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U.S. DEPARTMENT OF AGRICULTURE
WASHINGTON, D.C.



1911
LILLY'S
BEST
SEEDS

Dec

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ERRATA

On account of crop conditions which have developed since the Specialties Section of this catalog was printed, we have been compelled to change prices on the following Specialties shown on pages 3 to 32.

Large French Green Globe Artichoke
Columbia Mammoth Asparagus
Golden Jersey Wax Bean
Longfellow Bean
Jones' Stringless Wax Bean
Crosby's Egyptian Beet
Vilmorin's Paris Golden Yellow Celery
Golden Bantam Corn
Nonpareil Hanson Lettuce
Prizetaker Onion
New White Queen Onion
Spark's Earliana Tomato
Livingstone's Coreless Tomato
Snowball Turnip
Extra Early White Milan Turnip

Some prices have been advanced, and others reduced. For correct prices, see Price List Section, pages 33 to 45.

LILLY'S BEST

TO OUR NEW CUSTOMERS, we wish to call attention to our trade-mark, **LILLY'S**. Standing, as it does, for the highest quality obtainable in our line of goods, makes us proud of the reputation and prominence **LILLY'S** has won all over the United States and especially on the Pacific Coast.

The quality put up under **LILLY'S** trade-mark has had our closest attention for years, and has cost us much in time and experience, so we feel justified in the pride we have in **LILLY'S**.

As it is much easier to lose a good reputation than to gain one, we shall continue our vigilance in regard to **LILLY'S** quality. Dissatisfaction and failures will occur at times, owing to ignorant or careless planting and cultivation, weather and soil conditions, etc., over which we have no control, but **LILLY'S** we do control.

TO OUR OLD CUSTOMERS we do not have to make any explanations, as they have learned from experience, and to them **LILLY'S** is sufficient.

THE CHAS. H. LILLY CO.

Portland

Established 1885

Seattle

PREMIUMS

For Orders Received Before March 15th, 1911.

It is not only an advantage to us to have orders early, but it is also an advantage to you, as later we are liable to be sold out of the choice varieties. As an inducement to order early, with orders for *Garden Seeds or Flower Seeds*, amounting to \$1.00 or more, received before March 15th, 1911, we will give a due bill for ten per cent of the amount of the order, good on any future order for *Garden Seeds or Flower Seeds* before January 1st, 1913.

In addition to this, we will give a year's subscription to the following magazines for quantity orders.

Pacific Monthly.

A standard monthly magazine containing good stories, scientific and educational articles. Price \$1.50 per year. We will give it free with any order for any goods listed in this catalog, received before January 1st, 1912, amounting to \$25.00 or more.

Better Fruit.

A splendidly illustrated monthly magazine devoted solely to fruit culture. The official organ of the Northwest Fruit Growers' Association. Price \$1.00 per year. We will give it free with an order for any goods listed in this catalog, received before January 1st, 1912, amounting to \$20.00 or more.

Northwest Poultry Journal.

An illustrated monthly magazine devoted to poultry raising in the Northwest, for both professional and amateur. Price 50c per year. We will give it free with any order for any goods listed in this catalog, received before January 1st, 1912, amounting to \$15.00 or more.

The Ranch.

An illustrated monthly magazine for the home and ranch. Price 50c per year. We will give it free with any order for any goods listed in this catalog, received before January 1st, 1912, amounting to \$10.00 or more.

The Westerner.

An illustrated family magazine devoted to the West. Price 50c per year. We will give it free with any order for any goods listed in this catalog, received before January 1st, 1912, amounting to \$5.00 or more.

Club Orders.

If you do not need enough of our goods to get the magazine which you wish, make up a club order among your neighbors, and have the magazine and due bill for your trouble.

If you do not care for the magazines, you may have them mailed to a friend.

For the Children.

To any boy or girl under sixteen years of age, who will make a vegetable garden or flower garden, to be planted and cultivated by him or her exclusively, and who will, when the garden has reached maturity, write us a detailed account of their successes and failures, showing the amount of profit or pleasure derived, we will furnish seed to the amount of not to exceed one dollar, at one half the catalog price, and to the most successful we will give a small premium. Write the order yourself, stating your age.

We Wish Your Opinion.

If you will write to us, stating exactly what you think of our goods and our manner of doing business, so that we may know if our efforts are appreciated, and can correct any faults, we will send you *The Westerner* one year, free.

If you wish any of these premiums, you must ask for them with the order.

Cash Prizes at the State Fairs

WE WILL GIVE FIVE CASH PRIZES OF \$10.00 EACH for the best display of garden or farm products grown from **LILLY'S SEEDS** exhibited at the state fairs of Washington, Oregon, California, Idaho and at the Valley Fair at Puyallup, with which a card is displayed, reading, "Grown from **LILLY'S SEEDS**."

We should be notified in advance that you are going to compete for the prize, and will mail you cards to display with the exhibit.

To Judges and Secretaries of State Fairs of Washington, Oregon, California, Idaho and Valley Fairs

We hereby authorize you to award a cash prize of \$10.00 at each of the above named fairs for the best exhibits of garden and farm products proclaimed in a conspicuous manner as being grown from **LILLY'S SEEDS**.

The CHAS. H. LILLY CO.

Portland

Established 1885

Seattle

VEGETABLE SEEDS



Growing Seeds for The Chas. H. Lilly Co.

FOLLOWING ARE A FEW CHOICE VARIETIES selected by us as being especially desirable, and best suited to the West. If you are not familiar with the varieties, you will be safe in choosing these which experience has taught us are the best. Other good and standard varieties are listed on pages 33 to 45.

Use seeds grown and acclimated in the Northwest; they will cost little, if any, more than eastern grown seeds, and if planted right, you are sure of a good crop. Our prices are not low, but they are as low as Lilly's Best Seeds can be produced for. The cost of seeds is very small compared with the other expenses and labor of producing a crop, or compared with the value of the crop produced, and it will pay you to procure the very best that are to be had.

