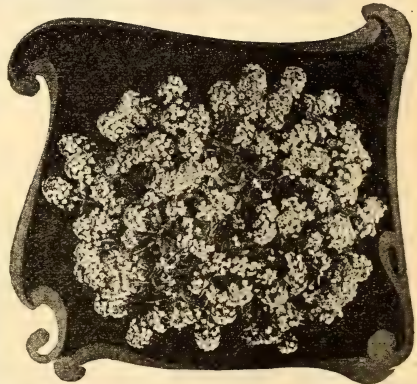
(Digitalis Gloxenea Flora.)

A New Old Flower. The good old Fox Glove has been improved until we offer plants of this variety quite distinct. They will produce spikes of bloom that will eclipse anything ever before offered. We have only fine, strong plants. Each, 15c.; per doz., \$1.25.

SNAP DRAGON.

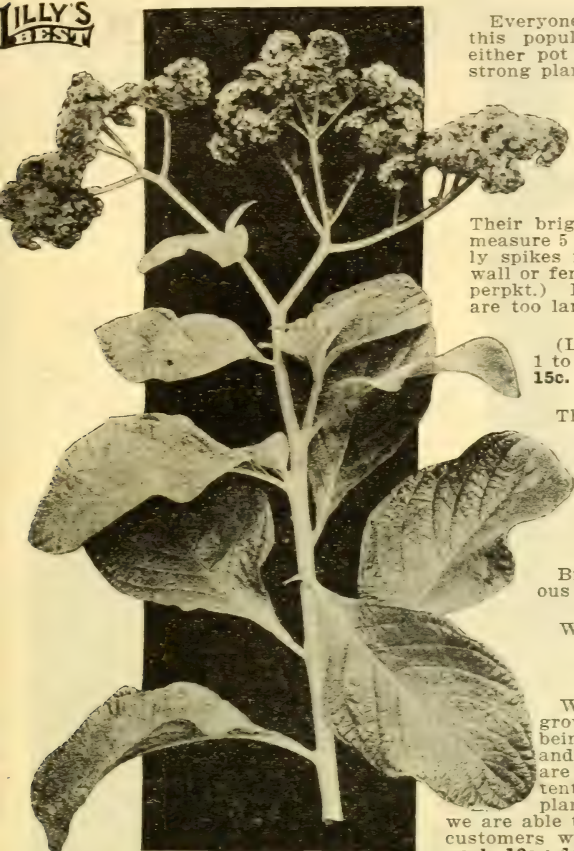
(Antirrhinum.)

A most showy border plant, that forms brilliant beds, flowering prodigiously and continuously. They grow about two feet high, are healthy and stocky and completely enveloped with large snap-dragon flowers of splendid texture and substance, rendering them very durable under all conditions of weather; their continuous-blooming qualities, ease of culture and independence of heat and drought, and pure light colors, should entitle them to a permanent place in gardens. They will do best in well drained soils. **Giant Flowering Antirrhinum**, large plants, 10c each; doz., \$1.00.



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**LILLY'S
BEST**



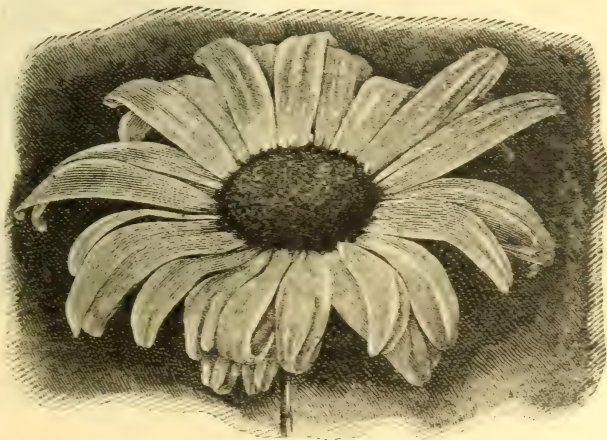
PHLOX. These grand, hardy, flowering plants are becoming popular. Easily grown; bloom freely in late summer and fall months. Pantheon—Brilliant Red; Pearl—Pure White; Sothair—Salmon Pink, carmine eye. **Each, 15c.; doz., \$1.50.**

VERBENIAS. Easy to grow. Suited for bedding or edging. Bloom all summer. **Price, 25c to 50c doz.; Plants in bloom, 10c each; \$1.00 per doz.** (See Lemon Verbenias.)

SHASTA DAISY

(Chrysanthemum Leucanthemum Hybridum)

The originator, Mr. Burbank describes it as follows: "Flowers snowiest white with yellow center, large, graceful, freely produced on strong, wiry stems 2 ft. in length. New, hardy perennial, blooming abundantly first season from seed. Sow early in shallow, well-enriched boxes of sandy soil in the house, keeping quite moist; transplant to rich, sunny location 1 by 3 ft. apart; or sow in carefully prepared soil in open air soon as ground can be cultivated. Seeds will produce flowers varying much in form and size, and, being new hybrid race, some exquisite ones may be expected. Best may then be multiplied to any extent by division." We have splendid plants that have been grown for one season and not allowed to bloom. They are ready to throw out quantities of snowy blossoms. **Price: Large plants, 15c. each.**



HELIOTROPE

Everyone knows the exquisite perfume of this popular plant. It is well adapted to either pot culture or bedding. We offer fine, strong plants, ready to bloom. **Each, 15c.** See special offer, page 76.

HOLLYHOCK

Annual ever-blooming. Something new in this old flower. The new annual ever-blooming Hollyhock is so much superior to the old varieties that they would hardly be recognized as Hollyhock. Their bright single and double blooms often measure 5 inches in diameter. Their tall stately spikes relieve the monotony of the garden wall or fence with their gay color. (Seeds 20c perpkt.) **Plants each 20c; doz., \$1.50.** Plants are too large to send by mail.

LAVENDER VERA

(Lavender Blue). A hardy perennial, 1 to 2 ft., spike of fragrant blue flowers. **15c. each; \$1.50 per doz.**

LEMON VERBENIAS

The Verbenia is a small flower of very sweet scented foliage and is a popular variety for garden beds and massing alike. **Price, 15c each.**

LOBELIA CARDINALS.

(Cardinal Flower). A bushy plant with intense scarlet flowers. **Each 15c.; doz., \$1.50.**

LYCHINS.

Bright scarlet flowers, and a continuous bloomer. **Each 15c.; doz., \$1.50.**

MARGUERITE.

White or yellow, **10c to 25c each.**

PANSIES

(See also Seeds.)

We have all varieties and colors grown from seed of our saving, selection being made especially for large blooms and distinct varieties. All our Pansies are grown in a soil that favors the retention of the roots, so that they transplant easily. We take in the stock that we are able to furnish, and we feel sure that our customers will be well pleased with it. **Prices, each, 10c.; doz., 50c.**

CHOICE STOCKS

Exquisitely Fragrant and Handsome

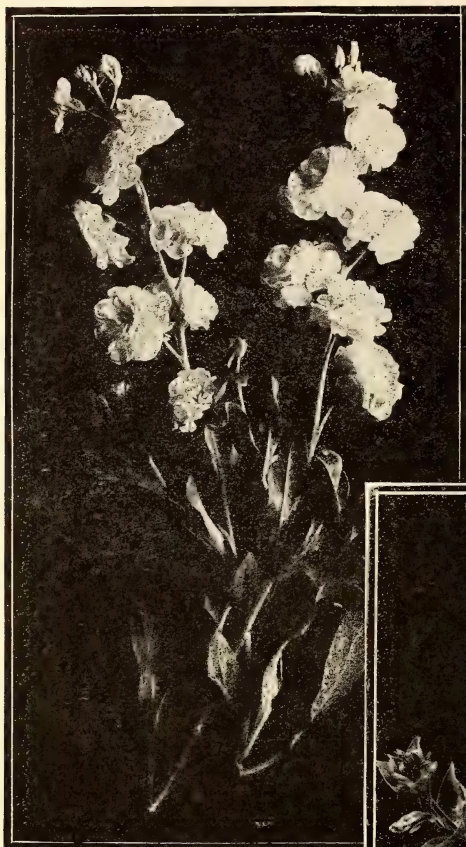
These well known and popular flowers cannot be too highly recommended for every flower garden. Their wealth of color and rich, delicate perfume are large measure for the cost of the plants. We offer plants of improved strain and mostly double flowers, that will bloom all summer if the old flower spikes are removed. Try a dozen plants, and we are sure you will always want them in your garden.

Price: 25c per dozen.

Night Blooming Stocks

This charming plant should be in every garden. Its flowers close entirely during the day, but in the evening the air is loaded with their delightful perfume. They are easy to grow and sure to bloom all summer.

Each, 10c.; per doz., \$1.00.



PETUNIAS

Highly ornamental, flowering profusely and of easy cultivation. We have fine, strong, well-rooted plants, single or double assorted colors. Prices, for young plants, 10c. each; \$1.00 a doz. Large plants in bloom, 25c to 50c each.



A FINE PLANT OF HELIOTROPE FREE

When an order for plants amounts to \$1.00 or over, if requested when order is sent in. This premium applies only on plants.

FOR INDEX SEE LAST PAGE OF CATALOG



CHAS. H. LLOYD & CO.

Of Evergreen & Flowering House Plants

Here is the chance for every house wife who wishes to brighten her home at a very small expense.

We offer this collection, consisting of

- | | |
|---|---------------|
| 3 varieties of Begonias. See page 80. | 1 Fuschia. |
| 3 varieties of Ornamental Ferns. See page 71. | 1 Primula. |
| 3 varieties of Geraniums. See page 77. | 1 Heliotrope. |

As an assortment of ornamental and flowering plants that will produce an abundance of foliage and a variety of color and fragrance. All are good strong plants and quite hardy.

Prices—One collection sent to your nearest Express Office, charges paid, for \$1.50.

Club Orders for two or more of this collection sent to one address for \$1.25 each.

Delivery charges to be paid by purchaser.

These Chinese Primroses are most satisfactory plants for house culture, and will thrive and bloom with less direct sunshine than any other plant. Their constant succession of blooms throughout the dull winter months render them very desirable and satisfactory. Choice plants from 4-inch pot, 25c each, by express.

HALF HARDY PRIMROSE.

The following varieties are all hardy west of the Cascade Mountains and will be found very satisfactory:

Primula Vera. The well known Polanthus. They have a charm distinctly their own.

Mammoth flowering varieties in separate colors, 15c each, or \$1.50 per doz.

Primula Elatoir (English Cowslip). \$15c each; \$1.50 per doz.

STANDARD HARDY TEA AND HYBRIDS.

2-year-old plants, 35c each; \$3.50 doz.

White La France (Hybrid Tea). Identical with the pink variety, except in color. Each, 50c.

Magna Charta (Hybrid Perpetual).

Bright pink suffused with carmine. Very handy and a general favorite.

Mrs. John Lang (Hybrid). Soft pink, free bloomer, deserving great popularity.

Maman Cochet (Hybrid Tea). Pink, most valuable rose grown for out-door culture.

Mrs. Robert Garrett (Tea). Bright rose; fine for buds or for full-blown flowers.



STANDARD HARDY TEAS AND HYBRIDS—Continued from page 69.

Paul Neyron (Hybrid Perpetual). Largest Pink Rose grown, quite hardy and thornless.

Prince Camille de Rohan (Hybrid). Velvety crimson, shaded with scarlet.

Perles des Jardins (Tea). Light yellow or straw color, very large and fragrant blooms, good forcer.

Queen of Edgley. Pink American Beauty.

Safrano (Tea). Fawn color, changing to a light tint when fully open.

Souvenir de President Carnot (Tea). Shell pink, magnificent, well-pointed buds on long, erect stems.

Souvenir de Wotten (Hybrid Tea). Magenta, shading to almost purple.

Ulrich Brunner (Perpetual). Bright red, beautiful globular buds, on long stems.

Xavier Olibo (Hybrid Perpetual). Dark crimson, so dark that it is almost violet when full blown.

Prices on this page include postage prepaid, but if sent by express at your expense, we can send larger and finer plants.

FOR INDEX SEE LAST PAGE OF CATALOG

BABY PRIMROSE

(*Primula Forbesi*)

This is the freest flowering primula we know of. The little plants throw up

tiny flower stalks when a few weeks old. These should be pinched off, and the plants kept growing until October, and until late in the spring they produce sprays of beautiful rosy lilac flowers in seemingly never ending profusion. (See cut.)

Choice Plants, 15c each, doz., \$1.25.



VIOLETS

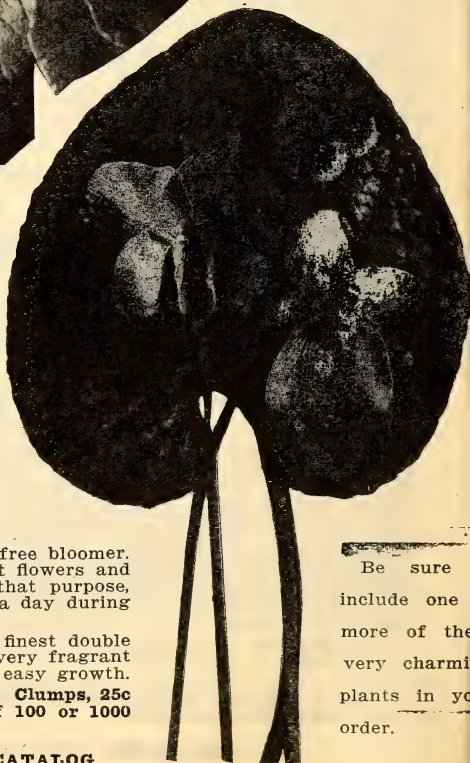
Swanley White. A pure white,, double violet, very delicate and pretty.

The California. In this splendid variety, America can claim the greatest acquisition to the Violet family. Lovers of Violets are indebted to Prof. Emory E. Smith, of California, for the introduction of this grand violet. By extensive trials of the California the past season we have found it to be vigorous and absolutely free from disease; flowers single, of immense size; in color it is a clear violet purple and will not fade. The fragrance is delightful. The flowers are borne on strong stems 10 to 12 inches in length, and from 300 to 500 flowers may be picked from a single plant in one season.

Princess of Wales. Largest and most fragrant of single Violets. Its color is a deep violet purple, and it is a strong grower and free bloomer. This is the variety grown principally for cut flowers and is the most profitable of all varieties for that purpose, many growers picking \$20 worth of blooms a day during the season.

Improved Marie Louise. One of the very finest double blue Violets grown. Color deep violet blue; very fragrant and a continual bloomer. It is of extremely easy growth.

Choice plants: 10c each; 3 for 25c., prepaid. Clumps, 25c each by express. If wanted in quantities of 100 or 1000 write for special prices.



Be sure
include one
more of the
very charm
plants in yo
order.

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Carnation Specials



MARGUIRITE CARNATION—Monthly. This is a distinct variety of carnation most valuable for out-door culture, as they will bloom profusely all summer, and are very fragrant. Grown in mixed colors only. Price, 25c each. \$1.00 per doz.

GENEVIEVE LORD—Fine pink. Large, handsome, perfect blooms. Each 20c.

MERMAID—Salmon pink, almost yellow, a decided novelty in color. Each 20c.

FLORA HILL—White, one of the very best. Each 15c.

HARLOWARDEN—Crimson, extra large. Rich glowing color. Fine long stems. Each 20c.

ESTELLE—Scarlet, pure in color and very free flowering. Each 20c.

ELDORADO—Canary yellow, tipped with carmine, delicately colored but hardy and thrifty grower. Each 15c.

SPECIAL OFFER—One each of these six varieties for 75c, sent postpaid to any address.

FIANCEE, THE 1905 PRIZE WINNER—This grand new carnation is a beautiful clear pink, and has produced blooms 4 inches in diameter. It is the earliest and freest bloomer yet produced. The plants are very thrifty and quite hardy. Each 25c.

ENCHANTRESS—One of the last season's novelties. Beautiful shell pink, color deepening toward the center. The stock of this variety has been carefully preserved and actually improved, and will produce wonderfully large and perfect flowers, born on long stiff stems. Each 20c.

PROSPERITY—Undoubtedly the largest carnation grown. A decided novelty in coloring, being a clear white suffused with bright pink marks. A most fragrant sort. Fine, strong plants. Each 25c.

GOV. WOLCOTT—Pure white blossoms of fine form and substance, with a uniform average of 3 inches in diameter, on long, wiry stems, 2 to 3 feet in length. The habit of the plant is ideal, healthy and vigorous. Each 20c.

MRS. THOS. W. LAWSON—This is without a doubt the largest pink carnation at the present time. The flowers measure over $3\frac{1}{2}$ inches in diameter. The color is a beautiful deep pink. The originator of this grand carnation was paid \$30,000 for the original stock, the highest price ever paid for a plant novelty in this country. Each 20c.

RED LAWSON—It is a bright pleasing scarlet, habits and growth like its parent, Mrs. Thos. W. Lawson, an excellent grower and very free flowering. Size of flowers $3\frac{1}{4}$ inches, and is without doubt one of the carnations of its color. Each 25c.

OUR SPECIAL: One each of these 6 varieties sent postpaid for \$1.00.

CYCLOP PINK—"The Old Fashioned Pink" improved. Everyone knows the fragrance of the good old pinks that our grandmothers had growing along the walk to the front gate. The improved Cyclops are larger and if possible more fragrant and will bloom from early spring until frost comes. Good strong plants, 10c each; \$1.00 per doz.

ACHILLEA (Milfoil or Yarrow)—"The Pearl." This is a most valuable plant for cut flowers. It grows about 2 ft. high, and is covered all summer with a profusion of snow-white bloom.

DAISY BELLES PERENNIS (English Daisy)—Nothing has ever equalled this improved strain of daisy for borders or mass beds. Its beautiful pink and white blooms are much larger and more perfect in form than the old types. Strong plants, 10c each; per doz., 60c.

DIGITALIS: Gloxensa Flora (Giant Fox Glove)—A new old flower. The good old Fox Glove has been improved until we offer plants of this variety quite distinct. They will produce spikes of bloom that will eclipse anything ever before offered. We have only fine strong plants. Each 15c; per doz., \$1.25.

TWO SUGGESTIONS FOR GARDENS.

As there seems to be a decided demand for garden plots—something by which our customers can be guided in laying out a garden—we publish reduced plans on inside of rear cover.

We believe that, with a little ingenuity, the average flower fancier will find one of these plans of interest, as either can be adapted to any similar conditions. It may be that you will have to change the positions of the different vegetables and flowers on account of the exposure or slope of the soil, and it may take you some time to accomplish the best results, but with Lilly's selected stock of Northern Grown seeds you can't fail.

SEE INSIDE OF REAR COVER.

GERANIUMS

We offer on this page as fine a collection of varieties of this most popular pot and bedding plant, as will be found anywhere, and the plants are all strong and in good condition.

WONDERFUL (New). This variety which we offer for the first time, this season originated at our own grounds at Brighton and is truly a sensation. It is of dwarf growth producing its bloom in immense trusses of double flowers of a most brilliant red imaginable, making it the most showy sort for bedding. **Each, 25c.**

SENSATION.

The New single pink. This is another Brighton Novelty remarkable for the size of its perfect pink blossom, which often measures two inches in diameter. Its color is clear and delicate, while the plant is strong and vigorous grower. **Each, 25c.**

LA PILOT. One of the best for bedding, Semi Double Bright Red.

APPLE BLOSSOM. A most beautiful single pink, fading almost to a pure white.

MRS. HILL. Handsome Salmon pink, Extra large single blooms, born on long wiry stems.

WONDER. The best single red. As good a single as the Wonderful is a double.

MRS. POLLOCK. Golden Tricolor. Bronze with crimson. One of the most popular varieties.

SENTINEL. Single scarlet of dwarf growth

MAD. BRUANT. Delicate and handsome. Single blooms of white veined with carmine.

JEAN VILAUD. Semi-Double pink of peculiar beauty. Blooms show a distinct white blotch in center.

LILLY'S
BEST

GENL. GRANT.
Bright Scarlet.
Large trusses.

MOUNTAIN OF SNOW. This variety is as popular for its variegated foliage as for its bloom, which show quite a variety of color. It is one of the Best for edging.

Price each, 10c.; \$1.00 doz. prepaid. No plant orders can be accepted for less than 25c.

SPECIAL OFFER.

We will send one each of the above varieties of geraniums, charges paid to any address for **\$1.25.**

SKY LARK

Single flowers of great beauty in coloring closely resembling a lark's egg, hence its name.

PANSY GERANIUM

This beautiful Pelargonium is of easiest growth, dwarf in habit, and literally covered with flowers all the time; and as it requires little or no attention, it is invaluable as a window plant. The coloring and marking of the flowers are most extraordinary; light pink, white, dark purple, black, etc., almost rivaling the Pansy in uniqueness of flower. It is this combination of coloring which obtained for it the popular name of Pansy Geranium. Strong plants, **20c each, 3 for 50c.**

LADY WASHINGTON GERANIUM

Grand old favorite; showiest mass of bloom produced of any soft-wooded plants that we have. This class is well known to all our readers, but the new varieties are as much in advance of older kinds as those were over the earliest sorts. **Price, 15c. each; 4 for 50c.**

With each order for plants amounting to \$1.00 or more not including any other special offer, we will send, free of charge, a good plant of Heliotrope, if you ask for it.