Large French

GREEN GLOBE Artichoke

THIS is entirely different from the Jerusalem Artichoke, of which the edible portion is the tubers, and which, in this country, is used mostly for stock food. The Green Globe Artichoke is a delicious vegetable which deserves to be more generally grown in American gardens, and is worthy of the estimation which it has so long enjoyed in other countries. The plant resembles a giant thistle, and the edible portion is the immature flower head, which is boiled and served with a butter dressing.

Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c, postpaid.

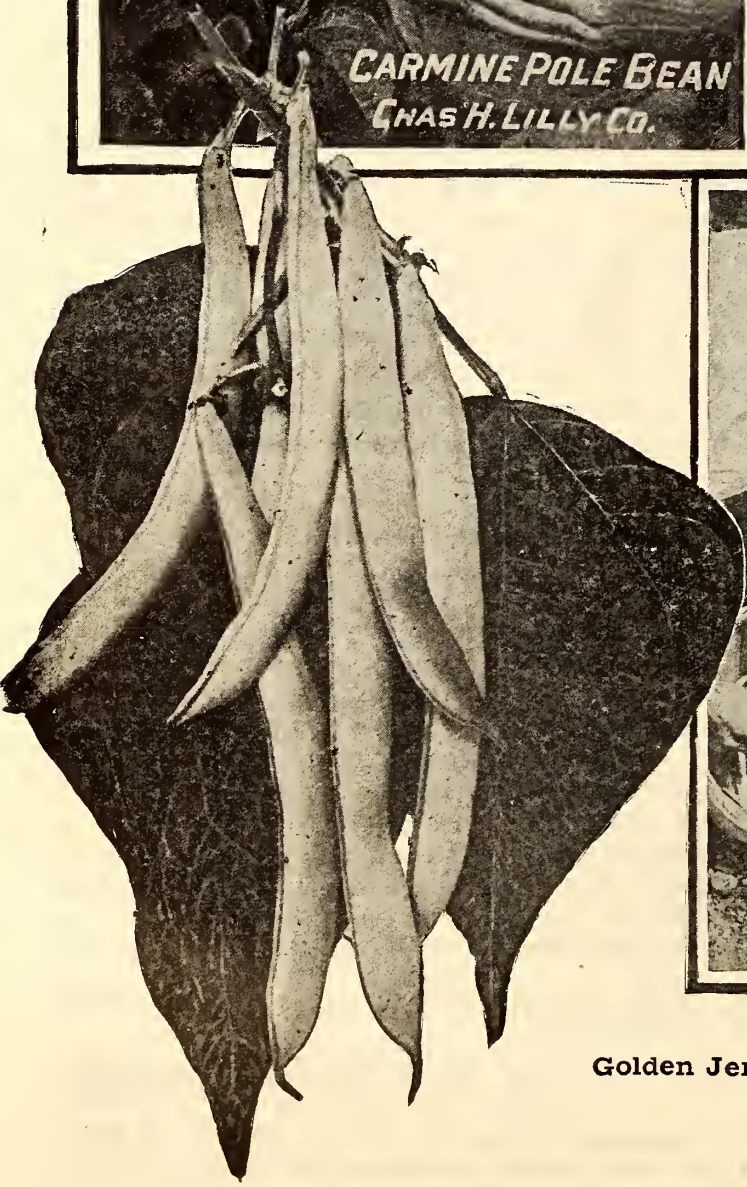
Columbia Mammoth

Asparagus

THIS superior variety is of recent introduction, and in size, color and yield, far surpasses any other variety, commanding the highest price in all markets where it is known. The delicacy of its color notably distinguishes it, the thick stalks are unusually tender, succulent and of delicious flavor. It is the largest asparagus grown; a bunch of twelve stalks weighing about two pounds. Three years are required to grow asparagus from seed; one year may be saved by purchasing one year old roots, which are listed elsewhere in this catalog.

Pkt., 5c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00, postpaid.

THE CROP BOOK contains detailed cultural directions for all common vegetables, flowers and farm crops; also much general information of value to the farmer, gardener, or the person with a home to beautify. It is written by officials of the Department of Agriculture, and other experts on the various subjects, and is free from advertising of any kind. Furnished free with orders, if asked for.



The Varieties of
Best suited

LILLY'S
BEST

Beans
for the West

Golden Jersey Wax

THE BEST YELLOW POD BUSH VARIETY; an improved strain of the old favorite, Golden Wax, which has long been the standard, and most universally grown wax bean in all sections of the country. The plant is small, hardy, very erect, vigorous, thick stemmed, without runners, very early and productive. The pods are

absolutely stringless, very tender, and of splendid quality and flavor; uniform in size, medium length, straight, oval through cross-section, and of a deep yellow color. The dry seeds are of medium size; white, with mottling of violet and yellow around eye and ends. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; lb., 25c. By express, not prepaid, Pkt., 10c; lb., 15c; 10 lbs., \$1.25.

Longfellow Bush

FOR those who prefer a green podded bush bean, the Longfellow is a superior "snap" variety. The plant is rather large and spreading, weighted down with heavy outstretched branches, but without runners, medium early and very productive. The pods are very long and straight, round,

dark green, brittle, rather stringy, but of good quality and flavor. The dry seeds are dingy brownish-red freely splashed with pale buff; medium size; very slender and straight. Lilly's select stock, sold only in sealed packages.

By mail, postpaid, Pkt., 10c; lb., 25c. By express, not prepaid, Pkt., 10c; lb., 15c; 10 lbs., \$1.25.

Carmine Pole

THE best and most handsome all-round pole bean for snaps, green shell, and dry shell beans, either for home or market. The pods are brilliantly splashed with bright carmine on a greenish-yellow background; very long and flat, gen-

erally straight; surface smooth; very brittle; entirely stringless and without fiber; of splendid quality, and free from anthracnose. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; lb., 30c. By express, not prepaid, Pkt., 10c; lb., 20c; 10 lbs., \$1.80.

Jones' Stringless Wax

ONE of the newer varieties, and becoming more popular each year. Some of our customers claim that there is no other bean equal to it. The plants are of medium size, erect, thick stemmed, without runners, early and productive. The pods are of uniform size, medium length, curved,

round, yellow, very brittle, entirely stringless, without fiber, and of excellent quality. The ripe dry seeds are good for winter beans; are medium size, rather slender, and solid white except a particle of yellow around the eye. Lilly's select stock, sold only in sealed packages.

By mail, postpaid, Pkt., 10c; lb., 30c. By express, not prepaid, Pkt., 10c; lb., 20c; 10 lbs., \$1.50.

I feel that you fail to give sufficient prominence in your catalog to your strain of Delicata Squash. I grew this squash in the East, from Eastern seed, and thought I knew the strain, but plants grown from your seed were a revelation to me—such production, flavor and size, for with us some of the squashes were as large as medium sized watermelons.

Because of the early frost, our crop of winter squashes is a failure, but with our present supply of fine Delicatas to draw upon, this is not such a calamity as it might have been.

MRS. MORGAN EMERY,
Matlock, Wash.

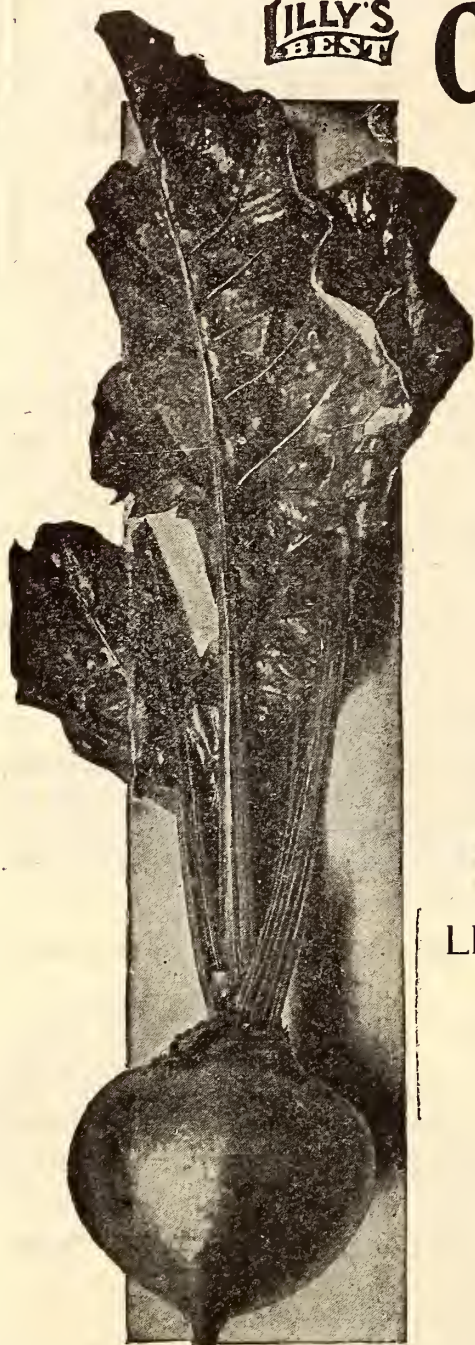
Enclosed find order for seeds. I have used seeds from your house for several years, and have produced some grand vegetables from them. I have the best of success with the Puget Sound Special Tomato, and Cool and Crisp Cucumbers were great. From two ounces of seed I put up a thirty-gallon-cask of fine pickles.

C. I. BALLARD,
Rickreall, Ore.

The Crop Book furnished free with orders, if requested.

LILLY'S
BEST

Crimson Globe Beet

BEST IN FLAVOR
IN FORM
IN COLOR

THIS magnificent variety is just the Beet you want, and the finest of all for the home garden. It grows to just the right size for cooking, averaging about three inches in diameter, with rich, red flesh, finely grained, exceedingly tender, deliciously sweet and delicately zoned with white, making it most attractive in appearance. The surface of the Crimson Globe is quite smooth, entirely free from woody, fibrous roots. It is very early and uniform in size and the best variety by far for the market. (See cut.) As a matter of fact, Lilly's Crimson Globe Beet is the best stock obtainable, carefully selected and chosen as a novelty for its many fine qualities. Give it a trial and see what a really good beet is worth to you.

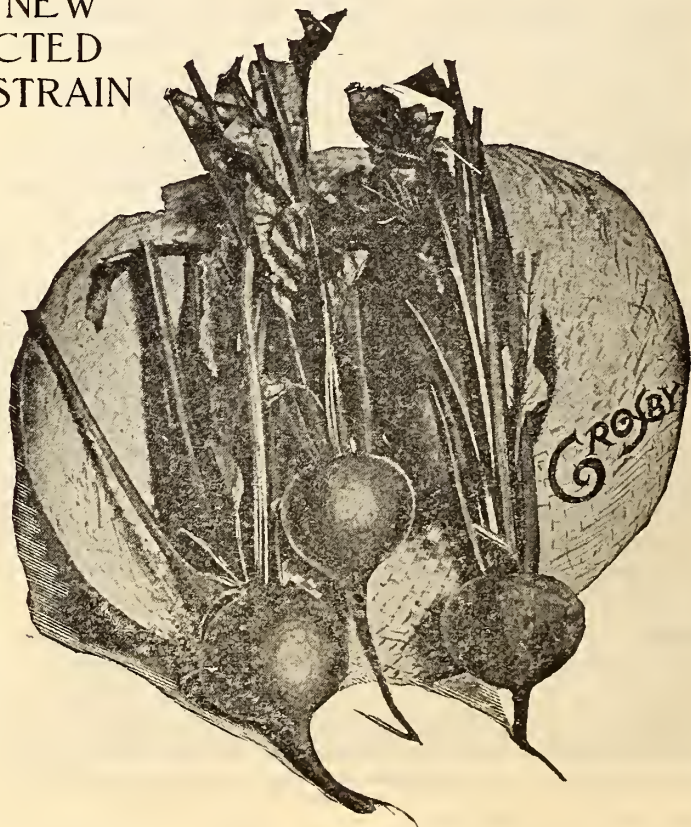
By mail, postpaid, pkt., 10c; $\frac{1}{4}$ lb., 25c; lb., 80c.
Not prepaid, pkt., 10c; $\frac{1}{4}$ lb., 25c; 1 lb., 70c; 10 lbs., \$6.00.