HYDRANGEAS

Hydranga Paniculata Grandiflora. Without doubt the best known and most popular shrub in cultivation at the present time. The flowers, which are borne in dense pyramidal panicles, a foot long, in the great profusion, are white when they first open, but gradually change to rose color, and remain in good condition for weeks. (See illustration.)

Fine bush plants, 25c each; \$2.50 per doz.. Extra fine, 50c each; \$5.00 per doz.

Otaska. Deep, rosy pink, vigorous grower, nearly hardy.

Red Branched. The new growth of wood is a deep red color; flowers of light cherry shade, produced in immense trusses.

Thos. Hogg. A pure white variety, with trusses of flowers fifteen inches in diameter.

Each, unless noted, 15c; doz., \$1.25; the set of four hydrangeas for 60c. Extra strong 2-year-old plants, each 50c; the set of four for \$1.75, by express. Large 3-year-old plants, each, 75c.

ROSES—Continued from page 69

Helen Gould or Baldwin.—(Hybrid perpetual.) Carmine, the best ever-blooming rose yet introduced. A most thrifty grower and a free bloomer. Its color is very much like American Beauty, but more intense.

John Hopper.—(Hybrid perpetual.) Rose pink, beautiful cup-shaped flowers.

La Marque.—(Tea.) White, an American rose of great value, very hardy, blooms inclined to cluster.

Louis Van Houtte.—(Hybrid.) Dark Crimson, one of the finest dark roses.

Price: 35c each, or \$3.50 per doz.

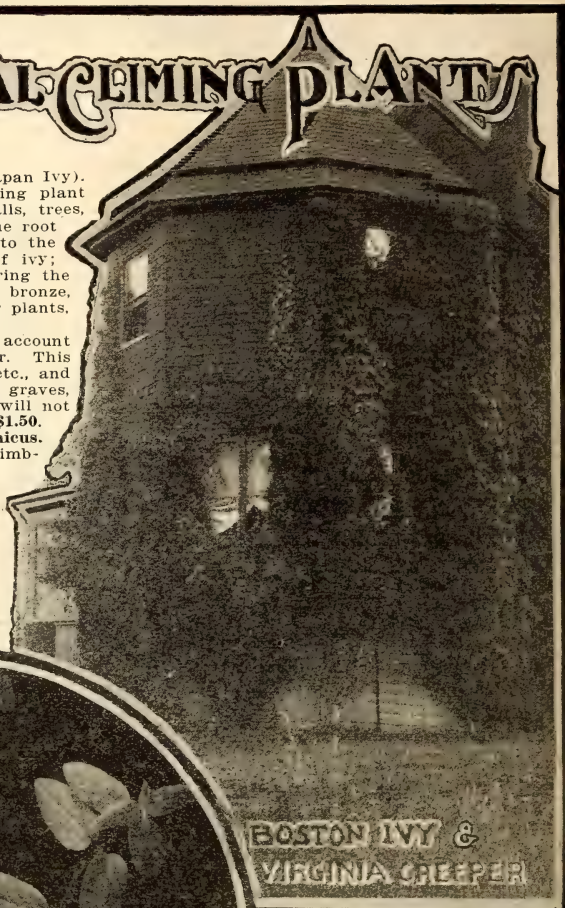
ORNAMENTAL CLIMBING PLANTS

Ampelopsis Veitchi (Boston Ivy, or Japan Ivy). The most popular and desirable climbing plant for covering brick, stone or wooden walls, trees, etc. After it becomes established at the root it is of very rapid growth, and clings to the smoothest surface with the tenacity of ivy; the foliage is of a rich olive-green during the summer, changing to various shades of bronze, crimson and scarlet in the fall. Strong plants, 25c. each; \$1.50 per doz.

Ivy—Hardy English. Invaluable on account of its remaining evergreen all the year. This is the variety used for covering walls, etc., and has become very popular for covering graves, especially if in the shade where grass will not succeed. Large plants, 25c. each; doz., \$1.50.

HUMULUS (Japanese Hop). Japonicus. A very ornamental and fast-growing climbing plant. The foliage resembles in shape that of the common Hop, is very dense, and in color a lively green; annual, 25c each; \$1.50 doz.

AMPELOPSIS QUINQUIFOLIA. (Virginia Creeper, or American Ivy). This well-known climber is one of the best for covering trees, trellises, arbors, etc.; its large deep-green foliage assumes brilliant shades of yellow, crimson and scarlet in the fall.



BOSTON IVY &
VIRGINIA CREEPER

Strong plants, 25c each; \$2.50 per doz.

HOP VINE (Humulus lupulue). Common. One of the very best climbers for covering unsightly places. It is a rapid grower and bears a profusion of seed pods suitable for many domestic purposes. 15c. each.

COBAEA (Scandens). Fine strong plants, 25c each.

SPECIAL OFFER
10—Beautiful Climbers—10
for \$1.50

We will send to any address a collection of 10 climbing plants, no two alike, and each carefully labeled for only \$1.50 prepaid.

HONEYSUCKLES—Halleana. A vigorous grower; flowers yellowish-white; exceedingly fragrant and freely produced. Each 25c; 3 for 50c.

Scarlet Trumpet or Coral (Sempervirens). Very strong, rapid grower, with beautiful scarlet flowers all summer. Each 25c.

Sweet-Scented Monthly (Belgica). This is one of the most satisfactory of Honeysuckles, producing continuously large trusses of very fine, fragrant flowers, red and yellow in color. Each 25c.

Japan Golden-Leaved (Aurea Reticulata). A handsome and desirable variety, with variegated foliage and yellowish-white flowers. Each 25c; doz., \$2.00.

One each of the above varieties for 75c, prepaid.

Paniculata, Sweet-scented Japan Clematis.—A Japanese plant possessing unusually attractive merits. A vine of rapid growth, covering trellises and arbors with handsome, clean, glossy green foliage. The flowers are medium sized pure white, borne in immense sheets, of a most delicate and penetrating fragrance. Flowers appear in September, at a season when few other vines bloom. 35c each; \$3.00 doz.

LILLY'S
BEST



BEGONIAS

Rex Begonia

(Ornamental-leaved Varieties.)

Many improvements have been made in recent years in this useful house-plant. Our collection, which contains six varieties, embraces all the good old varieties as well as the best of recent introduction.

Prices: 15c. each, 4 for 50c.

Tuberous=Rooted Begonias

This charming class of Begonias are perhaps the handsomest of all summer-flowering, tuberous-rooted plants, and deserve much greater popularity. Improvements made in recent years in size, texture and coloring are really phenomenal, with flowers frequently measuring from 4½ to 6 inches across, and colors ranging from the purest white and the most delicate tints of pink, yellow and orange to the most intense scarlet and richest crimson, while the double-flowering sorts are perfect rosettes, full and double to the centre. Their culture is of the simplest, and, with the least regard for their requirements, will repay with an abundance and brilliancy of bloom not equalled by any other class of plants: they delight in a rich, mellow, well-drained soil, where they can be liberally supplied with water, preferably in a position where they will be shaded from the direct rays of the sun during the hottest hours of the day, and will succeed equally well grown as pot plants for the conservatory or window garden. On the approach of cold weather tubers should be taken up, and, after drying, stored away in dry sand or similar material in a cool place, free from frost until spring.

SINGLE SORTS.

Scarlet
Orange
Yellow
Crimson
White
Pink

10c each; doz., \$1; 100, \$6.

DOUBLE SORTS.

Scarlet
Yellow
White
Pink

20c ea; doz., \$2.

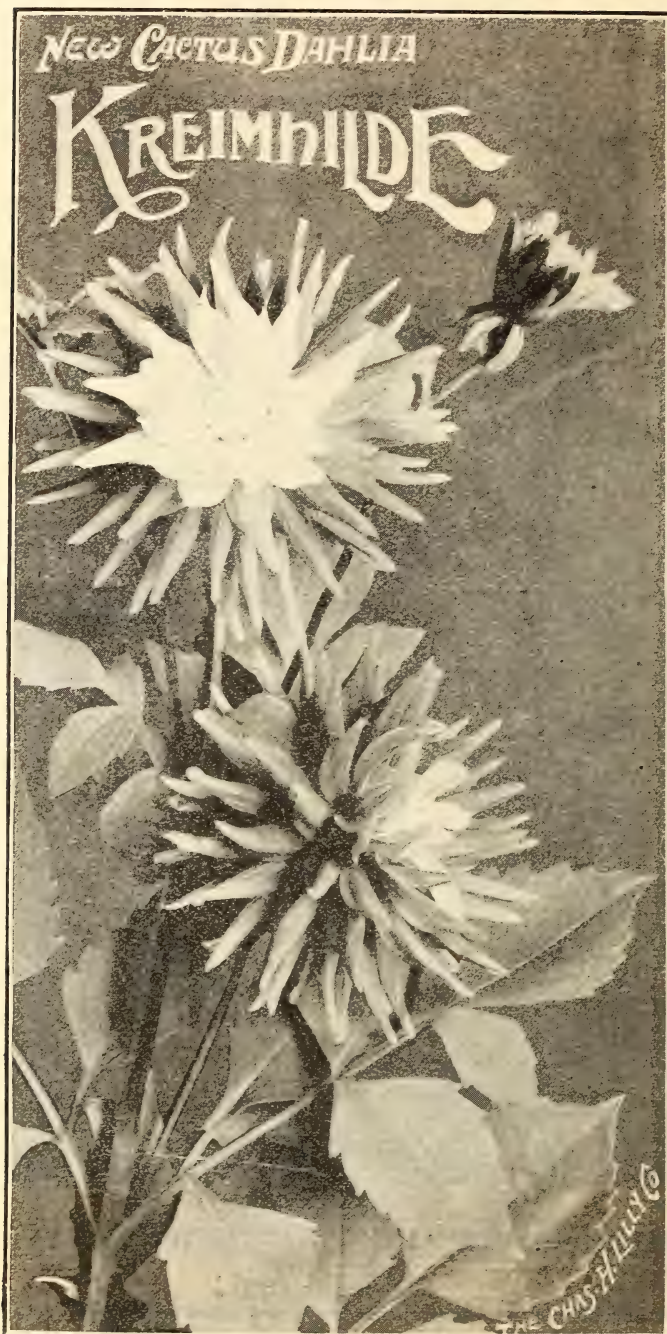


Begonia, Gloire de Lorraine

(See Illustration.)

This is a perfect gem, and undoubtedly the finest winter-flowering plant we now possess. It grows from 12 to 15 inches high, and naturally forms graceful bush specimens, which from October until April are completely smothered with their soft, delicately-colored flowers. Each, 25c.

FOR INDEX SEE LAST PAGE OF CATALOG



NEW CACTUS DAHLIA KREIMHILDE

The grandest Dahlia ever produced; took first prize wherever exhibited during 1905. Great advances have been made in the culture of Dahlias during the past few years. A wonderful interest has been created and some magnificent varieties have been evolved. But of all these Kriemhilde is the most beautiful. It is of the true cactus type. Its exquisite blossoms are borne on long stems, have a pure white center, the lower petals of a beautiful shell pink. Kriemhilde is a vigorous grower, a free and continuous bloomer, an ideal flower for cutting or show.

Price: roots, 25c ea.; doz., \$2.50, prepaid.

Twentieth Century. A grand new single variety, entirely distinct from all previous introductions and not only valuable as a flowering plant for the garden but a choice cut-flower. Is rosy crimson, tipped with white and has a white band around the disc. As the season advances they become lighter, until they are almost a pure white suffused with soft pink, not variegated but beautifully blended. **Each, 20c.; 3 for 50c.; 12 for \$1.75, prepaid.**

Lucifer, the New Single Black-Leaved Dahlia. A most unique new sort. The leaves, especially on the upper surface, are of a metallic black-brown hue, while the flower stalks are absolutely black. The single flowers are of medium size, of a glowing dark scarlet, center deep blood red. They are produced very abundantly, on long, stiff stems, throwing them well above foliage, forming a most brilliant contrast with it. The plants grow about three feet high, and are as effective as Cannas, either as single plants or in beds.

Roots, each 20c; 3 for 50c; 12 for \$1.75, prepaid.

1 each of the 3 above Dahlias sent for 60c.

FOR INDEX SEE LAST PAGE OF CATALOG

Ornamental Ferns

ASPARAGUS

(Sprengeri)

A most desirable species, exceedingly useful and ornamental as a pot plant to grow on a pedestal or to droop from baskets; the fronds are frequently 4 feet long, a rich shade of green, retaining their freshness for weeks after being cut. **Price, 3-inch pots, 15c each; \$1.50 per doz.; 2-inch pots, 10c each; \$1.00 per doz.**

ASPARAGUS, Plumosus Nanus

(Climbing Lave Fern)

Bright green leaves, gracefully arched, and as finely woven as silken mesh. **Large plants, 30c each; \$3.00 per doz. Plants from 3-inch pots, 15c each; \$1.50 per doz.**

SWORD FERN

(See Illustration)

One of the most popular plants for house culture today is the **Sword Fern**, and well it deserves this recognition of its merits. It is so ornamental, even when quite small; but as with age it attains size and its distinctive habit of growth, it makes a magnificent specimen, its long, drooping and gracefully arching fronds frequently reaching a length of from 4 to 6 feet. For outdoor culture in shady places it is also excellent. **Prices, 25c each.**

FACE FERN

(See Illustration)

A Fern of magnificent habit. The fronds being broad, long and arching, feathery and plume-like suggested the popular name, which is very applicable. It is a robust and rapid grower, very attractive in any stage of its growth, but when well developed makes an exceedingly beautiful specimen. **Price, 25c each.**

HOLLY FERN

(*Cyrtomium Falcatum*). One of the most desirable for house culture. **Price, 25c each.**

Ornamental and Flowering Shrubs

DEUTZIAGRACILIS

(Dwarf White.) Upright growing shrubs with very effective foliage in profusion in spring; flowers white, in large racemes; should have a place in every garden. Each, **55c.**

HOLLY

(*Ilex Aquifolium*.) We have fine strong young plants from 6 in. up, ranging in price from **50c up**, according to size, age and form, all of berry-bearing stock.

LILAC

(*Madam Casimir Perier*.) New. Said to be the finest double white flowers, large, compact racemes of purest white. Highly recommended by the originators in France. **Each 50c.**

SPIREA

A most indispensable flowering shrub of bushy growth of very easy culture, producing its delicate little blooms all along its twigs. It is very satisfactory for hedges and clumps. **Each 25c.**

FOR INDEX SEE LAST PAGE OF CATALOG



Seeds
With
the
Mission
to
Make
Big
Profits
for
You

**LILLY'S
BEST**

Two
Crops
Will
Grow
Where
One
Grew
Before,
if
You
Plant

**LILLY'S
BEST**

Easy to
Grow a
Whole Crop,
If You
Plant

**LILLY'S
BEST**

SPRAY PUMPS

SUCCESS KNAPSACK SPRAYER

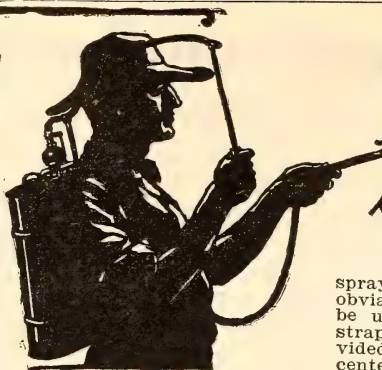
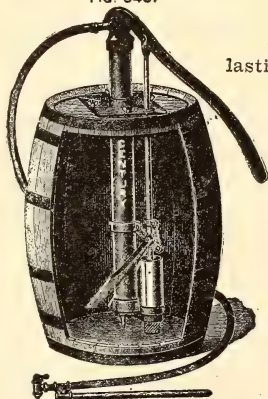


FIG. 645.

A Knapsack and Bucket Sprayer combined; 5-gal. copper tank, and brass pump with bronze ball valves. Every one who does any spraying will welcome the improved form of this popular sprayer. All objections to the Knapsack pattern have been obviated by the improvements, and this sprayer can now be used either as a Knapsack or Bucket sprayer. The straps are extra wide. All our Knapsack sprayers are provided with a mechanical agitator, and a handle at the center of the top of tank. This makes it a handy bucket sprayer. **Prices: Success Knapsack Sprayer, \$11.00; Prize Knapsack, galv. iron, \$7.50.**

THE CENTURY SPRAYER



With submerged brass cylinder, brass ball valves and "Everlasting" plunger packing. For durability, ease of operation, free waterways and positive action generally, this pump stands in the front rank. The automatic agitator is the only one that thoroughly agitates the liquid. These special features give the Century Pump the lead over all other orchard sprayers. The capacity is sufficient for all ordinary purposes. Length of stroke is 5 inches and diameter of cylinder 2 3/4 inches. The air chamber is large, and the discharge is fitted with a "Y" for two leads of 1/2-inch hose. The pump is furnished regularly with a cast base with hook bolts to fasten to the end of barrel. This base has a large hole with cover for filling the barrel. It is the easiest of any pump made to mount on barrel.

PRICE LIST.

- Fig. 645. Century Sprayer only.....\$11.00
- Fig. 645, Outfit A, same as above, with 12 1/2-ft. section of hose and Bordeaux Nozzle with pole connection.. 14.00
- Fig. 645, Outfit B, Century Sprayer, with two 12 1/2-ft. sections of hose, Bordeaux Nozzles and pole connections 16.50

The Century

LITTLE GIANT BUCKET PUMP Price, complete, as shown in cut, \$3.

Gasoline Engine Spraying Outfit

For tank on wagon, in spraying orchards and shade trees. The complete outfit is readily mounted on wagon bed or tank wagon. Indispensable for large orchards and parks. Write for full description and price.

KEROSENE ATTACHMENT.—This is essentially the same as the Success Knapsack Sprayer, but has the attachment for kerosene spraying in addition. Kerosene tank is detachable. For full description and price write us.

SPECIAL NOTICE—Every purchaser of one of our pumps receives with same, when requested, a copy of "Spraying for Profit," by Howard Everts Weed, Entomologist; contains 72 pages, highly illustrated. Published price, 20 cents.

LITTLE GIANT. Fig. 639.



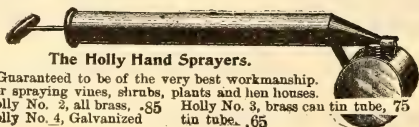
LILLY'S BEST SPRAY HOSE

Lilly's Best 7-Ply. This hose has been tested to 240 lbs. pressure without injury; made of high-grade rubber and long fibre cotton duck woven especially for service. Thoroughly satisfactory for either barrel or power sprayers.

In lengths of 50 feet, coupled before shipment; 25c for coupling charged on 1/2 and 3/4 inch hose in 25-foot lengths. **Price per foot: 1/2 inch, 15c; 3/4 inch, 20c.**

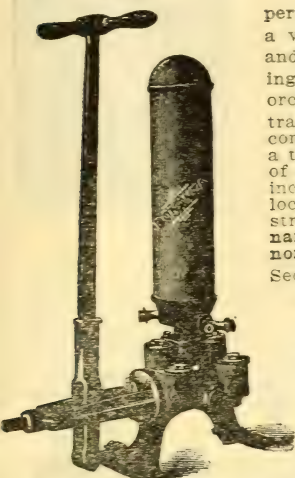
The Holly Hand Sprayers.

Guaranteed to be of the very best workmanship. For spraying vines, shrubs, plants and hen houses. Holly No. 2, all brass, .85 Holly No. 3, brass can tin tube, 75 Holly No. 4, Galvanized tin tube, .65



THE BONANZA DOUBLE ACTING SPRAY PUMP

FIG. 614.



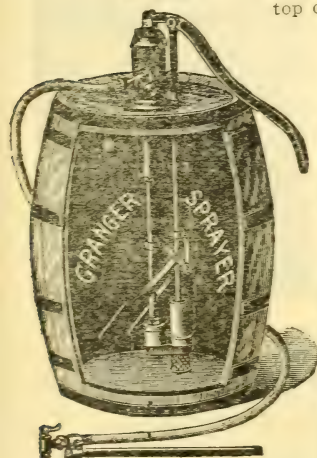
In design and construction the Bonanza Spray Pump is as near perfection as a spray pump can be made. Its salient features are a very large air chamber, brass lined cylinder, bronze ball valves and seats, guided piston rod, indestructible fabric plunger cup packing, and accessibility of valves and other parts. This is the best orchard spray pump of large capacity. The "pump only," as illustrated, is fitted with 2 Fig. 364 double discharge plain "Y" hose connections (or 3-way Fig. 366 as ordered), each connection having a tight cap on one branch, so that either two, three or four sections of discharge hose can be used at once. It also has eight feet of 1 1/4 inch wire lined suction hose and a suction strainer with nipple and lock nut for attaching to barrel or tank. Cylinder is 2 1/4 inches, stroke 4 1/2 inches. Prices: Bonanza Pump only, No. 614, \$22. Bonanza Outfit B—Pump with suction hose, 2 25-ft. leads of hose, 2 nozzles and 2 bamboo extensions, with globe valve, \$32.