"I take pleasure in recommending your seeds. I have used them six years without one failure. Your Crimson Globe Beet is a record breaker."
J. E. FIELDER, Anacortes, Wash.

LILLY'S
BEST

Crosby's Egyptian Beet

LILLY'S NEW
SELECTED
STRAIN

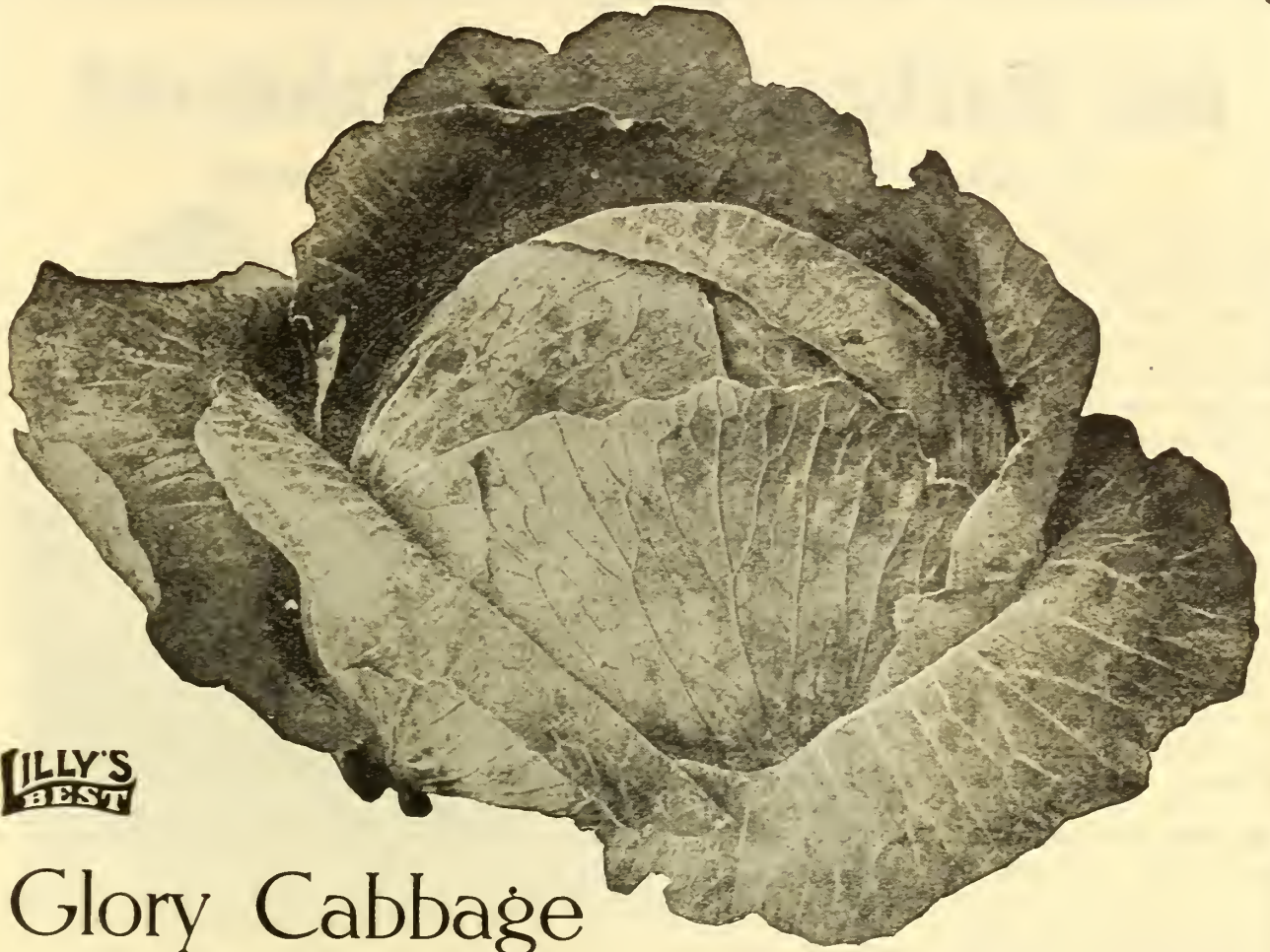


This is not to be confused with the old-time favorite, Extra Early Egyptian, for Crosby's is an especially selected strain, fully as early as the old variety, but excelling it in all other respects, being larger, smoother, thicker and of much finer quality. In color it is peerless; very finely grained, tender and sweet; does not become woody nor hard, and because of this and the fact that the top is not as large as the old variety, it is the most popular with market gardeners.

Sold only in sealed packages.

By mail, postpaid, pkt., 10c; $\frac{1}{4}$ lb., 20c; lb., 60c.
Not prepaid, pkt., 10c; $\frac{1}{4}$ lb., 20c; 1 lb., 50c; 10 lbs., \$4.00.

OUR SPRAY BOOK TELLS HOW, WHEN, AND WITH WHAT TO SPRAY.



**LILLY'S
BEST**

Glory Cabbage

The Best Of All Cabbages

THE DELICIOUS FLAVOR of Early Jersey Wakefield, the size of All Seasons, and the solidity and keeping qualities of Danish Ballhead are all combined in Lilly's Glory Cabbage. It satisfies the most fastidious, and for all-around downright goodness, no variety has ever been produced that can approach it—it is in a class by itself. It produces a large per cent of solid heads, and the heads are so compact and solid that they are much heavier than others of the same size. The

Puget Sound country is especially adapted to growing cabbages, cabbage seed produced here is acknowledged to be the best, and Lilly's Glory is the best cabbage that is produced even in the Puget Sound country. It is a vigorous grower, good shipper, true to type, symmetrical, uniform in size and shape, and the inside is white, crisp, tender and sweet. Get the best; it will pay you, and the best is undoubtedly Lilly's Glory. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 75c; lb., \$2.50. By express, lb., \$2.40.