Section of extra 1/2-inch hose, 25 ft. long, with couplings, nozzle and pole holder, \$4.50.

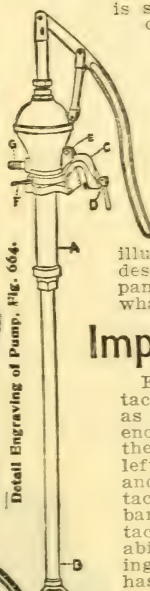
We recommend that Lilly's Best 7-Ply Hose be used with all barrel and power sprayers. It has been tested to 240 lbs. without injury at all, and is eminently the hose to use for heavy pressure. We furnish Lilly's Best Hose with all spray pumps listed on these pages.

The Granger Barrel Sprayer

FIG. 638.



We furnish with each pump a wooden base upon which the pump rests, so that you only have to cut a 10x10 inch opening in the top of the barrel, place in the pump, screw it down, and the sprayer is ready to use. In the Granger Pump the cylinder is submerged as in the Century. The diameter of cylinder is 1 1/2 inches, rendering it easy to operate and maintaining a high pressure. The air chamber is large, and the automatic agitator is similar to that on the other barrel pumps. This pump we can recommend to all fruit growers who want a good sprayer at a lower price. Prices: Fig. 638, pump only, with "Y" connection, \$9; Outfit A, pump as above, with 12 1/2 ft. of 1/2-inch hose, Bordeaux nozzle and pole connection, \$12; Outfit B, with 2 sections hose, 2 nozzles and pole connections, \$14.50.



Detail Engraving of Pump, Fig. 664.

In addition to sprayers and appliances here illustrated and described, we can get you any other description of pump desired. Write for descriptive pamphlet on Spray Pumps and Nozzles, and state what you desire. The best sprayers are shown here.

Improved Gem Spraying Outfit

Fig. 650 represents our "Gem" Spray Pump attached to our barrel cart. They are listed separately as to price below but shown together for convenience. The Gem Pump, when used in connection with the barrel cart, can be set either on the right or the left side. The cart can be pushed from place to place, and the barrel can be quickly disconnected or attached while barrel is full or empty. An ordinary barrel can be used and the trunions can be easily attached to same by any person of ordinary mechanical ability. This combination makes a splendid spraying outfit. This pump, illustrated in the outline cut, has a 4-inch stroke and 1 1/2-inch cylinder. The working parts are all brass. Prices below:

GEM PUMP.

- Fig. 664. Gem Pump, as per cut and description, with 4 feet of discharge hose and Bordeaux Nozzle\$6.00
- Seven-foot section of hose and couplings, with pole connection for Gem pump, extra. 2.00

BARREL CART.

- Fig. 650. Barrel Cart, running gear only.\$10.00
- Fig. 650. Barrel Cart, complete, with 50-gallon barrel 12.00
- Figs. 664 and 650, with barrel, all mounted. 18.00

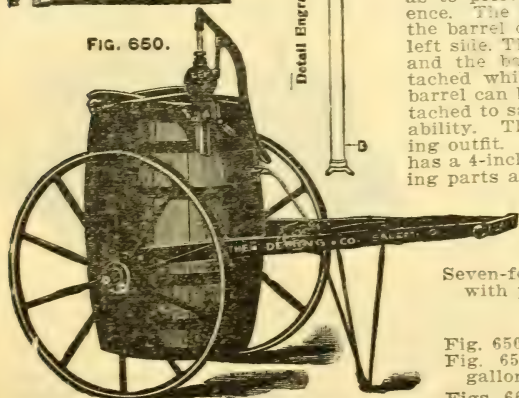


FIG. 650.

RIPPLEY'S

Whitewashing, Spraying and Painting Machine saves three-quarters time and labor

Over the brush. Fine for whitewashing poultry buildings, barns, fences, cellars, warehouses, etc. Will whitewash or spray any height by using extra hose to elevate spray. The body is made of No. 24 galvanized steel and is fitted with a first-class ball valve brass cylinder pump, which produces a high pressure. It is fitted with an agitator which works at every stroke of the pump and keeps the solution thoroughly agitated. The top is easily removed for cleaning machine. Every user speaks in the highest praise of the Rippley Machine.

SEND US ONLY \$3 as a pledge of good faith and we will ship C. O. D. one of our No. 6 eight-gallon heavy galvanized steel machines, complete with 10 ft. 1/2 inch hose, fine brass cylinder pump, 8 ft. extension rod, strainer, and 3 government receipts for preparing white-wash. **Prices: No. 6, 8-gal. size, complete, \$12.75; No. 7, 15-gal. size, complete, \$15.75.** Extra hose, 10c per foot; nozzle, 75c; extra washers, per set, 45c. No. 6 crated weighs 35 lbs.; No. 7, 45 lbs.



RIPPLEY'S COMPRESSED AIR SPRAYERS

Are guaranteed to be the best and most substantial sprayers on the market. Have safety valve, fine brass cylinder pump and a regular Vermoral spray nozzle. The seams are rivetted and double seamed. **They have been tested to 60 lbs pressure.** This is not the cheapest sprayer on the market, but it is the best and will prove cheapest in the long run. Nothing better for spraying trees 25 feet high. **Prices: 4-gal. galvanized, \$5; 4-gal. copper, \$7; 5-gal. galvanized, \$5.50; 5-gal. copper, \$8; 4-ft. bamboo rod to elevate spray, \$1; 8-ft. rod, \$1.25; 10-ft. rod, \$2.**

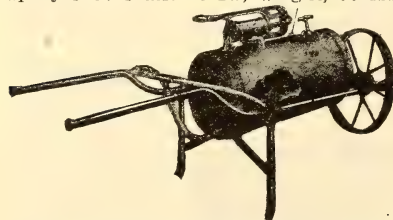
THE RIPPLEY MACHINES

Are highly recommended by all using them. S. D. Dorrance, manager of Meadow Brook Farm Co., the world's largest poultry plant, of Dallas, Penna., says: "We have been using the large No. 7 Rippley Whitewashing Machine the past summer with very satisfactory results.

At the price they have no equal." The editor of the Western Fruit Grower, St. Joseph, Mo., says that in his trips through various orchards he has seen the Rippley Sprayers tested and used regularly and comes to the conclusion it is the one machine to use in large orchards. The Compressed Air Sprayer overcomes many of the objections in the old style sprayers.

RIPPLEY'S WHEELBARROW COMPRESSED AIR SPRAYER

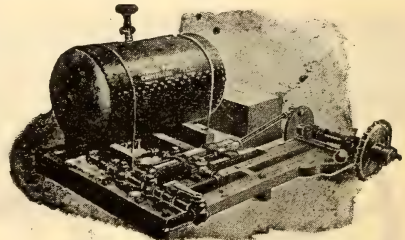
Handy for spraying lawns, fields, gardens, trees, bushes, etc., where much moving has to be done. Two rows may be sprayed at one time. Requires but two or three minutes to charge with air. Substantial frame and iron wheel 20 inches in diameter; has a 10-gal. galvanized steel tank and brass cylinder pump. It also has two single Vermoral nozzles for spraying two rows. In ordering give width between rows. Length of sprayer over all: 6 ft.; weight, 90 lbs. **Price, complete, \$22.**



This shows the Rippley Wheelbarrow Comp. Air Sprayer Ready for Work



The illustrations show how the Rippley Compressed Air Sprayers can be used for various purposes. They can be carried around and plants and trees sprayed with equal facility. It is especially handy for use in potato fields and berry patches, and the hose can be operated with one hand. The Wheelbarrow Sprayer will work on two rows readily, as it's pushed along; and it is not very heavy.



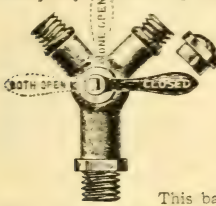
The Wallace Power Sprayer

A machine that is driven by the wagon wheel and does all that any power sprayer can do. Well built and entirely practical. It costs less than a gasoline engine outfit; no delays waiting for the thing to work; no expense for fuel. Endorsed by fruit growers everywhere. A. S. Congdon, of North Yakima, says: "I am much pleased with what I saw in the operation of the Wallace Spray Pump. It seems to do the work in the best possible manner and with a minimum of labor and expense. I have 40 acres in fruit which is too young to spray, but I expect to buy this machine next spring, as it certainly is the best I have seen." **Prices: Power Sprayer with air pressure tank, but no hose or nozzle, \$100; with 2 25-ft. leads of hose and 2 nozzles, 2 extension pipes, \$108.** Send for our booklet on the Wallace Sprayer.

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Modern Spraying Appliances.

3-Way Stop Cock, Fig. 366.

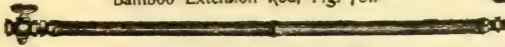


The annexed cuts represent double discharge attachments, used on larger sprayers. Either or both of the discharges may be used. Cap furnished for one end. Single end $\frac{3}{4}$ -inch pipe thread. Double ends, hose thread. Fig. 366, price, complete as per cut, . . . (Cipher, *Kestrel*) \$3.00
Fig. 364, price, complete as per cut, . . . (Cipher, *Kvaal*) 1.00

Plain Discharge Y, Fig. 364.



Bamboo Extension Rod, Fig. 751.



This bamboo extension rod is 8 feet long, one end being fitted with brass stop cock into which Figs. 749 and 966 will screw, and the other end fitted for nozzles, Figs. 963 and 965.
Price, (Cipher, *Kalender*) \$1.25

Spray Pipe Extension, Fig. 970.

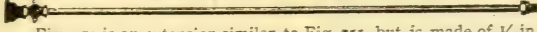


Fig. 970 is an extension similar to Fig. 751, but is made of $\frac{1}{4}$ -in. iron or brass pipe, 8 feet long. Price, iron pipe, . . . (Cipher, *Kaland*) \$1.00
Price, brass pipe, (Cipher, *Kalfi*) 4.00

Gauze Strainer, Fig. 367.

Fig. 367 is a strainer of large area covered with fine gauze so that nothing can pass which will clog the nozzles. Furnished with our Barrel Sprayers.



Price, for 1-in. pipe, . . . (Cipher, *Kantiss*) \$0.75

Hose Nipple, Fig. 951.



For $\frac{1}{4}$ or $\frac{3}{8}$ -inch hose,
(Cipher, *Kantian*)
\$0.30



Pressure Gauge, Fig. 688.

This gauge is often used on large pumps for orchards, and on white-washing and painting machines.
Price, $\frac{1}{4}$ -inch pipe,
. . . (Cipher, *Kamsin*) \$2.50.



Globe Valve
Fig. 753
Can be used on extension pipe.
Price 65 cents.

Nozzle Coupling and Hose Stock, Fig. 749.



This cut represents the hose stock for Spray Nozzles. Has $\frac{1}{4}$ -inch pipe thread, which fits all our nozzles. Opposite end for $\frac{1}{4}$ -inch or $\frac{3}{8}$ -inch hose, as ordered. Fig. 971 pole holder fits this.
Price, as per cut, (Cipher, *Keyhole*) \$0.25

Combination Nozzle and Hose Coupling, Fig. 966.

This brass combination Nozzle and Hose Coupling will fit $\frac{1}{4}$ and $\frac{3}{8}$ -inch male hose coupling. Has $\frac{1}{4}$ -inch pipe thread on small end to fit our spray nozzles. Furnished separately, as listed below. Fig. 971 pole holder fits this.
Price, as per cut, (Cipher, *Keyhole*) \$0.25



Improved Brass Elbow, Fig. 962.
For underspraying. This fits any of our Nozzle Connections (has $\frac{1}{4}$ -inch pipe thread), and is furnished with Figs. 654, 675, and 676.
Price, (Cipher, *Kyanite*) \$0.25

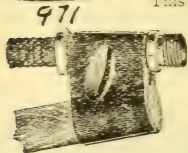


Double Spraying Attachment, Fig. 980.

The annexed cut represents a spraying attachment, Fig. 980, for two nozzles. Either Bordeaux or Vermorel may be used. Single end connects to either Fig. 749 or 966. Shown above.
Price, as per cut, . . . (Cipher, *Kressole*) \$0.50

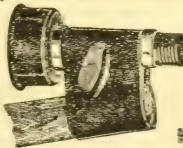
Extension Pole Holder, Fig. 971.

This improved attachment may be connected to and used with either Figs. 749 or 966 nozzle couplings shown above. For convenience in handling, the hose may be tied to the pole.
Price, as per cut, . . . (Cipher, *Kruller*) \$0.25



These Cuts Show How Fig. 971

is attached to Fig. 749 hose stock, and Fig. 966 combination coupling. See separate cuts above.



Brass Hose Couplings,
Fig. 949.
 $\frac{3}{8}$ -in., \$0.15 $\frac{1}{2}$ -in., \$0.20



Patent Hose Clamp,
Fig. 955.
 $\frac{1}{2}$ -in., \$0.10

The "Incomparable Bordeaux" Spray Nozzle, Fig. 965.

PATENTED AND TRADE MARK REGISTERED.

The "Bordeaux" Nozzle is the simplest and best combination spraying nozzle on the market. It throws a solid stream or a fan-shaped spray, adjustable to any fineness; is readily degorged by turning the cock handle. It will also throw a long distance coarser spray for spraying very large trees; or it may be shut off altogether—features possessed by no other spray nozzle. Furnished with all of our spray pumps except kerosene sprayers. Fits nozzle couplings, Figs. 749 and 966. We are sole manufacturers of the Bordeaux Nozzle and own the patents and trade mark.

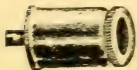
Price, for $\frac{1}{4}$ -in. pipe, as per cut, (Cipher, *Keepsale*) \$0.75

The "Deming-Vermorel" Spray Nozzle, Fig. 963.

The "Deming-Vermorel" is an improvement on the Vermorel Nozzle. It is very simple in construction and throws a finer spray than any nozzle in use. This nozzle will be furnished with any of our pumps instead of the Bordeaux, when so ordered. Fits nozzle couplings, Figs. 749 and 966. Furnished regularly with kerosene sprayers. Price, for $\frac{1}{4}$ -in. pipe, as per cut, (Cipher, *Keffer*) \$0.75

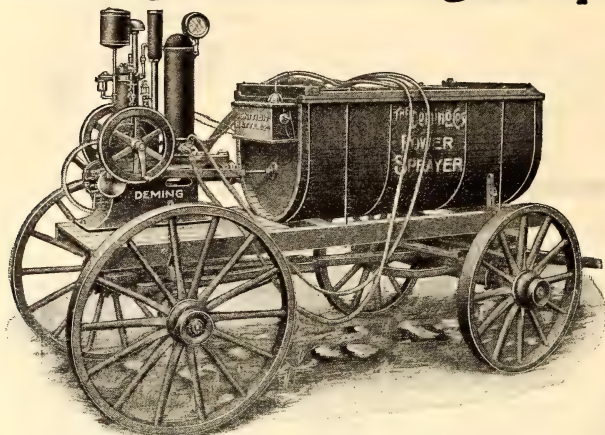


The Acme Spray Nozzle, Fig. 960.



The Acme is a light, simple nozzle, which will throw a fine spray or a solid stream, as desired, and is popular in some sections. It is furnished with Prize Sprayer, Fig. 664.
Price, (Cipher, *Kelpie*) \$0.50

Deming Gasoline Engine Spraying Machine



Used With Tank on Wagon.
For Spraying Orchards and
Shade Trees.

The engine cylinder is water-cooled. The piping for circulation is ingeniously constructed with an expansion tank (operating like a hot water heater), as shown in the engraving, and thus the necessity of pumping the cooling water is obviated. Drip cocks are provided for draining. The filling is done in the expansion tank, the top of which is removable. The base of this outfit is a tight tank or reservoir for the cooling water. The electric igniter is strong, and the current is furnished by improved dry batteries. The lubrication is simple.

The pump is double-acting, similar to Fig. 614, described elsewhere. The pump speed is about 50 revolutions per minute. A safety valve and pressure gauge are furnished.

The complete outfit is readily mounted on wagon bed or tank wagon. It is furnished as above described with gasoline can, dry batteries (in a strong box), a can of lubricating oil, and a starting crank. The machine complete is a valuable outfit for the farmer, orchardist or park superintendent. Write for price, delivered to your station.

During 1905 we loaned the Washington College of Agriculture a Deming Engine Sprayer to carry on experiments in spraying in the Yakima Valley. The pump gave them such good satisfaction that at the end of the season they purchased it for their own use. The college is printing a bulletin giving the results of their experiments. We will be glad to mail a copy of this bulletin free on request.

HOT-BED THERMOMETERS.

Style No. 990. Is a glass tube mounted in a 12-inch round-turned wood case, with brass pointed bottom and handle top. Is especially graduated for hot-bed use, and recommended for use where growing mushrooms. Price, \$1.00 each.

BEAN CYCLONE.

"Unequaled Cyclone Nozzle."

The Bean Cyclone long distance nozzle furnishes a perfect spray. There are no parts to catch on the limbs, and the nozzle is fitted with a steep cap which does not cut out easily. A second cap with larger hole is also furnished with each nozzle. To clean, it is only necessary to jab the end against a tree, which forces the cap back onto a pin and opens the hole. The pressure from the pump instantly forces the cap back to position. Price with two tips, \$1.00.

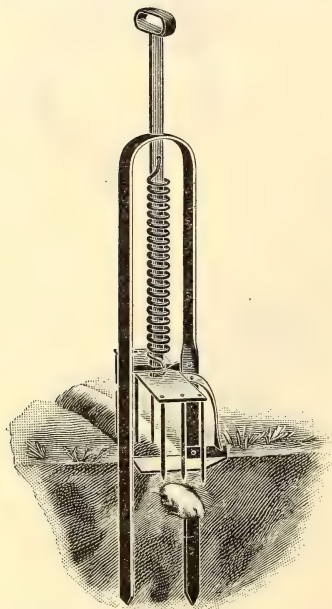
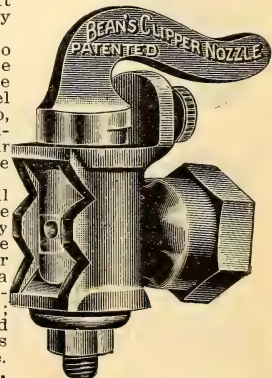


BEAN CLIPPER NOZZLE.

The Bean Clipper is by far the best nozzle, throwing a broad, fan-shaped spray. It prevents wasting of the spray and drippage.

1. The spraying lips are so shaped that all parts of the spray as they come from the center hole in the plug travel the same distance on the lip, thus meeting the same resistance and carrying just as far after leaving the nozzle. Hence no material is wasted.

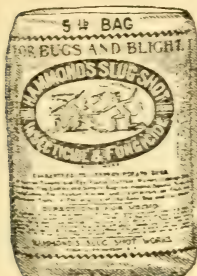
2. Any drops naturally fall into the notches on either side of the spraying lips, where they are instantly caught up by the spray. Hence there is little or no drippage. It throws either a fan-shaped spray, a long-distance spray or a solid stream; can be shut off altogether and has same patent adjuster as the "Bean Double" nozzle. Packed in a neat box. Each \$1.



THE REDDICK MOLE TRAP.

All the Old Traps boiled down into a better one at one-third the old price. A First-Class Trap. No mole can pass under this trap and live. Price, \$1.00.

Spraying Materials and Washes



Bordeaux Mixture. Used for destroying a great variety of insects and scale. Prices: 1-quart cans, 50c.; 1-gal. cans, \$1.50.

Kerosene Emulsion. Will kill suctorial insects. 1 quart, in tin cans, 60c.; 1 gallon, in tin cans, \$1.50.

Paris Green. Poor Paris Green is dear at any price. The brand we handle is warranted strictly pure and will comply with state laws. Effective against all chewing insects. 1-lb. package, 35c.; 2-lbs., 65c. Write for prices for large quantities.

Whale Oil Soap. Used as a summer spray for hop louse and green aphid. 1-lb., 10c.; 25-lb., \$2.00; 100-lb., \$6.50.

Bluestone. Used successfully in the winter sprays. Per pound, 8c. If wanted in 100-lb. or barrel lots, send for price.

Hammond's Slug Shot—An excellent preparation for destroying cabbage and turnip lice, potato bugs, currant worms and other insect pests in the garden and orchard.

Hammond's Grape Dust—A preparation to kill mildew on grape vines, rose bushes, and other vines; also kills mold, rust, etc. Price, 15c. lb.; 50c for 3 lbs.

Lime—The best stone Lime for spray mixture. Bbl., \$1.50.

Sulphur—Best grade powdered Sulphur. Price, 4c. per lb.; 100-lb. bags at \$2.75.

Salt—Half ground for spraying mixtures. 50c. per 100 lb.

Quassia Chips—Used with whale oil soap for lice or cabbage, cauliflower, etc., and on fruit trees. Lb., 10c.; 10-lb. 70c.; 100 lbs., \$6.00.



No. 1039.

Hellebore—Especially used for destroying turnip, currant and gooseberry worms, larvae of sawflies, etc. One lb. cans, 60c.

Caustic Soda—Best grades in 10-lb. cans at \$1.00 each.

Babbitt's Lye—Sealed cans, 10c. each; \$1.00 per dozen.

Tobacco Stems—By the bale, \$2.50 per 100 lbs.; less than bale, 5c. lb.

Nico-Fume Tobacco Paper—For fumigating green houses; strongest tobacco paper on market; does not injure blooms. Packed in special tins. 24 sheets, 75c.; 144 sheets, \$3.50; 288 sheets, \$6.50.



No. 1040.

Brown's Tree Soap—For destroying green aphid and other sap-sucking and leaf-eating insects. Per cake, 20c.

POWDER BELLOWS AND GUNS.

For applying sulphur, lime and dry powders on plants, vines, poultry, etc. We have a large variety to select from. Prices as follows: No. 1039, large, \$1.50 each; small, \$1.25. Prices of Powder Gun: No. 1041, Tornado, Defender, or Quick Loader (small), 10c. each; No. 1040, Houchin's or Jumbo (large), 20c. (See also prices of Holly Hand Sprayers.)

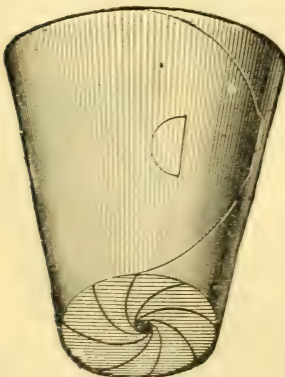
Tree and Plant Labels—Packed 1000 in package. Tree labels painted, per 100, 15c.; per 1000, 75c.; painted and wired, per 100, 25c.; per 1000, \$1.25. Pot labels, 4-inch, per 100, 15c.; per 1000, \$1.00; 5-inch, per 100, 15c.; per 1000, \$1.15.

Rattan Reeds—No. 1, per lb., \$1.60; No. 2, \$1.40; No. 3, \$1.50; No. 4, \$1.15; No. 5, \$1.00; No. 6, 90c.



No. 1041.

FLOWER POTS AND SAUCERS—made of the best clay

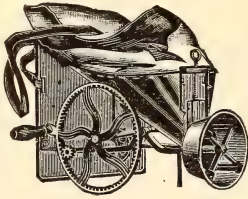


No. 1043.

SIZE.	POTS.				SAUCERS.		
	Ea.	Doz.	100	1000	Ea.	Doz.	100
2½ inch ...	.02	.20	1.75	12.50	.....	.....	.....
3 " " ...	.04	.35	2.25	15.00	.....	.....	.....
4 " " ...	.05	.50	3.00	20.00	.03	.30	2.00
5 " " ...	.07	.70	4.00	30.00	.04	.35	2.25
6 " " ...	.10	1.00	5.00	40.00	.05	.50	3.00
7 " " ...	.12	1.25	6.00	50.00	.07	.75	3.75
8 " " ...	.15	1.60	8.00	70.00	.08	.80	4.25
9 " " ...	.25	2.50	.....	.....	.10	1.00	5.00
10 " " ...	.30	3.20	.....	.....	.12	1.25	6.00
12 " " ...	.50	5.00	.....	.....	.20	1.80	.....
15 " " ...	.90	9.60	.....	.....	.25	2.40	.....

Flower Pots, Neponset—Unbreakable. Light and economical; the only Pot to use for shipping plants; also excellent for greenhouse use. (See illustration.) Prices, per 100: No. 1043, 2½-in., \$3.00; 3-in., \$5.00; per 100: 2½-in., 50c.; 3-in., 75c.

THE CAHOON HAND BROADCAST SEEDER



For Sowing ANY Grain or
Grass Seed

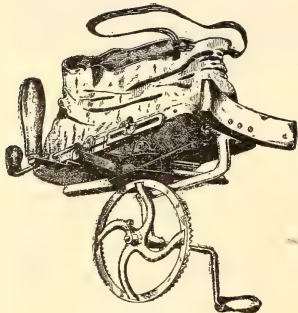
IS THE GUARANTEED STANDARD

SEED SOWER

OF THE WORLD.

The Perfection, Jr., Seeder

Distinct and superior in many respects to other makes—simple, durable and reliable. Has ball bearings and is the easiest running seeder made; will do good work with any kind of seed. Put up one in a box. Price, No. 1037, \$1.90.



No. 1037.

No. 4666—9-Inch. Extra quality, bright finish, German make, Volute spring. Price, 75c.; postage, 15c.

No. 4666—10-Inch. Same pattern as above, \$1.00; postage, 15c.

No. 4668—Sheep Toe (see cut.) An 18-inch, malleable Japanned handle, flat brass springs; not generally recommended. Price, 50c.; postage, 15c.

No. 4669—Reiser. A genuine Reiser pattern, with extra blade, extra quality, polished, double brass springs, ratchet nut. Price, \$2.25; postage, 15c.

No. 4667—Branch Shear (see cut.) With handles 26 inches long; will cut stick 1 1/4 inches in diameter. \$1.00.

No. 4670—Waters' Tree Pruners (see cut.) A shear mounted on long pole; very convenient for topping trees. Prices: 8-foot handle, \$1.00; 10-foot handle, \$1.10; 12-foot handle, \$1.25.

No. 4671—Pruning Knives. One blade, cocoa handle, iron lined, glazed blade, 75c. each; postage, 10c.

No. 4672—Budding Knives. 3 1/4-inch, one blade, buffalo handle, with white end, brass lined, German silver bolster, full Crocus finish. \$1.25 each; postage, 10c.

Grafting Wax. Best quality, 1/2 lb., 15c.; 1 lb., 25c. Special prices in large lots. Add 16c. lb. for postage.

Raphia—For wrapping scions after budding tree. 20c. lb.; 10 lbs. or over at 18c. Add 10c. for postage.

Beeswax and Rosin—For parties who make their own grafting wax, we can supply at the lowest figures, Beeswax at market price, from 30c. to 35c. lb. Rosin, 1 lb., 10c.; 100 lbs., \$4.00.

LILLY'S CROP BOOK

This little book has been compiled with especial reference to methods and conditions with the Northwestern crop raisers. With each order for seeds amounting to 25 cents or more we will send a copy free to you, provided you will make a request for it at time of ordering. It is well worth a dollar, but we send it as an appreciation of your trade.

No. 4665.

FOR INDEX SEE LAST PAGE OF CATALOG

The Cahoon is one of the most popular broadcast sowers on the market; positive and accurate in operation, and its force feed throws the seed from 15 to 36 feet, according to weight. Malleable iron frame; steel hoppers and gate, and brass discharger. Price, No. 1035, each, \$3.50.

The New Cyclone Seeder is a good machine and will sow 40 to 60 acres a day, doing good, even work. Price, No. 1036, \$1.90.

Eureka Seed Drill

For Kitchen, Garden and Hot Bed. A necessary little tool for everyone who sows in hot beds or has a small garden; saves seed, saves time and produces a better stand. Will sow all kinds of small seed in drills; opening furrow, sowing and closing furrow, all at one operation. Price, No. 1038, only \$1.

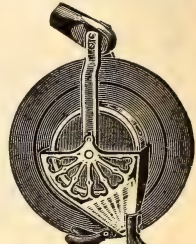
Pruning Saws

No. 4663—Duplex. A double-edge saw, with fine teeth on one side and coarse teeth on the other. 12-inch, 50c.; 16-inch, 60c.

No. 4664—California Crescent. A curved saw with teeth on the concave side; best quality steel. 12-inch, 50c.; 14-inch, 60c.

PRUNING SHEARS

No. 4665—9-Inch. California pattern, German make, black finish, polished blade, Volute spring. Price, 60c.; postage, 15c.

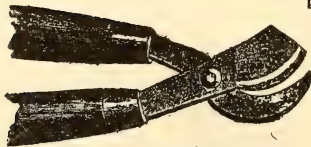


No. 1038.

Price, 75c.;



"Sheep Toe" Clipper.

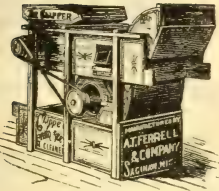


BRANCH SHEARS



FARM TOOLS

The "Clipper" Grain, Seed and Bean Cleaner

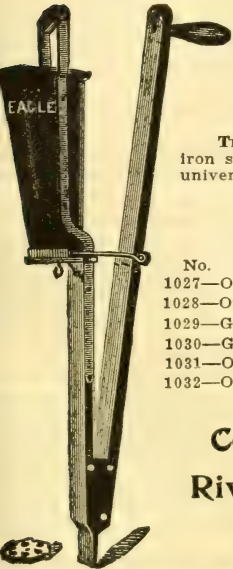


No. 1 Clipper

Without doubt the best seed and grain cleaner on the market. When it comes to real nice, clean work, it is far ahead of all the others. Especially adapted for making effectual separation of wild oats, cheat, cockle, and all foreign seed from wheat and oats, as well as cleaning the perfect seed. If you want the best cleaner on the market today, one that is guaranteed to please you, buy "The Clipper." We use several of these machines in our warehouse, and they do excellent work.

Prices: No. 1, \$30.00; No. 2, \$35.00.

Hand Corn Planters

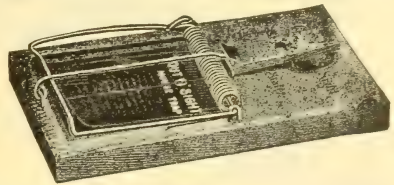


Eagle Corn Planter.—Decidedly the best hand corn planter made, and a very desirable implement for those who have a quantity of corn to plant. It puts the corn exactly where you want it, and at a proper depth. Easily worked and a most satisfactory tool in every way. Price, \$1.50; weight, 6 lbs.

Triumph.—Has no objectionable features. Is made of good material. Has iron seed box and iron channel; foot of polished steel. Strong, durable, and gives universal satisfaction. Price, \$1.25; weight, 5 lbs.

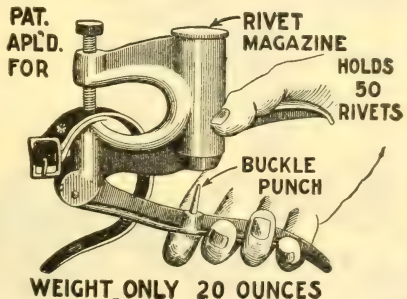
Animal Traps

No.	Each.
1027—Out o' Sight Mouse Traps.....	10c
1028—Out o' Sight Rat Traps.....	15c
1029—Gee Whiz Mouse Traps.....	5c
1030—Gee Whiz Rat Traps.....	10c
1031—Out o' Sight Mole Traps.....	75c
1032—Out o' Sight Gopher Traps....	25c



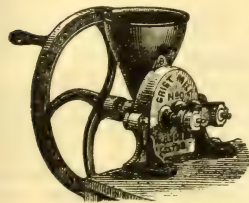
Combined Riveter Rivet Magazine and Buckle Punch

A complete outfit for repairing harness, belting, etc., or anything where a well-clinched rivet will serve the purpose. Rivets on loops and keepers, punches buckle holes in harness and holes in belting for lacing, etc. Can be used in any position, mending harness while on the horse. Price of machine, complete, with magazine full of assorted rivets, No. 1033, 75 cents.



WEIGHT ONLY 20 OUNCES

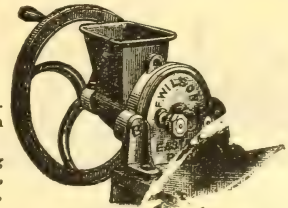
Wilson's Family Grist Mill



No. 1034-0

Wilson's Grist Mill, No. 1034-0. Especially constructed for grinding graham flour, corn meal, etc. Price, \$5.00.

Wilson's Mill No. 1034-1. For grinding dry bones, shell, grain, gravel, old crockery, glass, etc. Price, \$5.00; sieve attachment, 60c.



No. 1034-1

Gasoline Engines

We handle a complete line of Gasoline Engines, from 1½ horse power up to any desired size, are suitable for running large bone mills, clover cutters, small grist mills, cream separators, fanning mills, etc. We will mail to any one interested a catalog, with complete description and prices.

FOR COMPLETE INDEX SEE THE LAST PAGE OF CATALOG

"Planet Jr." Farm and Garden Tools



Adapted to the Northwest

No. 4 Combined Hill and Drill Seeder and Wheel Hoe Cultivator and Plow. Price, \$11.00; Drill only, \$9.00.

This admirable tool combines in a single convenient implement a capital hill dropping seeder, a perfect drill seeder, a single wheel hoe, a cultivator and a plow. It holds two quarts, and, as a seeder, is like the No. 5, sowing in continuous rows, or dropping in hills at five different distances. It is thrown out of gear by simply raising the handle. The index is accurate, simple and easily set. The drill is detached and the tool frame substituted by removing but one bolt. It then becomes a single wheel hoe, garden plow or cultivator. It is useful almost every day of the season at every stage of garden work. With this one implement the small farmer can do practically all the work in his small crops.

A set of three rakes supplied when specially ordered. Price, \$1.00 extra.

No. 25 Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plow. Price, \$14.00.

It practically combines in one tool the No. 4 Drill and No. 12 Double Wheel Hoe.

As a drill it is almost identical with the Planet Jr. No. 4 Drill; will sow in drills or hills, 4, 6, 8, 12 or 24 inches apart, and has the same feed, hill dropping mechanism and automatic device for throwing out of gear and the new combined cut-off and seed index, with brass thumbscrew adjustment. It is thoroughly substantial and is accurate in sowing all kinds of garden seeds in either hills or drills.

No. 3 Hill and Drill Seeder. Price, \$11.00.

Hopper holds three quarts; 15-inch patent steel driving wheel, with broad face, which makes the drill run easily, even when full. The quantity of seed is regulated by an accurate index, conveniently placed at the top of the handle, and carefully graduated for either hill dropping or drilling. The flow of seed is started or stopped by a single movement of the fore-finger. The roller is broad and hollow-faced, leaving a wide, smooth track for the wheel hoe. It is extremely simple, and will not injure the most delicate seed.

No. 1 Combined Drill, Seeder and Wheel Hoe, Cultivator and Plow. Price, \$10.00.

This has long been the most popular combined tool made. From a drill it is changed to its other uses by removing two bolts, when hoes, etc., can be quickly attached. It is an excellent seed sower, a first-class double or single wheel hoe.

A pair of six-tooth rakes supplied when specially ordered. Price, \$1.00 extra.

No. 2 Drill Seeder.

Very much like No. 1, except that it has no cultivating tools and holds more seed. Price, \$8.00.

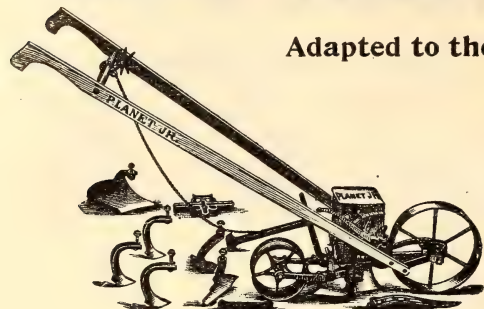
DOUBLE WHEEL HOES.

The Planet Jr. double wheel hoes are the greatest tools in the world for the gardeners. They do more work, and do it better and easier than can possibly be done in any other way. They represent the very highest perfection in every detail.

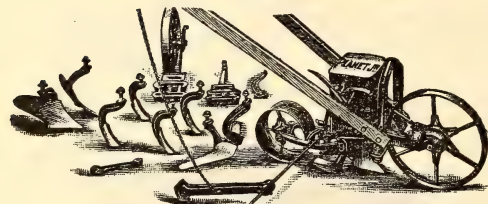
No. 11 Double Wheel Hoe, Cultivator, Rake and Plow. Price, with attachments as shown in cut, \$9.50.

No. 12 Double Wheel Hoe, Cultivator and Plow. Price, \$7.50.

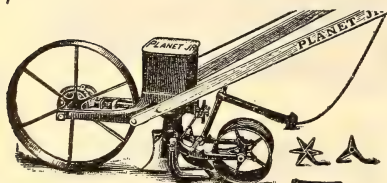
This tool is identical with No. 11 Wheel Hoe, except that it has fewer attachments, and is sold at a correspondingly lower price. The tools shown and sold with No. 12 are what gardeners mostly use and the others can be added as wanted.



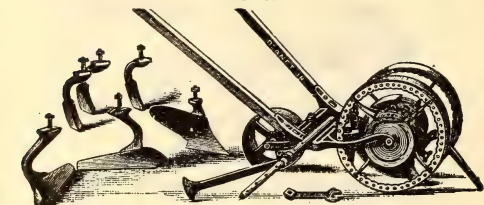
No. 4.



No. 25.



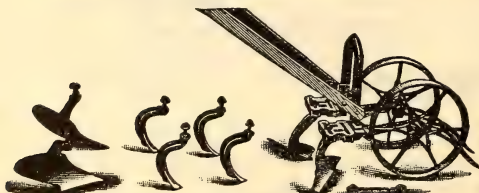
No. 3.



No. 1.



No. 11.

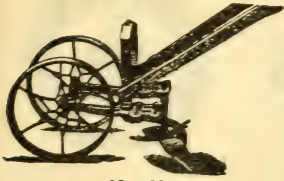


No. 12.

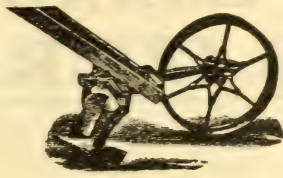
Complete "Planet Jr." Catalog sent free on request.

FOR INDEX SEE LAST PAGE OF CATALOG

Planet Jr. Machines—Continued



No. 13.



No. 18.



No. 17 1/2.

No. 13 Double Wheel Hoe. Price, \$5.25.

This tool is the No. 11, with 6-inch hoes only, these being the tools that are most generally useful. Any or all of the other tools shown with No. 11 may be added at any time, and are sure to fit.

No. 17 1/2 Single Wheel Hoe and Cultivator. Price, \$5.00.

Fire Fly Plow. Price, \$2.50.

This tool is most useful in small gardens. Chicken raisers will find it very useful in plowing up the scratching yards.

No. 18 Single Wheel Hoe. Price, \$4.00.

This tool has the same frame and handles as No. 16, but has one pair of 6-inch hoes only—the tools that are most constantly useful throughout the season. All the other tools can be added as needed.

Farmers' No. 19 Single Wheel Hoe, Cultivator and Plow. Price, \$4.25.

This new and attractive implement is especially designed for the farmers' garden work, though it offers to everyone with either field or garden a cheap and effective tool for all hand wheel hoe operations. The wheel is high and is made with a stiff steel rim and spokes. The handles may be readily changed to suit man or boy.

No. 8 Horse Hoe and Cultivator. Price, with attachments as in cut, \$9.00.

Probably no other cultivating machine is so widely known as the "Planet Jr." Combined Horse Hoe and Cultivator, for it is in use throughout the civilized world. It is so strongly built as to withstand incredible strain, yet it is light and easy to handle.

Planet Jr. No. 9 Horse Hoe and Cultivator. Price, \$7.90.

Similar to No. 8, but without lever

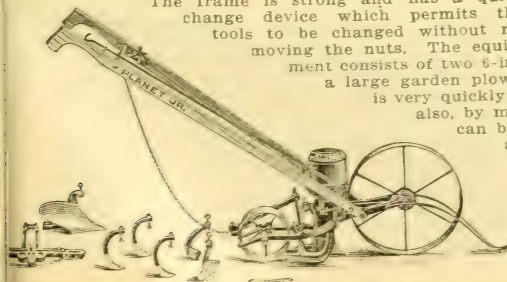
Planet Jr. Twelve-Tooth Harrow, Cultivator and Pulverizer. Price, plain, \$6.30; with wheel, \$7.40; complete, \$9.00.

This tool has rapidly grown into favor with farmers, market gardeners and strawberry growers. It has a high frame and the chisel-shaped teeth cut an inch wide each. It may be set with teeth trailing.

The foot lever pulverizer is a capital addition for preparing ground for the seed drill or for plant setting. Hand levers regulate both width and depth while in motion.

The latest Planet Jr. Seeder has been held back until very detail has been made perfect. It drops in hills and rows in drills all garden seeds with the greatest regularity, in a narrow line, to any exact depth required, covers hills down and marks the next row, all at one passage.