**LILLY'S
BEST**

Threshing Cabbage Seed on the Puget Sound farms of the Chas. H. Lilly Co.

LILLY'S
BEST

Early Jersey Wakefield

A Select Strain Grown On Puget Sound

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 gardener's 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.

By Mail, postpaid, Pkt., 10c; Oz., 20c;
1-4 lb., 75c. 1 lb., \$2. 00

"I have used your seed for the last three years and have always found them excellent. The Early Jersey Wakefield came up fine."

"Having used Lilly's Best Seeds and goods with greatest success, will continue to plant them in the future."

LILLY'S
BEST

ALL-SEASONS CABBAGE

Good for Summer
Good for Winter



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. Every one who has grown it is enthusiastic over it. Our seed is especially grown and selected for us, and sold in sealed packages.

Postpaid, Pkt., 10c; Oz., 20c;
1/4 lb., 60c; Lb., \$2.00.

IF SEEDS ARE WANTED BY EXPRESS OR FREIGHT, CHARGES PAID BY YOU,
DEDUCT 10c PER LB.

LILLY'S
BEST

Danish Ballhead Cabbage

LILLY'S SELECT STOCK

Not New
But Improved



Danish Ball Head is too well known to need very much description, suffice it to say that our strain of Danish Ball Head yields a larger number of solid heads than any other variety. It is hardy, withstands hot weather, does not burst in wet seasons and will stand much longer in the ground than any other variety. This is not to be wondered at when in addition to the choice quality of Lilly's seed is added the climate of the Pacific Coast, which is especially adapted for cabbage growing.

Pkt., 10c; Oz., 20c; ¼ lb., 75c; Lb., \$2.50, Prepaid.

"I take pleasure in recommending your seeds. I have used them six years without one failure. Especially the Danish Ball Head Cabbage, which has always been a leader with me: in fact, I will have no other. It will get hard in very late planting when prices are good and all other cabbage fails."

J. E. FIELDER.

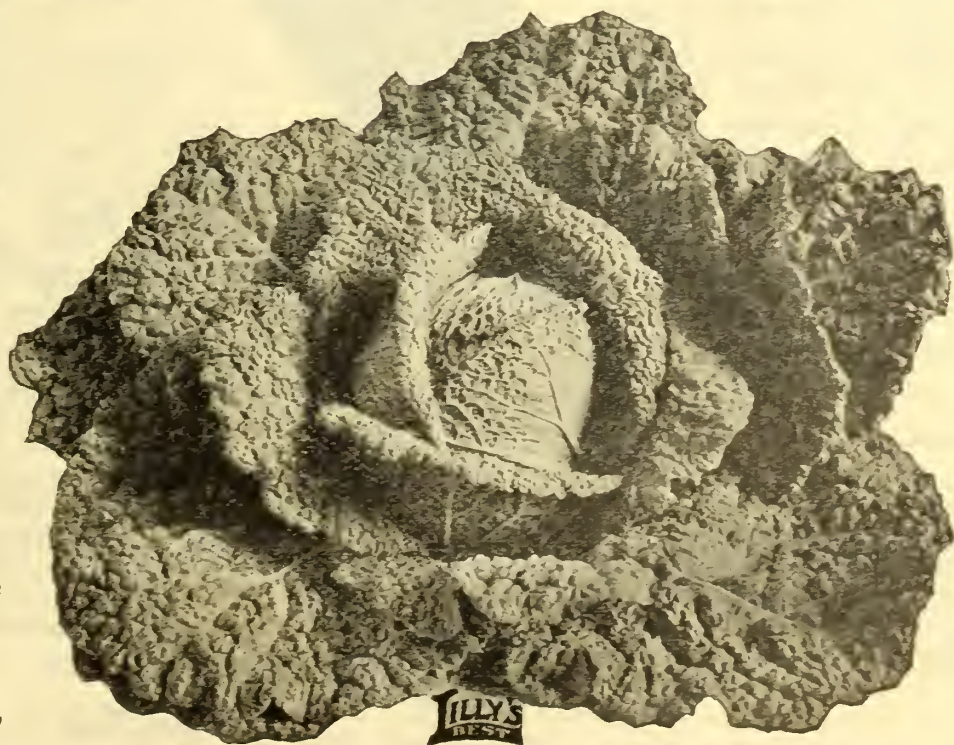
Proprietor Highland Market Garden, Anacortes, Wash.

Drumhead Savoy Cabbage

LILLY'S
BEST **Select Stock**

The Savoy Cabbages are noted for their fine and delicate flavor. The leaves are wrinkled in a peculiar and characteristic manner. The heads in our strain of Drumhead Savoy are large and very compact, and of a most attractive appearance. It is an excellent winter keeper. Especially recommended for home use. The most valuable cabbage for making sauer kraut.

Pkt., 5c; Oz., 20c; ¼ lb., 60c; Lb., \$2.00, Prepaid.



LILLY'S
BEST

Golden Half Long Carrot

Best of the Yellow Carrots
Best of the Keeping Carrots

Remarkably True to Type,
and a High Grade,
Successful Grower.

Once tested always used, is the popular opinion in regard to this justly popular variety.

When mature it is of large size, equalling any of the old style carrots in bulk and weight 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. In shape cylindrical, taproots small and tapering. Grows to a large size and is very smooth. The flesh is finely grained, small core.

Golden Half Long grows well in all soils and under good cultivation has often yielded from 25 to 30 tons per acre. It is a valuable crop, both for table and stock feeding.

By mail postpaid
Oz. 10c, 1-4 lb. 25c, lb. 90c

I will mail you today under separate cover a photo for your catalogue. This place has grown your seeds for the past five years and, in fact, I have earned the home from the use of same. The name of the place is Highland Market Garden. I cheerfully recommend the Golden Half Long Carrot; It is the best seller and producer."

J. E. FIELDER,

Anacortes, Wash.

The Chas. H. Lilly Co.