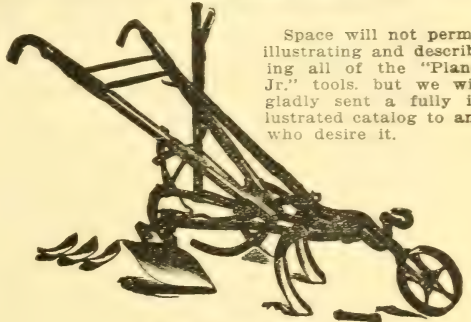
The frame is strong and has a quick change device which permits the tools to be changed without removing the nuts. The equipment consists of two 6-inch Planet Jr. hoes, three improved steel cultivator teeth, a large garden plow, and improved leaf guard. The adjustment for depth is very quickly made by loosening one bolt and all changes of the teeth also, by means of our quick change frame. Both sides of the row can be hoed at once when the plants are small, by means of a frame extension which goes with this machine. The hoes are well known superior Planet Jr. form, which may be set to cut furrow away row or to throw very slight furrow towards it. Combination is best and most useful we have ever offered, but we sell in several forms as given below. No. 6 Planet Jr. Combined Hill and Drill Seeder Hoe, Cultivator and Plow, \$14.00; No. 6 Planet Jr. Hill and Drill Seeder, \$11.50; No. 6 Planet Jr. Single Wheel Hoe, Cultivator and Plow, \$6.75.



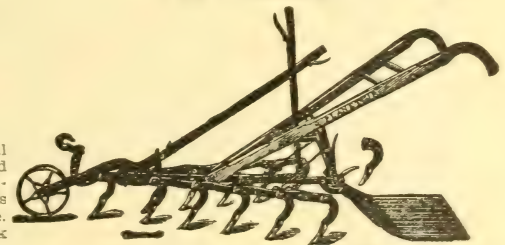
No. 17 Single Wheel Hoe, Cultivator and Plow, as in Cut. Price, \$5.50.



No. 16 Single Wheel Hoe, Cultivator, Rake and Plow. Price, \$6.35.



No. 8 Horseshoe.



Twelve-Tooth Harrow, complete.

Space will not permit illustrating and describing all of the "Planet Jr." tools, but we will gladly send a fully illustrated catalog to any who desire it.

HOLLY BRAND FERTILIZERS



WHY YOU SHOULD USE COMMERCIAL FERTILIZER.

1st. Because it costs no more to prepare, plant, cultivate and harvest a full crop than it does a half crop.

2nd. The crop that is healthy and a vigorous grower is not nearly so apt to be troubled with insects, scale and other pests.

3rd. On a crop where fertilizers have been used the product is not only greater in volume, but is much better in quality and will sell for more per bushel or hundred weight.

THE COMPOSITION OF FERTILIZER.

In all forms of Fertilizers there are three essential elements, without any one of which the full value of the others cannot be had. These necessary elements are Potash, Nitrogen and Phosphoric Acid, and they must be present in some form in every complete fertilizer.

POTASH. On the Pacific Coast Potash is to be had in only one form, that of Potash Salts. There are three kinds of these, i. e., Kanit, Muriate of Potash and Sulphate of Potash. Wood ashes also contain available potash, but usually it costs more to gather and apply than the Potash can be bought for in the form of Potash Salts. The function of Potash is to produce fruit. It is a very essential item, especially on land west of the Cascade mountains, which is very deficient in this element. The use of Potash will give a heavier and better yield. For instance, when used on hops the crop will have a better color and be much heavier in weight. On strawberries and other fruits the berries will be much larger and of better color. On potatoes and root crops the yield will be very largely increased and the quality will also be improved.

NITROGEN. This is also an essential element. It produces the leaf and the stalk of the plant. Nitrogen is the most volatile of the three elements and, therefore, must be applied every season. It is required in almost all soils, except where crops of clover, peas or other legumes are being or have been grown. We derive Nitrogen from fish guano, dried blood and nitrate of soda.

PHOSPHORIC ACID. This element enables the plant to make full use of the Nitrogen and Potash. While this is a necessary element, yet it is not as conspicuous by its absence in our soils as either of the other two elements above mentioned. Yet, strange to say, about the first thing the average person thinks of applying on soil is bone meal, which is practically nothing but Phosphoric Acid. We derive Phosphoric Acid from the following sources: Bone meal, blood and bone, acid phosphate, fish guano and tankage.

In using Commercial Fertilizer we are benefited not only by the direct result of their use, but also by the fact that they put the ground in better mechanical condition and the chemical action that takes place when this fertilizer is mixed in the ground releases other elements which are in the soil, but which are otherwise unavailable. We have often had objection made to the use of chemical fertilizer, the claim being made that the fertilizer has to be applied every year. This can be easily answered as follows: If you apply the fertilizer and then take off a crop representing as many pounds of Phosphoric Acid, Potash and Nitrogen as you have added, naturally another season you would have to apply the fertilizer again. As the old saying is: "You cannot keep your cake and eat it, too." But for every dollar's worth of fertilizer that you put on your land you should get two dollars' worth of product off it, in addition to what you hitherto had been getting.

With the exception of Potash, which we must derive from mineral sources, all our complete fertilizers are made up from animal matter, the Nitrogen and Phosphoric Acid being derived from animal substances instead of mineral. This makes the fertilizer of much greater value than where these elements are derived from minerals or chemicals. The animal fertilizer retains its value for a greater period of time than does the mineral, and, in addition, has the value of giving a certain warmth to the land, creating in it a tendency to produce not only a larger crop but also an earlier one.

Potash does not perceptibly leach out of the soil, but Nitrate of Soda and Super Phosphate, however, will not remain long in the ground and, unless there exists plant growth to make immediate use of them, will soon be lost. By the use of animal matter to supply the Nitrogen and Phosphoric Acid, a complete fertilizer is furnished that may be applied early and worked into the soil, and if plants do not make use of the full supply the remainder is retained for another season.

It is well to use lime on lands that have a tendency to become sour. This will apply to most of the soils west of the Cascade mountains. Lime sweetens the soil and makes available those elements which, without its use, usually remain in the soil as an unavailable compound.

We cannot too strongly advise the use of Complete Fertilizers, containing the three essential plant foods, unless it is absolutely known that the soil has a sufficiency of any of these ingredients. While we are perfectly willing and glad to supply any of the ingredients separately, yet we are satisfied that better results will be had by the use of our Complete Mixed Fertilizer, as we are well equipped with special machinery for thoroughly mixing. This enables us to prepare a fertilizer of more uniform quality and cheaper than can be done when mixing by hand.

In addition, we are always pleased to make any special mixture where special needs exist. We issue a guaranteed analysis on all our fertilizers, which means that they will usually run over the analysis published, but never under. In shipping to points east of the Cascade mountains we change the formula by adding more Nitrogen and leaving out some of the Potash. Right here we would like to say one word in reference to following formulas published by Eastern fertilizer manufacturers. Our conditions here are peculiar. We do not believe there is another section in the United States where land is

as deficient in potash as in that section west of the Cascade mountains. Therefore, it is necessary that our fertilizers be made strong in this ingredient, while, on the other hand, the land in the Yakima and the Wenatchee country and, in fact, all that section east of the Cascade mountains has, as a rule, a very good supply of potash, but is very deficient in nitrogen. We always bear this in mind when shipping to various points and take into consideration the needs of the various localities to which we are sending.

We employ our own chemist and know exactly what is contained in each brand that we put out. We are making the following special mixtures:

HOLLY BRAND VEGETABLE MIXTURE.

Contains Nitrogen, 3 per cent; Potash, 5 per cent; Phosphoric Acid, 11 per cent.

This is a Complete Fertilizer for general use in gardening or truck farming. It is properly balanced and if from 600 to 1,000 pounds per acre be applied early in the season, at the time of first plowing, the yield of the vegetable garden can be increased from 2 to 5 times the former crop. There is no place where it pays better than in the vegetable garden. As a rule the vegetable garden is cultivated by hand. At any rate, there is always considerable hand work, which is by long odds the most expensive part of the vegetable garden and if, by the use of Complete Fertilizers, one acre can be made to produce as much as two or three formerly did the cost of the fertilizer is paid for in the saving of the labor alone. Not only will the production be vastly increased, but there will be very few weeds to fight, as the weeds come very largely through the use of stable manure.

Where experiments have not been carried out and the specific needs of the soil determined, it becomes necessary to assume that all the constituents are required, and to apply the amounts and proportions of those which the general consideration of the soil, season, climate and crop would seem to demand. Except in special cases, such as celery, where it is well known that Kanit is the most valuable, a Complete Fertilizer containing Nitrogen, Phosphoric Acid and Potash should be used. It will not only increase the yield, but will also give a much earlier maturing crop.

HOLLY BRAND LAWN DRESSING.

Contains Nitrogen, 5 per cent; Potash, 5 per cent; Phosphoric Acid, 8 per cent.

This is particularly adapted for use on lawns. It is odorless, and, while part of it is quickly available, yet by the use of animal fertilizer good results will be shown for two years after applying. This fertilizer is also adapted to the flower garden, and will show good results in the vegetable garden, although if a fertilizer is wanted in large quantities for vegetables it would be better to make use of those made for special crops. One hundred pounds of our Lawn Dressing is equal to one load of stable manure and should be used in the quantity of about one sack to the ordinary city lot. As the Complete Fertilizer is very strong and concentrated, care should be used in applying to see that it is not put on the lawn in lumps or handfuls, but should be spread evenly.

New lawns should receive a heavy application, which should be raked into the soil thoroughly. Old lawns should receive one application in the fall and another in the spring. If, however, it is impossible to do this, both applications can be made in the spring, from thirty to sixty days apart. Much better results will be had from either of these methods than to apply a large quantity at once. Old lawns should have a light sowing of grass seed once a year. To maintain a good lawn apply the fertilizer once a year, as lawn grass is a heavy feeder and will not keep its beautiful dark green color and velvety appearance unless a sufficient amount of suitable plant food is supplied. One great advantage in the use of the Complete Fertilizer is the absence of weeds and foreign plants that always follow where barnyard manure is used.

It is better to use the Complete Fertilizer during the fall, winter or early spring, but it may be safely used at any time (except in very hot weather) if the lawn is well sprinkled every day for two weeks after the Fertilizer is applied.

HOLLY BRAND HOP MIXTURE.

Contains Nitrogen, 4 per cent; Potash, 10 per cent; Phosphoric Acid, 8 per cent.

This is a Complete Fertilizer mixed especially for hops, and should be used in the proportion of about 500 pounds to the acre. The composition of this mixture is a formula used for the White River and Willamette River Valleys. For the Yakima Valley we add Nitrogen and use less Potash. An average crop of hops takes out of the land 53 pounds of Potash, 23 pounds of Phosphoric Acid and 34 pounds Nitrogen. In order to continue getting big crops it is necessary to replace all three of these elements. It is quite evident that if only one of these elements is replaced, the Nitrogen, for instance, by the use of Dried Blood, in order to produce a crop larger than ordinary, the soil is robbed of phosphoric acid and potash. This can not be kept up indefinitely; in fact, for not more than two or three years, without showing serious results.

Our Hop Mixture contains more potash than would seem to be necessary on first thought, but when one comes to consider that Nitrogen is present in considerable quantities in most of our soils, being placed there by the decaying of vegetable matter, barnyard manure, etc., it will be evident to the hop farmer that the above formula will answer in 99 cases out of 100. Our Hop Mixture can be used in connection with stable manure to excellent advantage.

HOLLY BRAND CLOVER MIXTURE.

Contains Potash, 11 per cent; Phosphoric Acid, 12 per cent.

This is especially adapted for use in fertilizing the plots that are to raise Clovers, Beans, Peas, and other legumes. Where clover is grown year after year it is unnecessary on most soils to apply fertilizers, as the clover and other plants of a similar nature, such as vetches, peas, beans, etc., are themselves soil enrichers. But in starting a crop of clover 500 pounds per acre of our Holly Brand Clover Mixture will show handsome results. On land that is deficient in potash and phosphoric acid a yearly application of the above Mixture will give a much heavier crop of peas, beans, or other grain than where no fertilizer is used. It should be remembered the ingredients contained in this Clover Mixture are those ingredients not furnished through the agency of the clover itself.

HOLLY BRAND POTATO MIXTURE.

Contains Nitrogen, 3 per cent; Potash, 11 per cent; Phosphoric Acid, 6 per cent.

Particularly adapted for Potatoes, Mangels, and other root crops. You will notice it is very high in the percentage of Potash, which is an essential element for those crops. The

proper amount to use is between 800 and 1,000 pounds to the acre, to secure best results.

One ton of our Potato Mixture contains as much available Nitrogen as six tons of mixed stable manures, as much Potash as eighteen tons of manure, and as much Phosphoric Acid as twenty-one tons manure. If the different elements in stable manure were properly proportioned no less than 15 tons would be necessary to equal one ton of our Potato Mixture, but on account of the excess of Nitrogen and the great shortage of Potash and Phosphoric Acid more and better results are secured from one ton of the Potato Mixture than from twenty tons of stable manure, the excess amount of Nitrogen being wasted. This excess of Nitrogen makes tops, but not roots. It also has the tendency to prevent the ripening of plants, and, especially in the case of potatoes, a heavy application of stable manure will cause scabby, misshapen tubers.

The complete Potato Mixture should be applied one week before planting early potatoes, and if possible should be applied at least a month before planting a late crop.

HOLLY BRAND GRAIN MIXTURE.

Contains Nitrogen, 2 per cent; Potash, 6 per cent; Phosphoric Acid, 8 per cent.

This Fertilizer is adapted to all varieties of grains. It contains a large proportion of both Phosphoric Acid and Potash. Use from 300 to 500 pounds per acre to secure the best results. It is well known that to produce grain abundantly a fertilizer must be used proportionately rich in Potash and Phosphoric Acid, and for this reason barnyard manure does not form a complete fertilizer, but may be used to advantage with our complete Grain Mixture. An excess of Nitrogen, such as is contained in barnyard manure, causes a tall, rank stalk, which is of poor color and has a light yield of grain. Also, in land that lacks potash and phosphoric acid plants will not stool out as they should, and what grain does mature will be thin and light. The potash is absolutely necessary for flowers and seed and the phosphoric acid hastens the maturity of the grain and furnishes the starch, sugar and fat content.

HOLLY BRAND STRAWBERRY MIXTURE.

Contains Nitrogen, 4 per cent; Potash, 9 per cent; Phosphoric Acid, 8 per cent.

Peculiarly adapted to the fertilization of Strawberries, Raspberries, Tomatoes, and the various fruit crops. An application of from 400 to 700 pounds per acre on land to be devoted to the cultivation of berries and fruit will give a largely increased yield. The Potash which is present in this Mixture will give the fruit a much better color. This Mixture also makes a fertilizer that can be used in connection with barnyard manure to excellent advantage. It has been proven that the lack of color in apples and other fruit grown in Western Washington and Oregon is due more to the absence of potash than to the lack of sunshine. With the proper use of the right kind of fertilizer, apples can be grown in this section that for color will nearly equal those grown east of the mountains. There is also the advantage that the scale and insect pests will not be half as troublesome where a good fertilizer is used in generous quantities. On small fruits it is hard to estimate the advantages to be derived from the use of a Complete Fertilizer. The crop is of much better quality and always sells at the top figure of the market, and when prices are low will sell when poorer grades are hard to dispose of. Fruit grown on land that has been furnished a dressing of Complete Fertilizer is harder and stands shipping better than ordinary.

HOLLY BRAND FOOD FOR FLOWERS.

Contains Nitrogen, 2 per cent; Potash, 4 per cent; Phosphoric Acid, 6 per cent.

This is a special preparation for fertilizing the soil in which are grown flowering plants, either in the pot or in the garden. It is to be dissolved in the water used to water the plants, and its effect will be to make the plants take on a more healthy growth, attain a greener and more beautiful appearance and throw out a greater profusion of flowers. It is also valuable for cut flowers, as it will keep them in fresh condition much longer and preserve the color. When flowers are to be repotted the Food for Flowers should be used to fertilize the new soil, rather than to use stable manure.

IN CONCLUSION.

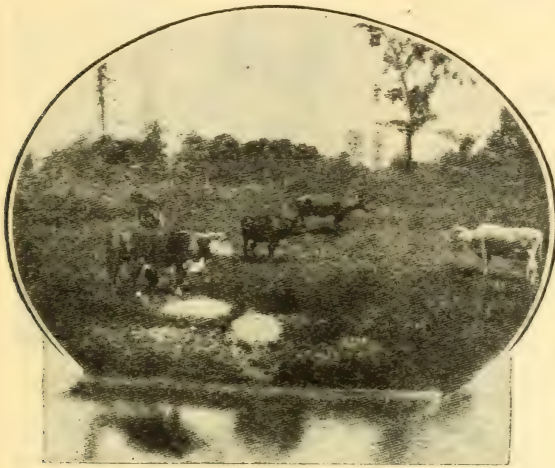
Remember that the fertility and the usefulness of soils are not measured by the most abundant fertilizing element therein, but by the one that is most lacking. Just as a chain is measured by its weakest link, so is the producing capacity of the land measured by the fertilizing element that is most lacking.

Besides our Complete Fertilizers, we are large importers of Chemical Fertilizers and large exporters of Animal Fertilizers. Prices on these are shown below; but are subject to market fluctuations. We will, however, be glad at all times to figure on carload lots or less.

PRICES OF FERTILIZERS.

Name.	Weight of Bags.	Price.		Nitrogen.	Analysis.	
		100 lbs.	Tons.		Potash.	Phos. Acid
Lawn Dressing.....	100 lbs.	\$2.25	\$40.00	5 per cent	5 per cent	8 per cent
Clover Mixture.....	100 lbs.	1.95	34.00		11 per cent	12 per cent
Hop Mixture.....	100 lbs.	2.25	40.00	4 per cent	10 per cent	8 per cent
Potato Mixture.....	100 lbs.	2.00	35.00	3 per cent	11 per cent	6 per cent
Strawberry Mixture..	100 lbs.	2.20	40.00	4 per cent	9 per cent	8 per cent
Grain.....	100 lbs.	1.65	28.00	2 per cent	6 per cent	8 per cent
Vegetable.....	100 lbs.	2.00	35.00	3 per cent	5 per cent	11 per cent
Food for Flowers, only 25c Packages.....				2 per cent	4 per cent	6 per cent.
Kanit.....	225 lbs.	1.50	20.00			
Muriate.....	225 lbs.	3.50	58.00			
Sulphate.....	225 lbs.	3.75	60.00			
Nitrate.....	225 lbs.	3.75	62.00			
Blood and Bone.....	100 lbs.	1.75	32.00			
Fish Guano.....	100 lbs.	2.25	40.00			
Super Phosphate.....	225 lbs.	2.00	33.00			
Land Plaster.....	100 lbs.	1.00	18.00			
Tankage.....	100 lbs.	1.75	32.00			
Bone.....	100 lbs.	1.75	32.00			

Pt. Orchard, March 18, 1905.
I tried potash on poorest marsh land I had—moss and fine roots. Without potash I got 4 or 5 bu. per acre. With 50 lbs. potash per acre I got 40 or 50 bu. per acre. Tried potash on land raising 25 bu.; think it would go 50 bu. per acre.
G. R. JOHNSON.



COMFORT for Stock by Using **LILLY'S BEST** Preparations

LILLY'S BEST Germ Destroyer

A liquid preparation for gaps, mange, bed bugs, hog cholera. For sores, wounds and castrations. Also a disinfectant for closets and sewers. It is very economical, as one gallon to fifty gallons of water makes a preparation strong enough for ordinary purposes. It is safe and pleasant to handle. It is perfectly soluble in water, making a milky liquid. It will not stain or injure your hands, or the hide or hair of any animals, and is absolutely non-poisonous.

For mange, mix with water 50 to 1. Dip or spray the animal, and give a second application about ten days later.

For bed bugs, mix 40 to 1 and spray into every crack or crevice.

For hog cholera. If a sty and wood work is sprayed with a solution of Germ Destroyer it will effectually prevent all appearance of cholera. Also give a teaspoon full twice a month.

For sores. Wash thoroughly with a solution of one part Germ Destroyer to 50 parts of water. It checks bleeding and prevents inflammation.

Castration: As soon as knife is drawn, inject one part of Germ Destroyer to 40 of water.

As a general disinfectant. Mix with 75 parts water and spray offending places. Also pour a quantity into sinks, drains, closets, etc., and it will prevent all offensive odors.

Put up in 25c bottles.

LILLY'S BEST Fly Killer

A sure and effective remedy against flies, knats and mosquitoes. It is a preparation positively harmless and even beneficial to the stock. It will not taint the milk and will not injure cattle if they lick it. It is best applied by the use of one of the little hand sprayers, such as the Holly Sprayer. A light application morning and night will give cows, stock and horses the greatest relief. By preventing the flies annoying the cows, it will largely increase the milk flow. **Quart cans, 35c; gallon cans, \$1.00.**

LILLY'S BEST Sheep Dip

A dip that is safe, efficient and economical. It is non-poisonous, thus enabling you to dip the entire sheep, head and all, even should the sheep swallow some, no harm can result. It heals shear wounds, raw flesh, etc. Will not stain or harm the wool, but on the contrary cleans and softens it, improving its growth and texture, and is economical, one gallon being diluted with 50 gallons of water. **Lilly's Best Sheep Dip** is a coal tar preparation of great strength, and yet absolutely harmless. **Lilly's Best Sheep Dip** cures scab, and ticks, wards off disease, and heals wounds, sores and various forms of skin diseases. **Price: Quarts, 35c.; gallons, \$1.00; 5 gallons, \$3.50. Special prices quoted on barrels and carloads.**

BEE KEEPERS Should have our new Bee Supply Catalog, a hundred-page book telling all about Bee Keeping and all Appliances fully illustrated. Sent Free on request.

FOR INDEX SEE LAST PAGE OF CATALOG

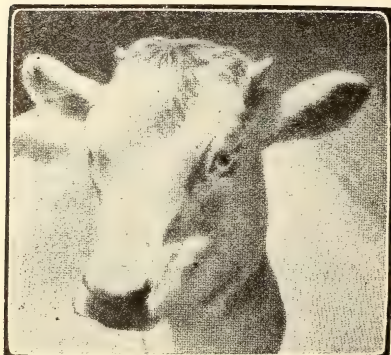
**LILLY'S
BEST**

STOCK FOOD

For HORSES, HOGS and SHEEP

A medicated food for horses, hogs and sheep. It is prepared from herbs, barks, roots, drugs, seeds, etc., finely ground and mixed into the right proportion. It cures and prevents dropsy, worms and general ailments and enables the animal to more thoroughly digest its food, thus saving a larger portion of that expense. It prevents indigestion, liver trouble and cures constipation. If animals are not in good condition, a small feed of **Lilly's Best Stock Food**, twice daily, will keep them in excellent spirits and give them a hearty appetite. If animals are run down, or in poor condition, or if they have lost their appetite, a larger feed should be given as shown in the directions on the package. The feed tones up the system, and gives the animal a new appetite, but should be fed regularly, and will not only keep your stock in better shape, but by improving their digestion, will be an actual saving to you in feed bills.

Sold in 25c and 50c packages; 25 lb. pails, \$2.50; 100 lb. barrel, \$8.00. Use Stock Feed made in the West, and get more value for your money.



**LILLY'S
BEST**

COW CONDITIONER

For Cows Only

This is a prepared and medicated food manufactured especially to meet the requirements of the cow. It is not a cure-all, to be fed to horses, hogs, and other animals in the barnyard; it is intended for cows only. It is compounded expressly for the cow's stomach, every one knows, is materially different from that of other farm animals. It will increase

the flow of milk, will prevent abortion or slinking, barrenness, milk fever, retaining afterbirth, scours, etc. It costs about 5c per week per cow to feed Lilly's Best Cow Conditioner. This is less than 1c a day. It pays well.

After repeated experiments it has been proven that, under ordinary circumstances, 25 per cent. of the feed given a cow passes through her without being digested. This 25 per cent. is all wasted. By feeding Lilly's Best Cow Conditioner, that which was formerly wasted is all made use of. It is an actual fact, that by feeding **Lilly's Best Cow Conditioner**, a cow will keep in better shape and give more milk on less feed than without.

Do not confuse Cow Conditioner with the ordinary stock foods put up for all kinds of animals. It has demonstrated its value as a specific for the scores of diseases to which the cow is subject. It will do the work for which it is recommended, if given a fair trial. Try it once, and you would not be without it.

Sold in 25c and 50c packages. 25-lb. pails, \$2.50; 100-lb. barrels, \$8.00.

FREE GOODS FOR FREIGHT

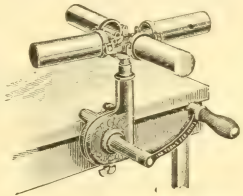
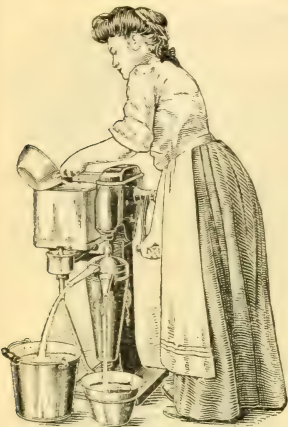
If there is no dealer in your town handling goods listed on pages 95, 96, 98 and 99, we will send enough free goods to cover freight charges if you order goods there listed to the amount of \$2.50. We can not do this if we have dealer handling them in your town.

Dairy Supplies

We carry a large stock of these goods and are headquarters for "Everything for the Dairy," including the world-renowned

SHARPLES TUBULAR SEPARATOR

Which is the only Cream Separator fitted with the Low-down Supply Tank. (See picture.) It is, moreover, the cleanest skimmer, the easiest by far to wash and clean up. The most convenient, the most economical in oil and repairs, and the easiest to run. Look at others. Look at the Tubular and judge for yourself. Sold on its merits. You can have one on trial, subject to its giving you satisfaction. Write for catalog and copy of our Separator catalog, also "Business Dairying."



BABCOCK TESTERS (three varieties), **MILK CANS** (of every description), **MILK COOLERS**, **SEPARATOR OIL**, **THERMOMETERS**, **BUTTER COLOR**, **DAIRY TINWARE**, **WOODENWARE**, **GLASSWARE**, and **SPECIALTIES** of all kinds, **PRINTED BUTTER WRAPPERS**, **ALSO EVERYTHING NEEDED** TO EQUIP A CREAMERY, including Power Separators, Pasteurizers, Combined Churn, Cream Ripeners, Turbine Testers, Vats. Scales, Etc., Etc. Write for Large Dairy Supply Catalog.

- INTERNATIONAL STOCK FOOD.** A vegetable compound. Put up in packages at 25c., 50c. and \$1.00, and in pails at \$3.50.
- COMMON SENSE CALF FEEDER.** Single Feeder, \$1.50; Double Feeder, \$2; exp. 25c.
- SHEEP DIPS.**—Lee's Sheep Dip, Quarts, 50c.; gals., \$1.25; 5 gals., \$4.50.
Little's Sheep Dips—10 gal. to case, \$1.25 per gal.; 6-gal. drums, \$1.10 per gal.
- RIPPLEY STOCK FOOD COOKERS.** Write for complete circular about Rippley Cookers.
- | | | | |
|--|---------|---|---------|
| 25 gal., for wood only..... | \$5.00 | 50-gal., wood or coal..... | \$12.00 |
| With partition in boiler..... | 5.75 | With partition in boiler..... | 12.75 |
| Partition in boiler and 3/4-in. faucet.... | 6.75 | Partition in boiler and 3/4-in faucet.... | 13.75 |
| No. 16—Cooker, Water Heater and Steam Generator..... | \$42.00 | | |
| No. 20—Special Cooker, Water Heater and Steam Generator..... | 50.00 | | |

Poultry Foods and Remedies

- CARBOLINEUM**, Famous German wood preserver and lice killer. Gal., \$1.50; 5-gal., \$6.
- SANITAS DISINFECTING CANDLES** will rid your house, barn or henhouse of fleas, lice, bedbugs or any other insect. Price, each, 35c.
- LEE'S LICE KILLER.** Price: 1-qt. can, 35c; 1/2-gal can, 60c.; 1-gal. can, \$1.00; 5-gal. wood-jacket can, \$4.00.
- LAMBERT'S "DEATH TO LICE."** Prices: 5-oz. box (trial size), 10c.; postpaid, 15c.; 15-oz. box, 25c.; postpaid, 40c.; 48-oz. package, 50c.; postpaid, \$1.00.
- INTERNATIONAL LOUSE KILLER.** Price 25c. box.
- INTERNATIONAL PHENO-CHLORO.** Put up in 25c., 50c. and \$1.00 cans.
- KONKEY'S ROUP CURE.** The remedy that will cure roup. One 50c package makes 25 gallons of medicine. \$1.00 package makes 75 gallons.
- LEE'S ROUP AND CHOLERA CURE**, known as Lee's Germozone. Bottle, 50c.
- FLOOD'S ROUP CURE.** Price, 50c and \$1.00.
- LILLY'S CRYSTAL GRIT.** Fowls must have grit to digest their food. That is why they are constantly picking up small stones, sand and other gritty substances. These, when taken into the gizzard, grind up the foods in the rotary motion which is a part of the process of digestion. When you feed fowls L. B. Scratch Food there is not much need of supplying them a large quantity of grit. They find it in the Scratch Food. 10-lb. bags, 15c; 100-lb. bags, \$1.25.
- LILLY'S RAW BONE MEAL.** This is made from fresh bones and is of the same stock as the Granulated Bone, but is ground finer, making it especially useful to mix with mash foods. Common Sense Egg Food is a complete ration in itself and it will not be necessary to use Bone Meal with it. 100-lb. bags, \$1.25.
- LILLY'S CHARCOAL.** The use of Charcoal about the poultry house is a necessity. A little goes a long way. It aids digestion and promotes the health of the brooder chicks to a wonderful extent. The use of Charcoal is generally corrective of many poultry ills. It absorbs 90 per cent. of its own weight of ammonia, a deadly poison to young chicks. Ordinary commercial wood charcoal should not be used. The Charcoal sold by us is animal charcal, and is guaranteed pure and free from dangerous poisons. It is sold either in the granulated or pulverized form. 10-lb. bags, 50c.; 100-lb. bags, \$4.00.
- LILLY'S GRANULATED BONE.** Contrary to the general impression, bone, to be of value as a food for poultry, must not necessarily be fresh or green. Fresh bone contains about 40 per cent. of water and 12 per cent. of grease, a total of 52 per cent. of matter which the fowls do not need nor care for. The Granulated Bone offered by us is made from fresh, green bones, from which the moisture and grease are extracted, leaving nothing but the phosphates, lime and protein. 10 lbs., 25c.; 100 lbs., \$1.75.

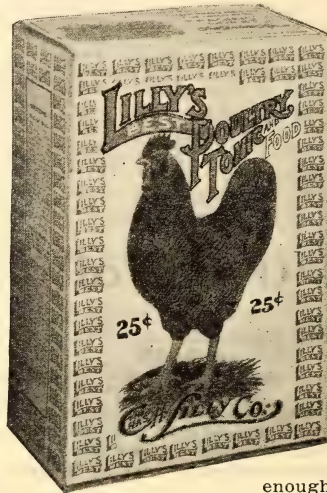
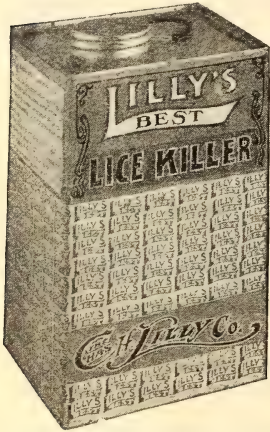
LILLY'S BEST POULTRY TONIC

This is an all around, reliable, medicated food and tonic for poultry; prepared from ground seeds, roots, herbs and drugs; these are all carefully selected and blended in the proportion that make it the most nutritious and healthy food for poultry. It is fed as an appetizer, a tonic and as a preventive of disease, and by thus getting the fowls in prime shape, assists in egg production. It is a great stimulator to growth, tones up the digestive organs, purifies the blood, and keeps the whole system in working order, thus warding off disease, preventing rouse, canker, and a dozen other ailments that affect poultry. For laying hens **Lilly's Best Poultry Tonic** mixed with a food, such as **Common Sense Egg Food**, will prove a great help in keeping digestive organs in a healthy and vigorous condition. It is economical, as it enables poultry to more thoroughly digest and make use of their food. It not only stimulates egg production, but is also valuable in the case of fattening hens, enabling them to consume and properly digest a larger amount of grain feed, and make a gain in weight much more rapid. **Lilly's Best Poultry Tonic** is sold everywhere at the following prices: **Small package, 25c.; large package, 50c.; pails, \$2.50; barrels, \$8.00.**

Buy a food made in the West. You get more value for your money, and save the heavy freight rates across the continent.

LILLY'S BEST INSECT POWDER

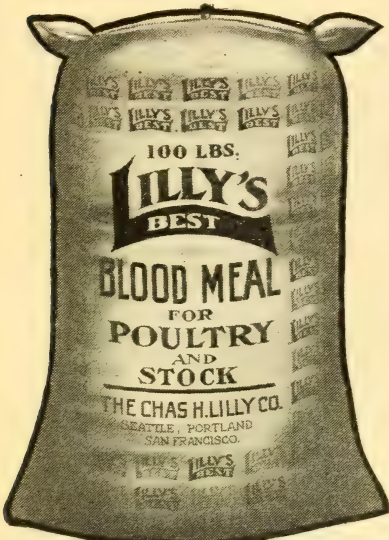
A pure, strong powder that is a safe and sure remedy for lice of all kinds. It is harmless to animal life, but should be used externally only. Lice are often the reason for poultry not paying. A hen cannot lay eggs and support a crop of lice at the same time. As one poultryman very aptly put it: In feeding poultry, first you have to give them enough feed to take care of their bodily wants, then you have to give enough to support the lice that their feathers harbor, then you have to give



enough more so hens will have something to produce eggs with. If you get rid of the lice, you will save that much of the feed. Hen lice weaken the fowls and thus make them an easy prey to disease. Keep the lice off, and you will not only get more eggs, but your hens will be less liable to contract disease of any kind. **Lilly's Best Insect Powder** is especially useful on little chicks and setting hens. All well ordered poultry houses should have both the insect powder and liquid lice killer to effectually prevent lice. **Sold in 1-lb. cartons, \$1.00.**

LILLY'S BEST LICE KILLER

Destroys lice, mice, fleas and all kinds of vermin. Is applied with a paint brush or sprayer to floors, roosts, nests and to cracks in the wall. It kills lice by its fumes. It penetrates every crack and crevice in the flooring and the feathers and skin on the fowl, and is instant death to all kinds of vermin. **Lilly's Best Lice Killer** is the best and strongest lice killer known. It will do more work for less money than any other similar preparation now on the market. It does not contain kerosene or other diluents. Each gallon is equal to from two to five gallons of other paints, washes or dip. The boxes in which you are going to put setting hens, and the brooders in which you are going to keep young chicks should be painted with **Lilly's Best Lice Killer** several days before they are used. Do not confine your chicks with **Lilly's Best Lice Killer**, except for a short time, and with plenty of ventilation. **Lilly's Best Lice Killer** is very powerful and should not be applied direct to the skin, or it will blister or remove the feathers. To keep poultry free from lice this should be used in connection with **Lilly's Best Insect Powder**. Remember that it is easier to keep the lice down than it is to get rid of them, after they have once thoroughly infested your hen house and its surroundings. **Put up in quart cans, 35c.; gallon, \$1.00; 5 gallons, \$3.50.**



LILLY'S BEST BLOOD MEAL

This is a thoroughly de-odorized and purified blood meal. It is very rich in protein, and is probably the most concentrated egg food on the market. A pound of **Lilly's Best Blood Meal** will give as far as two or three pounds of beef scraps or green cut bone. **Lilly's Best Blood Meal** is guaranteed to be free from adulteration. It is also free from any objectionable odor, as it is chemically purified. It is so cooked to retain all the egg producing and health keeping qualities that go towards making more profit for the poultryman. It will keep under any conditions, if kept dry, and poultry raisers can safely buy it in large quantities, because it will not deteriorate if not fed at once. Should be fed in the same manner as beef scraps, only using less than half in weight.

Put up in 10-lb. bags, 50c.; 100-lb. bags, \$3.50.

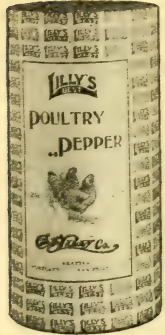
LILLY'S BEST BEEF SCRAPS

Probably there are no beef scraps ground that contain a larger percent of protein and a less amount of fat than does **Lilly's Best** brand. We have no hesitancy in recommending them as the best on the market. **Lilly's Best Beef Scraps** are prepared and ground by men who thoroughly understand what such a feed should contain. The raw material comes from government inspected slaughter houses and it is so treated as to preserve the protein that makes it so valuable as an egg producing food.

Since fat in excess reduces the feeding value, it can be shown that we have almost entirely removed it from **Lilly's Best Beef Scraps**. Put up in 10-lb. and 100-lb. bags.

LILLY'S BEST ROUP CURE

A sure cure for roup, canker, gap and pit. If given according to directions, we guarantee a cure or money refunded. Every poultryman should have a package of this on hand, as these diseases are much easier handled when first developed. There is no more reason for losing a fowl by roup than there is why a man should die if he catches cold. If the fowl is given **Lilly's Best Roup Cure**, as per directions on package, it will recover in from two days to three weeks, depending on how far the disease has progressed. **Lilly's Best Roup Cure** is sold by dealers everywhere, or sent postpaid at regular price, 50c.



LILLY'S BEST CHOLERA CURE

For cholera, black head, diarrhoea and weak legs. It will effect a permanent cure in from one to three weeks, and is especially to be recommended for pigeons. Sold by dealers everywhere, or sent prepaid at the regular price, 50c

LILLY'S BEST POULTRY PEPPER

This is a pure, strong cayenne pepper. Put up in 1-lb. sealed cartons. It is always the same, can always be depended on, and answers the demand for a reliable poultry pepper. Sold only in 1-lb. cartons, 25c.

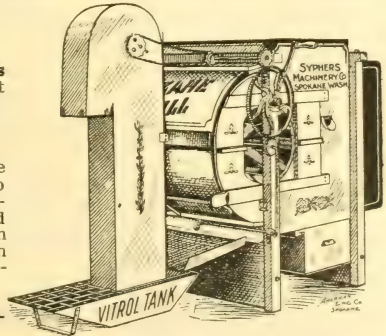
DARLING'S BEEF SCRAPS

We handle from 15 to 20 carloads a year of **Darling's Beef Scraps**. The demand for this brand being almost always greater than the supply. 100 lbs., \$3.50.

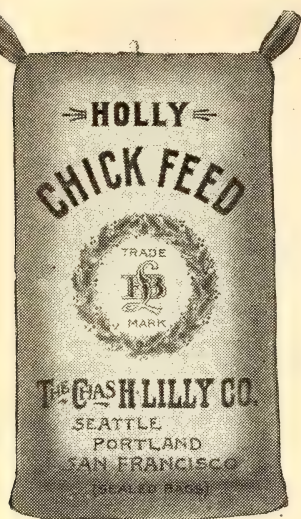
SPOKANE FANNING MILL

Adapted to farm use; made of the best material; the workmanship is first-class; we guarantee that it will do the work. It is coated with pure paint and will withstand all kinds of weather. The **Spokane** has large feed hopper, two shakers working opposite, four changes in throw, cleaners under the 8 sieves for all kinds of grain and seed. This mill is the only one with vitroling attachment. Capacity from 35 to 40 bushels an hour. Elevator for sacking and vitroling attachment.

Price of mill, \$35; Elevator attached, \$45; Elevator Solution outfit for Vitrol Formaldehyde, \$50



LILLY'S BEST HOLLY CHICK FEED



In the spring of 1902 we first offered Holly Chick Feed to the poultrymen of the West; it has therefore been on the market longer than any other chick feed manufactured west of the Rocky Mountains, and has superseded to a great degree almost all other chick food sold in the West. This food is too well known now to need any lengthy description. In the season of 1905 we sold over a million pounds of Holly Chick Feed, and there was hardly any one time during the season that we could keep up with our orders.

We are now prepared, however, to take care of three times as much business as we have had in the past, having installed a complete new mixing and cleaning plant, 4 stories in height and equipped with machinery that takes the seeds and grain out of the car on our own siding and conveys them to the cleaners, grinders, separators, and mixers. The finished product is weighed and sacked automatically, the entire work being done by machinery. Our new plant contains 26 immense bins or tanks, most of them having a capacity of 40 tons. The mixing machinery will turn out in 8 hours' run 40 tons. We have a machine for grading and cleaning Holly Chick Feed that cost us \$1500. After the Chick Feed is all mixed, it is passed through this machine, over six screens and through two air blasts, and is thoroughly cleansed and freed from all dust and dirt. On account of our excellent facilities for handling and mixing Holly Chick Feed, we are able to give an even better food than in the past, at a less price. This, like our other grain foods, depends somewhat on the market, but as a

rule, will sell at about **\$3.00 per 100 lbs. 5 lbs., 25c., 50 lbs., \$1.60.**

TESTIMONIALS

We could print this book full of testimonials from satisfied users of our three feeds, Holly Chick Feed, Common Sense Egg Food, and L. B. Scratch Food, but better than printing these testimonials, would be for you to go and ask your neighbor what he thinks of our foods, if you have not been fortunate enough to use them in the past. The three feeds are now used so universally all over the Pacific Coast, that you will find no trouble in having a personal interview with some one who has used one, or all of the foods.