My order this year is much smaller than last year because I had some seeds left over and have tested them and found them all right. I was well pleased with the seeds that you sent me last year. Jones Stringless Wax Beans could not be beat; Mt. Rainier Peas were the best I ever had; Jack Frost Corn was lovely; English Forcing Lettuce was splendid; Golden Half Long Carrot very prolific and good table carrot; Crimson Giant Radish very good; Puget Sound Special Tomatoes were good crop for this climate; and the rest equally as good.

Yours truly, ALFRED COLES

Arlington, Wash,



The Crop Book

Contains eighty-eight pages of useful information. Furnished free with orders if requested



**LILLY'S
BEST**

EARLY ALBA CAULIFLOWER

PUGET SOUND is the only place on the American continent where a high grade of cauliflower seed can be grown. Early Alba produces heads of the most dazzling beauty; perfect in form, large, smooth and white as snow. When planted on the shores of Puget Sound, in a climate that is peculiarly adapted to growing cauliflower, it will produce plants of the very finest quality. The winters are of a uniform temperature, never getting cold enough to entirely check the growth of the

Pkt., 25c; oz., \$2.50, postpaid. Sold only in sealed packages.

mother plants, and at the same time it is never warm enough to start an unhealthy growth at the 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, for it is superior to all others; the earliest of all, with very compact, solid flower that makes it outweigh other strains.

Last year I grew a good crop of Early Alba Cauliflower from your seed. One cauliflower, when all ready for cooking, weighted $4\frac{3}{4}$ pounds. They were grown on ground cleared last spring.

H. THOMSON,
Snohomish, Wash.

Enclosed find 10 cts., for which send me Lilly's Best Glory Cabbage Seed. It is the finest cabbage I have ever grown, and I have grown all kinds.

MRS. FANNIE LEIST,
Holly, Wash.

Enclosed find 50 cts. in stamps, for which please send by mail, four packets Jack Frost Corn. I have tried many varieties of sweet corn here, and find Jack Frost superior to any other for this section. I grow splendid ears every year without irrigation.

MAES B. MERRITT,
Corning, Cal.

We have used seeds from three or four other companies, and find we cannot rely on any of them except yours. I always find your seeds grow better than any other seeds I have ever tried. I always recommend your seeds to all my neighbors.

JAS. F. SMITH,
La Center, Wash.

I take pleasure in recommending your seeds. I have used them six years without one failure. Your Crimson Globe Beet is a record breaker.

J. E. FIELDER,
Anacortes, Wash.

Your seed did fine, and if it was not for your Glory Cabbage I would not have had any crop at all, for the cabbage seed I bought elsewhere was a failure. All your seeds came up nicely.

A. T. PEARSON,
Bath, Pa.

THE CROP BOOK contains eighty-eight 6 by 9 inch pages of valuable information compiled by us from Government bulletins and other reliable sources, also many articles written especially for us by men who are experts on the various subjects. It is, in fact, a Farm and Garden Cyclopaedia, and contains no advertising matter. We furnish it free with any order, no matter how small, provided you ask for it.

LILLY'S
BEST

Vilmorin's Paris Golden Yellow CELERY

THIS delicious variety of French origin is very popular both for private and market use, and our strain is the very best that can be produced. It blanches naturally to a sparkling, creamy white. The stalks are crisp, free from stringiness and of a delicious flavor. We consider this the most valuable variety possible to obtain for home and market gardens because of its sturdy growth, self-blanching qualities and unequalled flavor.

Sold only in Sealed Packets: Pkt., 10c; Oz., 40c; ¼ lb., \$1.25; lb., \$4.00, Prepaid.

LILLY'S
BESTSelect
Stock

Silver Plume CELERY

**A Beautiful Coloring, Self Blanching Variety
Sturdy, Solid. Early.**

By continuous selection we have perfected a Silver Plume that will positively blanch naturally, making handsome silver white plumes so aptly suggested in the name. Silver Plume is of a dwarf growth, very compact and solid. The stalks thick and heavy with pure white hearts, brittle, crisp and tender, free from stringiness and unexcelled in piquancy of flavor. Sold only in sealed packages.

Pkt., 10c; Oz., 40c; ¼ lb., \$1.25; lb., \$4.00, Prepaid.

TO ANY BOY OR GIRL UNDER 16 YEARS OF AGE who will make a vegetable garden or flower garden, to be planted and cultivated by him or her exclusively and who will, when the garden has reached maturity, write us a detailed account of their successes and failures, showing the amount of profit or pleasure derived, we will furnish seed to the amount of not to exceed one dollar, at one half the catalog price, and to the most successful we will give a small premium. Write the order yourself, stating your age.

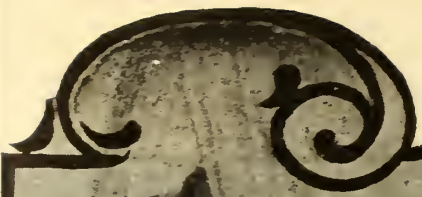
**JILLY'S
BEST**

PARIS
GOLDEN
YELLOW



**JILLY'S
BEST**

JACK FROST
SWEET CORN





Sweet Corn Best Suited To The Pacific Coast

JACK FROST

The very earliest corn grown, and peculiarly adapted to the climate of the Pacific Coast, where it was originated by us, and where the seed is still grown. This explains why it thrives so much better than corn imported from the East, where climatic conditions are vastly different. Cobs are small, and kernels have a delicate flavor and melting tenderness, and remaining so longer than any other variety. Many of our customers plant this corn in succession, preferring it to the later main-crop varieties. The stalks are dwarf, admitting of very close planting, and produce wonderfully, bearing two to five ears each.

Sold only in Sealed Packets. Pkt., 15c; 2 Pkts., 25c, Prepaid.
By express or freight same price.

METROPOLITAN

For the Pacific Northwest there is no Sweet Corn that has proven itself a greater favorite and deserving of more general use than Metropolitan. It is one of the very best sweet corns for the Northwest; it is early as the Red Cory and the ears are large as Stowell's Evergreen. Lilly's Select Stock of Metropolitan Sweet Corn is especially adapted to the Puget Sound country, and is the corn for the early market. Try it this season and you will be more than pleased. The ears are large and well formed and the kernels plump and deliciously sweet.