DIRECTIONS

In raising chicks we all know that with one of the modern incubators, it is no trick to hatch them, but where the rub comes is in successfully brooding them for the first 4 or 6 weeks of their existence. A little chick just out of the shell is a very delicate thing. When just hatched the least draft is liable to give them a cold from which they will never recover. The best plan is to leave them in the incubator for 24 hours, then have your brooder all prepared, thoroughly warmed, and move them from the incubator to the brooder in a basket, or other receptacle, lined with an old blanket. Do not feed them a thing for 48 hours, and it is just as well if they do not get anything to eat for another 24 hours. Do not handle them, and do not expect them to run around for the first one or two days; they are better off under the hover of the brooder. Their first feed should be a sprinkling of Holly Chick Feed, giving them just what they will pick up. This with water, so placed that they cannot get into it, and a little green stuff is all they will need for 5 weeks. The first few days they should be fed about 5 times a day, then you can begin feeding more at a time, and about three times a day, always scattering the Chick Feed in straw or chaff, so they will have to scratch for it. An abundance of fresh water is very essential, as is also plenty of crisp, green stuff, such as lettuce, cabbage and the like. After the chicks are about 5 weeks old, begin giving them some Common Sense Egg Food in the morning. Be sure and feed this scalded but not sloppy. In another week or so they will eat L. B. Scratch Food quite readily.

HOLLY PIGEON FEED

The best balanced ration ever produced to stimulate energy and vitality in all the varieties of pigeons that are raised for profit. Affords the most diversified diet at the least expense and trouble. Most of the best breeders on the Pacific Coast use **HOLLY PIGEON FEED** and highly recommend it. **Put up in 100 lb. sacks; each, \$2.25.**

LILLY'S CUT CLOVER

All fowls need a green feed of some kind, and Cut Clover fills the bill most satisfactorily. Lilly's Cut Clover is made from selected Yakima alfalfa and is entirely free from large sticks and stalks. It contains all the nutritive ingredients for flesh, muscle and bone making, but is not so concentrated a feed as Lilly's Best Poultry Food or some of the other Foods prepared by us. In the winter season Cut Clover comes especially handy.

Price: 5 lbs., 25c.; 100 lbs., \$1.25.

LILLY'S GRANULATED SHELLS

Many carloads of these Shells are manufactured every year by us, and poultrymen all over the West are unanimous in their testimony that these Shells make the cheapest and most satisfactory grit and lime producer ever put on the market. The analysis of the L. B. Shells shows them to be almost identical in composition with the shell of a hen's egg, thus furnishing the needed ingredients at the most economical cost. **10 lb. bags, 20c; 100 lb. bags, \$1.25.**

FOR INDEX SEE LAST PAGE OF CATALOG

Common Sense Egg and Feather Food



THE BEST FEED. With the host of poultry foods that are on the market today, it is rather presumptuous for any manufacturer to claim that he has the best, so we will not say here that Common Sense Egg Food is the best, but we will say that if you ever feed it correctly, it will pay so well that you will never want to try further.

It contains all the elements that go to make muscle, bone and feathers. It is just the feed to build your fowls up after a moulting period, giving a glossy plumage and bright red combs.

A FOOD THAT IS DIFFERENT. Most good things come by hard work and lots of investigation. We hit upon Common Sense Egg Food, you might say, by almost an accident. It is entirely different from any other poultry food on the market today. It is intended to be fed as a mash, but is not sticky. Poultry will also eat it very greedily dry.

THE WAY TO FEED. The proper way to feed so as to get the best results, is to take a pail or tub half full of Common Sense Egg Food and pour boiling hot water over it until it is scalded, not sloppy. This should be fed first thing in the morning, and your poultry will go for it, eating ravenously until the last speck has disappeared.

In our own yards we have fed Common Sense Egg Food for the last two years, as well as a number of other foods, and can assure you that, if your poultry is in good health, and you feed them Common Sense Egg Food in the morning, with L. B. Scratch Food at noon, you will get eggs in abundance, "unless they are all roosters."

THE GERMS OF THE GRAIN. Bear in mind that Common Sense Egg Food is entirely different from any other poultry food on the market today. It contains the germs of grains. The germs of the grains are very rich in phosphorus, and a percentage of phosphorus, and to get an abundance of eggs, it is necessary to give poultry a food from which they can derive protein and phosphorus, without getting an excess of material that makes fat but not eggs. Common Sense Egg Food answers all these requirements. We know it, not only from our own experience, but from the experience of hundreds and thousands of poultrymen, from San Diego to Skagway.

The price depends largely on the current price of grains, so that we would like you to write for quotations when you are in the market, if your nearest dealer does not already handle the food. Price is usually about \$2.00 per 100-lb. sack.



SCRATCH FOOD

A BALANCED RATION. This is a balanced ration, all grain poultry food, composed of the choicest grain and other ingredients. In the first place our factory is situated where we get the best of the Northern grown wheat, to this is added sunflower, corn, oats, peas, kaffir, rape, beef scraps, animal charcoal, granulated bone and grit in just the proportion that several years of experience, has demonstrated is right. Every practical poultryman will readily concede that such a diversity of the most valuable feeds will put hens in just the right shape for laying.

MOULTING HENS. For moulting hens, if you will feed them according to following directions, we can almost guarantee they will be laying within three weeks: First, cut off all other food, giving only small portion of L. B. Scratch Food once a day, feeding this way for a week, then give all Common Sense Food they will eat in the morning, a liberal portion Scratch Food at noon and night, scattering in straw or chaff, so they will have to work for it, feeding this way for 10 days, and hens will be in fine shape and laying.

ECONOMICAL. As L. B. Scratch Food is sold at a very close profit, the price depends upon the market price of the grains and seeds that enter into it, usually about \$2.00 per 100-lb. sack, but advise you to write for prices when ready to buy. Put up only in 10-lb. and 100-lb. sealed bags. Look for the lead seal and get the genuine article.



BEE KEEPERS: Send for our catalog of Bee Supplies. Most complete line on the Coast. Tells all about the care of Bees.

THE MODEL INCUBATORS

Made by CHAS. A. CYPHERS.



Model No. 2.

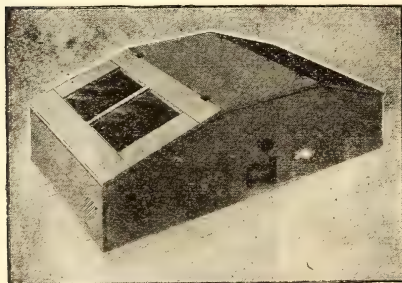
lends emphasis to the claim that they are the best machines on the market. They embody beauty in design, accuracy and economy in operation, and a larger percentage of hatch than others.

PRICES:

No. 0, 60-egg, 95 lb..\$16 No. 2, 220-egg, 117 lb..\$32
No. 1, 120-egg, 140 lb.. 23 No. 3, 360-egg, 227 lb.. 44

THE MODEL BROODERS

These Brooders embody several distinct features not found in other makes, thus placing them at the top of the Brooder list. The fresh, warm air is carried in above a screen in the top of the hover, and then gently diffused downwards. No current of air strikes the chicks, nor are they subjected to a high



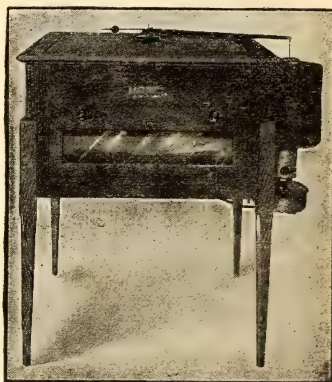
Double Indoor Brooder.

For a fuller description of the Model Incubator and Brooder, Write for Our Incubator Catalog.

COAST PRICES OF BROODERS:

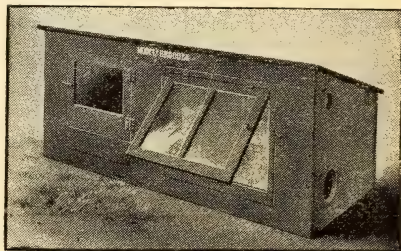
Single Indoor, 3x3 ft., 107 lbs., \$12.00
Double Indoor, 3x6 ft., 185 lbs., \$15.00
Model Colony Brooder, 3x6 ft., 250 lbs, \$16.00

For full instructions regarding the care and operation of Incubators, write for a copy of our book, "Livestock and Poultry in the Northwest."



Model No. 1.

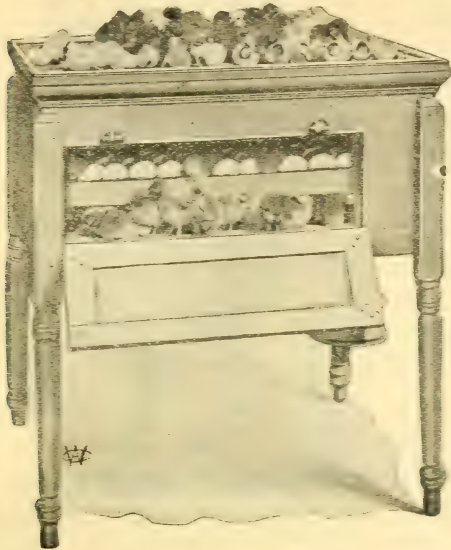
radiated heat. The hover temperature is equable, the heat mild and the surplus heat of the lamp goes to keep up the general temperature of the nursery. The double brooder is partitioned in the middle and takes but one lamp to heat both rooms. The Colony Brooder is for outdoor use, and is a very substantial and durable machine.



Model Colony Brooder.

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PRAIRIE STATE INCUBATORS AND BROODERS



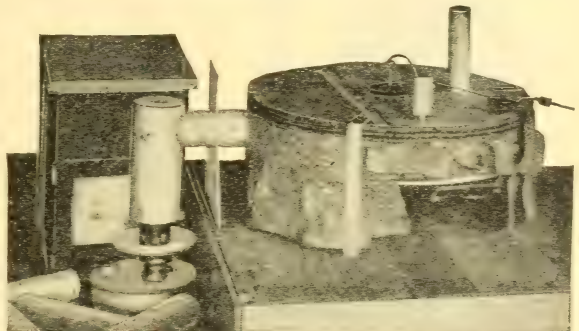
On account of lack of room in this catalog we are unable to give these machines the room they are entitled to, but every poultry raiser before buying a machine should send for the large catalogues, which contain detailed description of the Prairie State machines. Please mention in writing, whether it is the incubator or brooder that you are interested in, as we have a separate catalog for each. Either one of which, or both, will be sent free on request.

On this page is shown an illustration of two of the Prairie State machines that are new this year. One the Prairie State Jr. Incubator, containing all the improvements found in a high-priced machine, yet sold at a very nominal figure, and within the reach of the beginner, who would like to hatch a small lot of chicks by artificial incubation, but does not desire to go to a heavy expense.

The other illustration shows the new Universal Hover. This contains everything essential found in the best brooders on the market today. The working parts are sold alone, so that anyone can, by using a piano box or a big dry goods case, make a brooder in half an hour.

Send for descriptive catalogs and learn more of these machines.

- No. 1. Prairie State Junior Incubator \$ 7.50
- No. 2. Prairie State Junior Incubator 11.50
- No. 0. Prairie State Special Incubator 13.25
- No. 1. Prairie State Special Incubator 18.00
- No. 2. Prairie State Special Incubator 27.60
- No. 3. Prairie State Special Incubator 35.00
- No. 4. Prairie State Special Incubator 50.00
- Prairie State Special Duck Incubator 48.00
- Prairie State Special Goose Incubator 27.50
- No. 1. Prairie State Standard Incubator 20.00
- No. 2. Prairie State Standard Incubator 31.50
- No. 3. Prairie State Standard Incubator 40.00
- No. 1. Style D Hot Air Indoor Brooder. 9.00
- No. 2. Style D Hot Air Indoor Brooder. 10.50
- No. 1. Style C Hot Air Outdoor Brooder 13.99
- No. 2. Style C Hot Air Outdoor Brooder. 19.00
- No. 0. Style O Hot Air Outdoor Brooder 8.25
- No. 1. Combination Colony Brooder.... 20.00



- No. 2. Combination Colony Brooder.... 15.00
- No. 3. Combination Colony Brooder.... 10.25
- Regulator with either of above, \$1 extra
- No. 2. Sectional Hot Water Pipe Brooder 22.15
- No. 3. Sectional Hot Water Pipe Brooder 27.00
- No. 4. Sectional Hot Water Pipe Brooder 35.00
- Universal Hover, without Regulator.... 7.00
- Universal Hover, with Regulator..... 8.00

Must-Hatch Incubators and Brooders

These machines are made out of California Red Wood by a practical poultryman. They have received the endorsement of many of the large poultrymen in California. It is a hot water machine, and has well constructed boiler and regulator, heated by an automatic safety lamp. Will be glad to send complete descriptive catalog to all interested.

PRICES

- 70 Egg Incubator \$15.00
- 180 Egg Incubator 25.00
- 360 Egg Incubator 35.00

BROODERS—HOT AIR

- 26 inch or 70 chick capacity..... \$ 5.00
- 4 feet or 150 chick capacity..... 7.00
- 8 feet or 300 chick capacity..... 12.00

BROODERS—HOT WATER

- 26 inch or 70 chick capacity..... \$ 8.00
- 4 feet or 150 chick capacity..... 10.00
- 8 feet or 300 chick capacity..... 16.50

SHAM BROODER.

- 26 inch or 70 chick capacity..... \$ 2.50
- 4 feet or 150 chick capacity..... 3.50
- 8 feet or 300 chick capacity..... 6.00

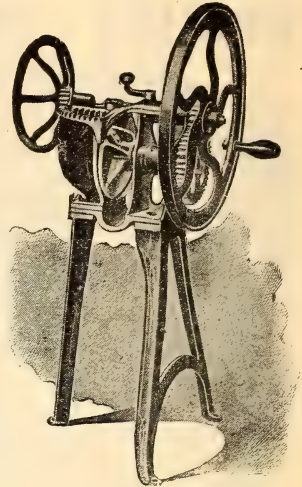
Humphrey Green Bone and Vegetable Cutter

The Humphrey Open Hopper Green Bone and Vegetable Cutter is the best Bone Cutter made. The hopper is always open, whether the machine is filled or empty, which allows the bone to be dropped into the machine immediately after cutting the string of the package. There are no split nuts to be taken apart, no followers to be handled, as in all other makes of Cutters, and you do not have to cut the bone into small pieces with an ax, as is required by other machines. **The machine does the cutting—simply drop the bone into the machine and immediately commence to cut the bone.** All parts of the Humphrey Open Cutter are exposed at all times for cleaning. There is no possibility of the cutter-head clogging, owing to the immense clearance of the cutters. Made in six sizes to suit the wants of the keeper of twelve hens, or the large poultry farm.

PRICES:

No. 1.	Hand Power	\$14.00
No. 2.	Semi-Power	15.70
No. 2½.	Hand and Power	18.00
No. 3.	Direct Power	40.00
No. 4.	Geared Power	50.00
No. 6.	Medium Power	24.50

Write for our fine illustrated Humphrey Cutter Catalog.



No. 1 Hand Cutter

HUMPHREY GRIT MORTAR

Hen's teeth must be supplied in some form of grit, and there are few places in our country where you do not find glistening granite boulders, flint or hard rock which can be reduced into a satisfactory grit. The Humphrey Grit Crusher will break up enough grit in half an hour to last your fowls several weeks, and the material costs you nothing. Price, \$4.00; weight, 40 lbs.

POULTRY SUPPLIES

Of every description can be obtained from us. A large number of the goods needed by every poultry raiser are listed in these pages. If you desire any special article in this line we shall be pleased to hear from you—and may be we can accommodate you. Write for our different catalogs and pamphlets.

It is economy to get the best, especially when they cost you no more than the poorer article.

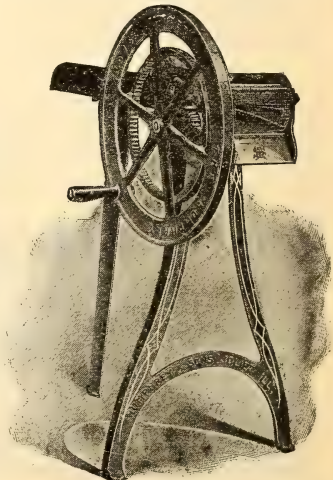


Humphrey Rapid Clover Cutter

A heavy, well-finished machine to cut clover and alfalfa hay into pieces one-eighth inch and less. By the ingenious use of plates and screens all long stems are passed back to the cutters to be recut, so that the product is of even length and of a size that makes it the best prepared green food given to poultry. Forty cuts of the knife for each revolution of the hand wheel makes speedy work of clover cutting, and the heavy balance wheel makes easy work for the operator. The bed knife is double-edged, giving double the wear of any clover cutter on the market.

PRICE LIST

Bench Clover Cutter, weight 85 lbs.....	\$10.00
Stand Clover Cutter, weight 105 lbs.....	12.00



Rapid Clover Cutter

FOR COMPLETE INDEX SEE THE LAST PAGE OF CATALOG

THE HUMPHREY DRY BONE AND SHELL MILL

Is a combined roughing roll and plate grinding mill, designed to grind dry bone, oyster shell, crockery, charcoal, etc., and at the same time will grind shelled corn and other grains into coarse meal. Cracked corn is an ideal way to feed this grain, and the Humphrey mill makes easy work of it. The grinding parts of the mill are made of hard white iron, and will last for years. Just the machine for a poultry farm to make feed of the house refuse that otherwise would go to waste.

Price, at any of our stores, \$5.00 each.

PIGEON LEG BANDS.

Solid bands that slip over the toes of the squab. 25c. per doz.

LILLY'S BEST LEG BAND.

An improvement on the old Climax band. When once put on the fowl, will not come off unless purposely removed. Per doz., 20c.; 25, 35c.; 50, 65c.; 100, 75c.; 1000, \$7.00.

TESTED THERMOMETERS.

The most perfect incubator or brooder is rendered useless when controlled by an inferior thermometer. We have secured for our customers the highest grade thermometers manufactured, and sell them at the same price as cheap ones are sold.

For Model Incubator, each.....\$0.75 For Must Hatch Incubator\$0.75
For Prairie State Incubator, upright, ea 1.00 Brooder Thermometers50
For Prairie State Incubator, reclining, ea 1.75

LAMPS.

Prairie State Lamp, No. 1, complete....\$0.60
Prairie State Lamp, No. 2, complete.... .65
Prairie State Lamp, No. 3, complete.... .75
Lilly's Never Smoke Lamp, complete.... .90
Large Lamp for Model Incubator or Brooder 1.00
Small Lamp for Model Incubator or Brooder85
Safety Lamp for Must Hatch Incubator, complete 1.50

LAMP EXTRAS:

No. 1 Founts, without burner.....\$0.25
No. 2 Founts, without burner..... .35
No. 3 Founts, without burner..... .50
No. 1 Sunshine burners20
No. 2 Sunshine burners35
No. 3 Sunshine burners55
Lilly's Never Smoke Burner..... .35
No. 1 Iron chimneys15
No. 2 Iron chimneys20
No. 3 Iron chimneys30
No. 2 Wicks, per doz..... .20
No. 3 Wicks, per doz..... .25

EGG CASE FILLERS.

Case containing 12 sets, \$2.00.

LILLY'S BEST TRAP NEST.

A small, neat, inexpensive trap nest. It will pay you to equip your poultry yard with these nests, and find out which hens lay the eggs. This trap works automatically. It can be set in an out-of-the-way place where hens like to lay, and being large, roomy and dark inside, the hens will not object to entering it.

Price, \$1.00 each. If wanted in large quantities, write for special price.

BOND GRIT MACHINE.

(See Illustration.)

This is a powerful little crusher that will break into small particles shell, crockery, grit and similar substances. While inexpensive, it is well made and guaranteed. Every poultry yard should have a machine of this kind, and make use of the refuse around the place that is now going to waste but could be made into poultry grit. Price, \$4.00 each.

LATHROP CHICK SERVER

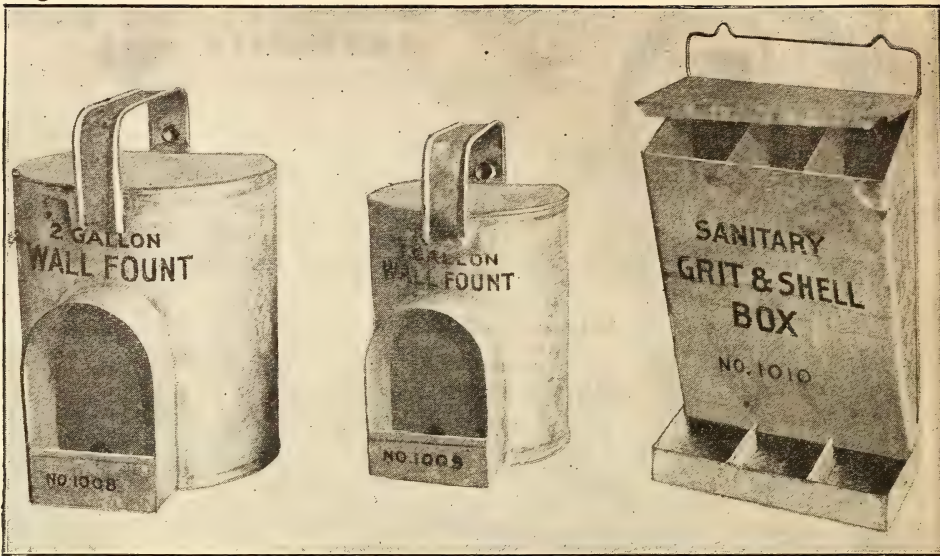
They are made of iron, galvanized, in two parts—cone and basin—which can be joined or separated instantly, being held together simply by pressure of the cone on the sides of the basin. No Rust, No Seams, Easily Cleaned. Water, grain and soft food can all be served in them. With water or grain, the cone should be filled, and by gravitation a supply will be kept in the basin.