Pkt., 10c; Lb., 25c, Prepaid.
By express or freight, not prepaid, Pkt., 10c; Lb., 15c; 10 lbs., \$1.20; 100 lbs., \$9.00.

GOLDEN BANTAM

Only excelled by Jack Frost in earliness, and is the sweetest Sweet Corn grown. Ears are short and fat, compactly filled with kernels, which, when ready for the table, are creamy yellow, luciously sweet, tender and milky. Is very hardy and may be planted earlier than most varieties, and is well adapted to our cool summers.

Pkt., 10c; Lb., 25c, Prepaid.
By express or freight, charges paid by you, Pkt., 10c; Lb., 15c; 10 lbs., \$1.25; 100 lbs., \$10.00.

OUR "CROP BOOK" GIVES CULTURAL DIRECTIONS. FREE WITH ORDERS.

Lilly's Pride of the Pacific CUCUMBER

This grand variety has only been brought to its present stage of perfection by the most careful methods of cultivation. It is an improvement over all others of the White Spine family, and is positively the best variety for greenhouse culture, and we stand back of this guarantee. Use it and you'll be satisfied. The hardy, vigorous vines produce an enormous crop of perfectly smooth, very dark green, handsome fruit, measuring from 10 to 18 inches long. The fruit, too, is always straight, remains green until ripe and is very solid. When sliced, you will find the flesh of a transparent sparkling white, firm, crisp, juicy and of the most delicious flavor.

Pride of the Pacific is a favorite both among gardeners and families. It brings the market price, positively bearing no misshaped or disfigured fruit; is mildew proof and a prolific bearer.

Pkt., 10c; Oz., 20c; ¼ lb., 65c; Lb., \$2.00, Prepaid.

Davis Perfect

The New Cucumber

By using this new variety, gardeners can produce out-of-door cucumbers that will sell in the market for hot-house forcing varieties, and the name "Perfect" is not misleading, as it combines ideal shape, quality, color and productiveness. The cucumbers grow long and slim, sometimes measuring twelve inches in length. The color is a rich, dark, glossy green, which they hold until nearly ripe, when they turn white instead of yellow. It is almost seedless one-third of its length, and the few seeds contained in the blossom end are so small and tender that they are hardly noticeable.

Lilly's select stock, sold only in sealed packages. By mail, postpaid, Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

I received my seeds last Monday, by freight; am well pleased with same, and convinced my folks that we could buy seeds at home, in our own state, just as good as from the East.

ANTON DELATEUR,
Willipa, Wash.

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.

This is one of our specialties that we can heartily recommend.

Pkt., 10c; Oz., 20c; ¼ lb., 60c; Lb., \$1.75. Prepaid.

THE CHAS. H. LILLY CO.

EMERALD ISLE KALE

-BORECOLE-

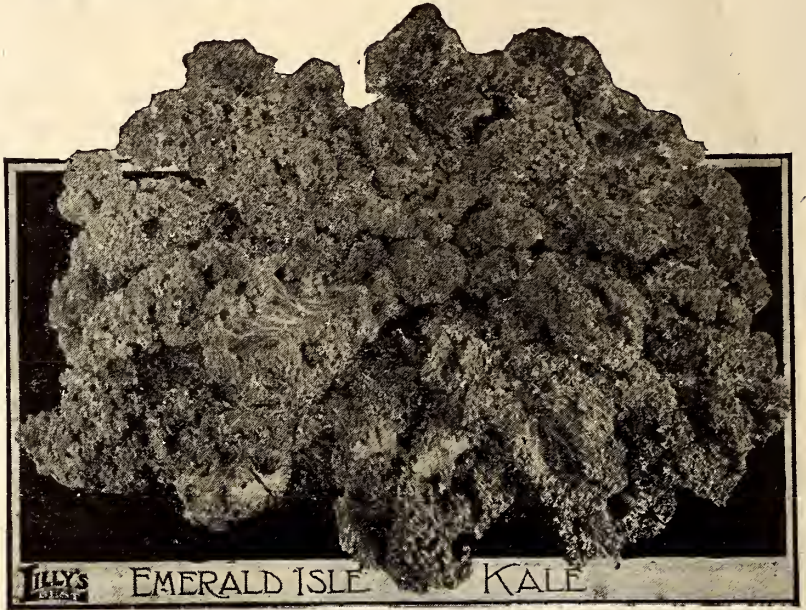
Lilly's Select Stock

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 Fall and Winter.

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

Sold only in sealed packages.

Pkt., 10c; Oz., 15c;
¼ lb., 30c; 1b., \$1.00,



IMMENSITY LETTUCE



Lilly's Select Stock

The Largest Lettuce Crown

Notwithstanding its great size, it is tender, sweet and crisp. Produces fine, large, solid heads, often three feet in circumference. It has great heat resisting qualities, is slow to go to seed, and is very reliable for a late crop when other varieties are unfit for use. Although of immense size, it is not coarse or bitter. Even the outer leaves are tender. Select stock.

Pkt., 5c; Oz., 20c; ¼ lb., 50c;
1b., \$1.50, Prepaid. Prepaid.

The Chas. H. Lilly Co.
Seattle, Wash.

Dear Sirs:—Last Spring I ordered seed from you. It came promptly and was very good. I was writing a letter to my sister in Southern Minnesota, so enclosed a few seeds of Lilly's Glory Cabbage and Puget Sound Tomato, and she thought they were so fine that she took some to the county fair, and they helped her to get first prize of \$5.00 for the best box of vegetables. Isn't that pretty good for western seed in eastern soil?

Yours truly,
IDA M. HARRIS.