With soft food, the outside corrugations of the cone should be filled when the basin is attached.

25c. each, 35c. postpaid. \$2.50 per dozen.



**BOND
GRIT
MACHINE**



FEED AND DRINKING FOUNTS

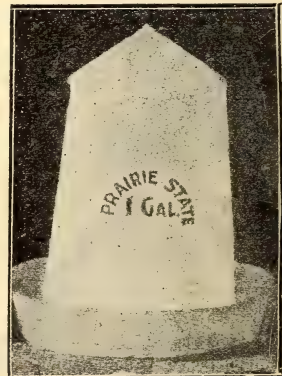
Galvanized Iron Wall Founts—Keeps the water from being fouled with litter, yet within easy reach of the fowls; easily cleaned and filled. Price: No. 1009, 1 gal. size, 75c; No. 1008, 2 gal., \$1.00.

Sanitary Grit and Shell Box—Self-feeding and to be hung up on wall just in reach of chickens; has three compartments. Made of galvanized iron. Price: No. 1010, 75c each.

L. & B. Feed Troughs—Made of wood, light but strong; chicks cannot get in the trough, but must stand alongside to feed. Price: No. 1001, 18 in., 15c each, \$1.50 doz.; No. 1002, 24 in., 25c each, \$2.00 doz.; No. 1003, 30 in., 35c each, \$3.00 doz.



Petaluma Feed Trough—Made of heavy galvanized iron, edges all rounded. Price, No. 1007, 50c each.



Prairie State Drinking Founts—Water kept fresh and clean; chicks cannot get in and drown. No. 1004, 1 qt., 25c; No. 1005, 2 qt., 30c; No. 1006, 1 gal., 35c.



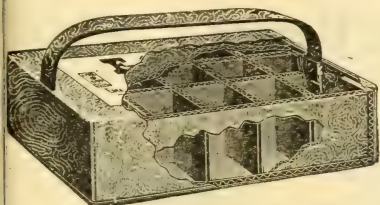
LILLY'S NEVER-SMOKE BROODER LAMP

The latest and best lamp for the brooder; requires no chimney; never smokes, but burns a steady flame. The arrow in cut shows the air fingers that carry fresh air direct to the flame. This gives perfect combustion and more heat for a given amount of oil than with any other burner. A water chamber is on top of lamp to keep oil and burner cool, and prevent any chance of explosion. Price, No. 1011, 90c.

Burner only, for common lamps, 35c. each.

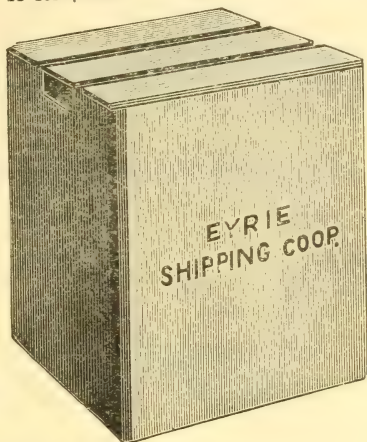
Eyrie Egg Box

For shipping high-class egg settings; made of jute board, partitioned and automatically locked. Partitions are double-faced corrugated paper, having a dead air space that is proof against sudden changes in temperature. No. 1012, 15 eggs, 25c each, 6 for \$1.25, 12 for \$2.40; No. 1013, 30 eggs, 35c each, 6 for \$1.75, 12 for \$3.25.

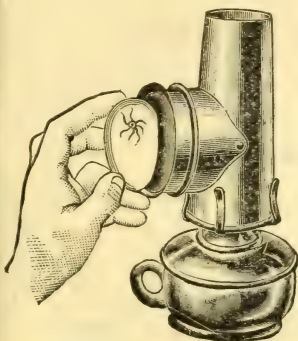


Eyrie Shipping Coops

Strongly built, but light and durable; size is just right to keep birds from turning and injuring tail feathers; proof against drafts, but well ventilated. No better coop on market. No. 1014, 12x18x21½, 4½ lb., for single birds or pair of Mediterraneans, 40c each, \$3.60 doz.; No. 1015, 19½x22x21½, 7 lb., for large birds, 60c. each, \$6.00 dozen.



Earthenware Drinking Fountains may be had of us if desired. Many consider them the best and most practical fount, and they have the advantage of keeping the water cool and sweet on the hottest days. They are sent only by freight or express, at purchaser's risk. Price: Small, 35c.; large, 50c.

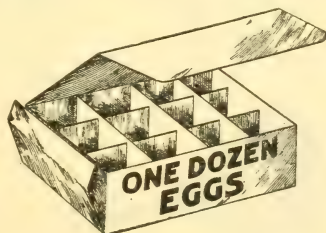


Egg Testers

An important appliance for the poultry raiser. Fits any No. 2 lamp burner. We send it free with every incubator. Price alone, No. 1017, 35c, postpaid.

EGG TESTER—No. 1017.

Brooder Lamps. If your brooder lamp is not giving satisfaction order one of Lilly's Never-Smoke Lamps, described on page 92. It costs only 90 cents, and is the only lamp to use. The ingenious device indicated by the arrow places this lamp ahead of all others. Made of galvanized iron.



Paper Egg Boxes

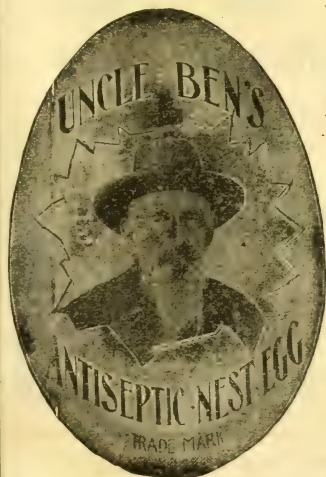
Just the thing for the family egg trade; neat in appearance and very handy. Prices: No. 1016, 100, \$1.25; 1000, \$11; 5000 @ \$10.50 per M. Printing extra.

Uncle Ben's Nest Egg

Being medicated with a powerful disinfectant these eggs serve as a lice killer in addition to being nest eggs. Each, No. 1018, 10c; per doz., 50c; 3 by mail, 25c; doz. by mail, 80c.

Opal Porcelain Nest Eggs

Do not break easily and will last a lifetime. Price for 2, No. 1019, 5c; per doz., 30c. By mail add 20c doz.

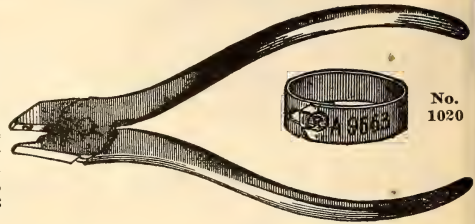


NITRO-CULTURE. A new way of fertilizing the soil by inoculating with nitrogen-gathering bacteria—recently discovered. The germs come ready for use in a form called Nitro-Culture, in small dry packages. Full description on application. Nitro-Culture sufficient to inoculate one acre of alfalfa, the clovers, cow peas, beans, vetches, peanuts, etc.

See page 41.

Smith Sealed Leg Bands

Never comes off unless destroyed; best means of identification. Order by number: No. 1020-1, Bantams and small Mediterranean females; No. 1020-2, ordinary Mediterranean and Pit Game females; No. 1020-3, Mediterranean and Pit Game males, American and French females; No. 1020-4, American males and medium Asiatic females, turkey hens, etc.; No. 1020-5, ordinary large Asiatics and Tom Turks; No. 1020-6, extra large Asiatics and large Tom Turks. **Doz., 30c; 25, 50c; 5 doz., \$1.00; 100, \$1.50; 250, \$3.50; 500, \$6.50; 1000, \$12.50.** Sealer, No. 1021, plain, 50c; with lettered jaw, 65c.



No. 1021

Petaluma Poultry Marker

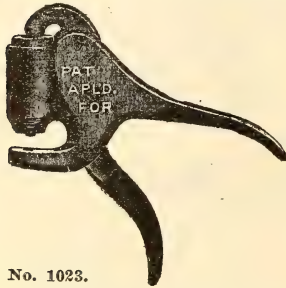
Nickel plated and made in two sizes, the larger adapted only for grown fowls. **Price, No. 1022, either size, 25c.**



No. 1022.

Reliable Spring Lever Punch

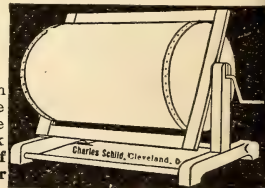
The best poultry marker in the market; makes a clean cut and can be handled in any position. Handle is self-opening, having a strong coil spring around the plunger. Mention style by number. **Price, No. 1023, 25c, postpaid.**



No. 1023.

A new and the most effective method of ridding fowls of lice. From five to twelve fowls can be treated at once more effectively than one by hand, and with less injury than by any other method. Place the fowls inside, sprinkle a little lice powder on them and turn the crank slowly a few times. **Price: No. 1026-1, for chicks, \$5.00, with half can of lice powder; No. 1026-2, for ordinary work, \$4.00; No. 1026-3, for large fowls and turkeys, \$5.00.**

Lightning Lice Killing Machine



Caponizing Instruments

Capons are much easier to keep together without fighting than roosters, and they make larger fowls and sweeter and finer meat, and sell for more money. Our caponizing set consists of German silver instruments, in a fine velvet case. **Price, No. 1025, complete, with book of instructions, \$2.50.**

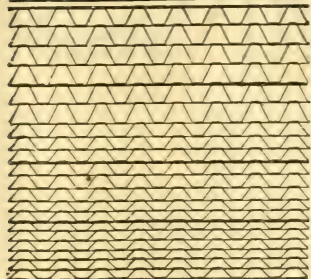


No. 1024

HOLLY CHICK FEED Means Profit for the Poultry Man

If fed from the start you will have bright, healthy chicks, and if the chicks are given nothing else but green stuff and water you can raise 95 per cent of them to the age of six weeks at a cost of two cents each. Every one who has raised poultry knows that the critical time is then over. With this feed incubator chicks are a success. With the methods usually followed there is too great a mortality among the young chicks the first six weeks. Good care and an exclusive Holly Chick Food diet will reduce this mortality to the minimum.

M.M.S. Poultry FENCING

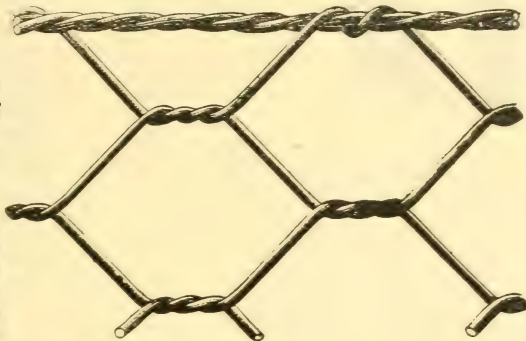


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60 inches	4.75
72 inches	5.50

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		48 in.	60 in.	72 in.
2-in. mesh.....	\$3.00	\$3.75	\$4.50	
1-in. mesh.....	7.20	8.65	10.50	

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Reference Tables

Number of Plants or Trees to the Acre at Given Distances

Dis. Apart.	No. Plants.	Dis. Apart.	No. Plants.	Dis. Apart.	No. Plants.	Dis. Apart.	No. Plants.
12 x 1 in.....	522,720	24 x 24 in.....	10,890	36 x 36 in.....	4,840	60 x 60 in.....	1,743
12 x 3 in.....	174,240	30 x 1 in.....	209,088	42 x 12 in.....	12,446	8 x 1 ft.....	5,445
12 x 12 in.....	43,560	30 x 6 in.....	34,848	42 x 24 in.....	6,223	8 x 3 ft.....	1,815
16 x 1 in.....	392,040	30 x 12 in.....	17,424	42 x 36 in.....	4,148	8 x 8 ft.....	680
18 x 1 in.....	348,480	30 x 16 in.....	13,068	48 x 12 in.....	10,890	10 x 1 ft.....	4,356
18 x 3 in.....	116,160	30 x 20 in.....	10,454	48 x 18 in.....	7,790	10 x 6 ft.....	726
18 x 12 in.....	29,040	30 x 24 in.....	8,712	48 x 24 in.....	5,415	10 x 10 ft.....	435
18 x 18 in.....	19,360	30 x 30 in.....	6,970	48 x 30 in.....	4,356	12 x 1 ft.....	3,630
20 x 1 in.....	313,635	36 x 3 in.....	58,080	48 x 36 in.....	3,630	12 x 5 ft.....	736
20 x 20 in.....	15,681	36 x 12 in.....	14,520	48 x 48 in.....	2,723	12 x 12 ft.....	302
24 x 1 in.....	261,360	36 x 18 in.....	9,680	60 x 36 in.....	2,901	16 x 1 ft.....	2,722
25 x 18 in.....	15,520	36 x 24 in.....	7,260	60 x 48 in.....	2,178	16 x 16 ft.....	170

Quantity of Seed Requisite to Produce a Given Number of Plants and Sow an Acre

	Quantity per Acre.		Quantity per Acre.		Quantity per Acre.
Artichoke, 1 oz to 500 plants.....	6 oz	Cucumber, 1 oz to 100 hills, 1 to.....	2 lbs	Okra, 1½ oz to 100 feet of drill.....	8 lbs
Asparagus, 1 oz to 800 plants.....	1 lb	Egg Plant, 1 oz to 2000 plants.....	4 oz	Onion Seed, 1-3 oz to 100 feet of drill.....	5 lbs
Asparagus Roots.....	7259	Endive, ¼ oz to 100 feet of drill.....	4½ lbs	Onion Seed, for Sets.....	30 to 80 lbs
Barley.....	2½ bu	Flax, broadcast.....	½ bu	Onion Sets, 1 qt to 40 feet of drill.....	8 bu
Beans, dwarf, 1½ pts to 100 feet of drill.....	1 bu	Garlic, bulbs, 1 lb to 10 feet of drill.....	5 bu	Parsnip, ¼ oz to 100 feet of drill.....	3 lbs
Beans, pole, 1½ pts to 100 hills.....	½ bu	Gourd, 2 oz to 100 hills.....	2 bu	Parsley, ¼ oz to 100 feet of drill.....	3 lbs
Beets, garden, 1 oz to 100 feet of drill.....	7 lbs	Grass, Mixed Lawn, 3 to 5.....	2 bu	Peas, Garden, 1 pt to 100 feet of drill.....	2 bu
Beets, Mangel, 1 oz to 100 feet of drill.....	5 lbs	Grass, Orchard, Perennial, Rye, Red Top, Fowl Meadow and Wood Meadow.....	2 bu	Peas, Field.....	2 bu
Broccoli, 1 oz to 5000 plants.....	2 oz	Grass, Red Top, fancy clean.....	8 to 10 lbs	Pepper, 1 oz to 15,000 plants.....	3 oz
Broom Corn.....	10	Grass, Timothy.....	¼ bu	Potatoes.....	8 bu
Brussels Sprouts, 1 oz to 5000 plants.....	2 oz	Grass, Blue, Kentucky.....	2 bu	Pumpkin, 1-3 qt to 100 hills.....	3 to 4 lbs
Buckwheat.....	½ bu	Grass, Blue, English.....	1 bu	Radish, 2-3 oz to 100 feet of drill.....	10 to 12 lbs
Cabbage, 1 oz to 5000 plants.....	2 oz	Grass, Hungarian and Millet.....	½ bu	Rye.....	1½ bu
Carrot, ¼ oz to 100 feet of drill.....	2½ lbs	Hemp.....	½ bu	Salsify, 1-3 oz to 100 feet of drill.....	8 lbs
Cauliflower, 1 oz to 5000 plants.....	2½ oz	Horse Radish Roots.....	15,000	Spinach, ½ oz to 100 feet of drill.....	8 lbs
Celery, 1 oz to 15,000 plants.....	2 oz	Kale 1 oz to 5000 plants.....	2 oz	Spurry.....	15 lbs
Chicory.....	4 lbs	Kohl Rabi, 1-3 oz to 100 feet of drill.....	4 lbs	Summer Savory.....	¼ lb
Clover, Lucerne, Large Red and Crimson Trefoil.....	3 lbs	Leek, 1-3 oz to 100 feet of drill.....	4 lbs	Sunflower.....	3 lbs
Clover, Alsike and White Dutch.....	6 lbs	Lettuce, ½ oz to 100 feet of drill.....	3 lbs	Squash, Summer, 4 oz to 100 hills.....	2 lbs
Clover, medium.....	10 lbs	Martynia, ½ oz to 100 feet of drill.....	5 lbs	Squash, Winter, 8 oz to 100 hills.....	2 lbs
Collards, 1 oz to 5000 plants.....	2 oz	Melon, Musk, 1 oz to 100 hills.....	1 to 2 lbs	Tomato, 1 oz to 4500 plants.....	1 oz
Corn, rice (shelled).....	2 qts	Melon, Water, 4 oz to 100 hills.....	1½ to 2 lbs	Tobacco, 1 oz to 50,000 plants.....	2 oz
Corn, sweet, ½ pt to 100 hills.....	5 qts	Nasturtium, 2 oz to 100 feet of drill.....	15 lbs	Turnip, 1 oz to 250 feet of drill.....	1½ lbs
Cress, ½ oz to 100 feet of drill.....	12 lbs	Oats.....	2 bu	Vetches.....	2 bu
				Wheat.....	1½ bu

Weights of Various Articles

	Per bush.		Per bush.		Per bush.		Per bush.
Apples.....	48 lbs	Corn, on ear.....	70 lbs	Peach Pits.....	48 lbs	Wheat.....	60 lbs
Apples, dried.....	22 lbs	Corn Meal.....	50 lbs	Peas, smooth.....	60 lbs	Flour, per bbl, net.....	196 lbs
Barley.....	48 lbs	Charcoal.....	22 lbs	Peas, wrinkled.....	55 lbs	Salt, per bbl.....	280 lbs
Beans.....	60 lbs	Cranberries.....	40 lbs	Perennial Rye.....	20 lbs		Per cubic foot.
Buckwheat.....	48 lbs	Dried Peaches.....	28 lbs	Potatoes, heaping measure.....	60 lbs	Hay, well set-tled.....	4½ lbs
Broom Corn.....	46 lbs	Flax Seed.....	56 lbs	Rape.....	50 lbs	Corn, on cob, in bin.....	22 lbs
Blue Grass, Kentucky.....	14 lbs	Fowl Meadow.....	12 lbs	Rye.....	56 lbs	Corn, shelled, in bin.....	45 lbs
Blue Grass, English.....	24 lbs	Hemp Seed.....	44 lbs	Red Top.....	14 lbs	Wheat, in bin.....	48 lbs
Bran.....	20 lbs	Hungarian.....	50 lbs	Salt, coarse.....	50 lbs	Oats, in bin.....	22½ lbs
Canary Seed.....	60 lbs	Millet.....	50 lbs	Salt, Michigan.....	56 lbs	Potatoes, in bin.....	38½ lbs
Clover Seed.....	60 lbs	Oats.....	32 lbs	Sweet Potatoes.....	56 lbs		
Corn, shelled.....	56 lbs	Osage Orange.....	33 lbs	Timothy Seed.....	45 lbs		
		Orchard Grass.....	14 lbs	Turnips.....	58 lbs		
		Onion.....	54 lbs				

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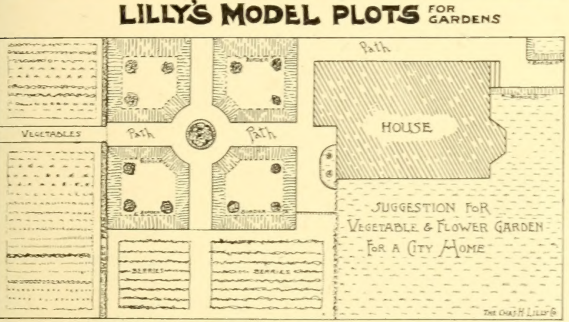
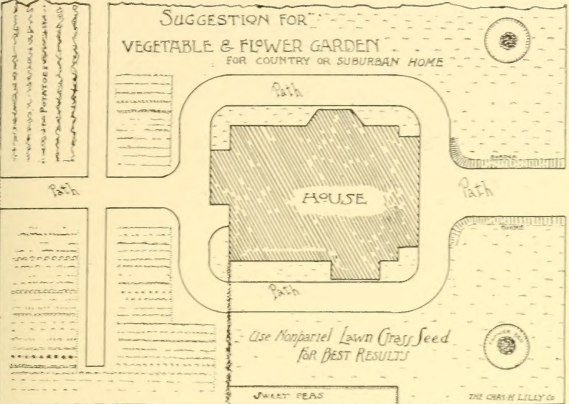
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