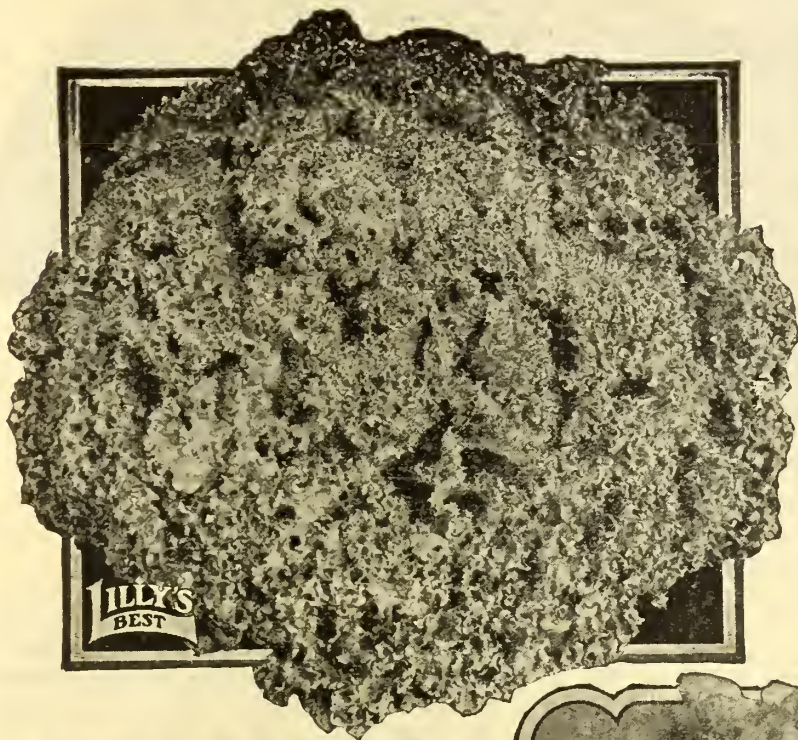
R. F. D. No. 1, Box 35.
Sublimity, Oregon, Dec. 1, 1908.

LILLY'S FORCING LETTUCE

CRISP, TENDER, EARLY

We offer you this valuable early 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 other varieties. Lilly's English Forcing is without a peer for market purposes, being very early and growing in large bunches, of a beautiful light green color, never spotted, tender, and crisp. Will stand shipping well; always reliable.

Lilly's Select Stock. Sold only in sealed packages. Pkt., 10c; Oz., 20c; ¼ lb., 50c; Lb., \$1.25, Post-paid.



DELICIOUS LETTUCE

Introduced by us and placed on the market for the first time last year.

It is very early, forming fine, hard, medium sized heads within a few weeks after planting. Leaves are light green, the outer leaves slightly tinged with brown, and inner leaves rich yellow. As the name signifies, it has a delicious rich flavor peculiarly its own, buttery and tender.

Sold in sealed packages only. Pkt., 10c; Oz., 20c; ¼ lb., 50c; Lb., \$1.50, Prepaid.

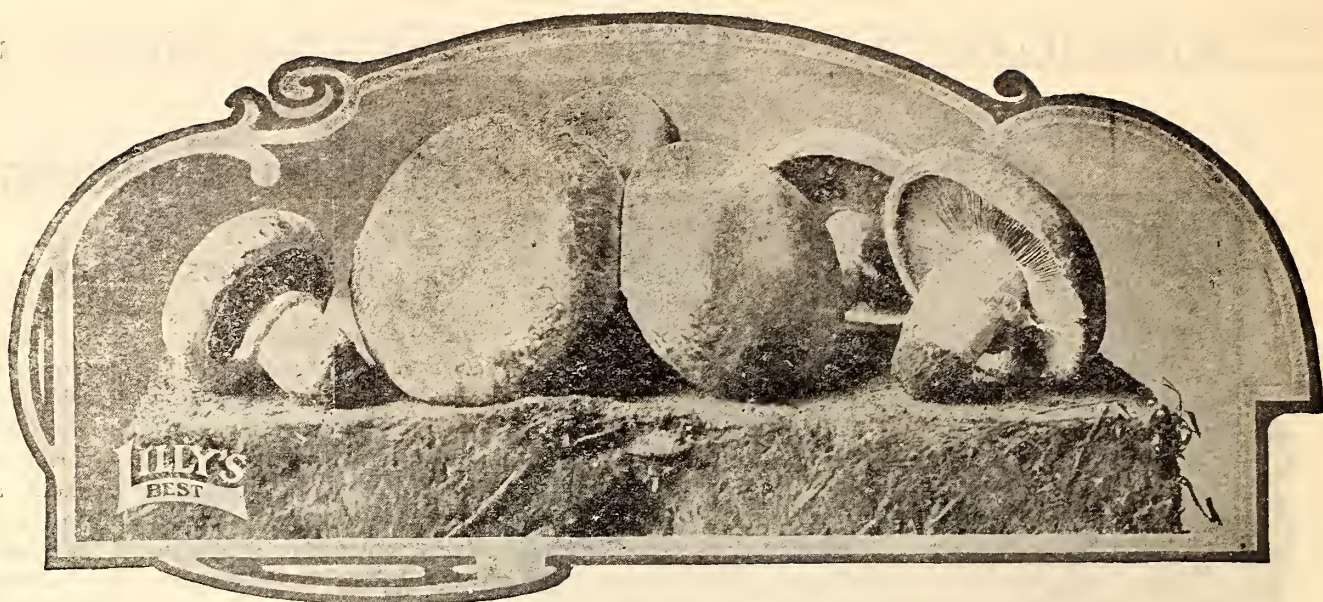


Nonpareil Hanson

LILLY'S SELECT STOCK

Is the finest improved strain of Hanson Lettuce. It is a sure header, never spotted, fresh, light green in color and of much finer texture than the ordinary strain of Hanson. Lilly's Nonpareil will prove most satisfactory for home use, as the outer leaves remain tender for a long time without a trace of bitterness. It can be used individually before or after the plant begins to head. Will stand longer than any other variety without going to seed. Do not class Lilly's Nonpareil with the ordinary Hanson Head Lettuce.

Lilly's Select Stock. Sold only in sealed packages. Pkt., 10c; Oz., 20c; ¼ lb., 50c; Lb., \$1.25, Post-paid.

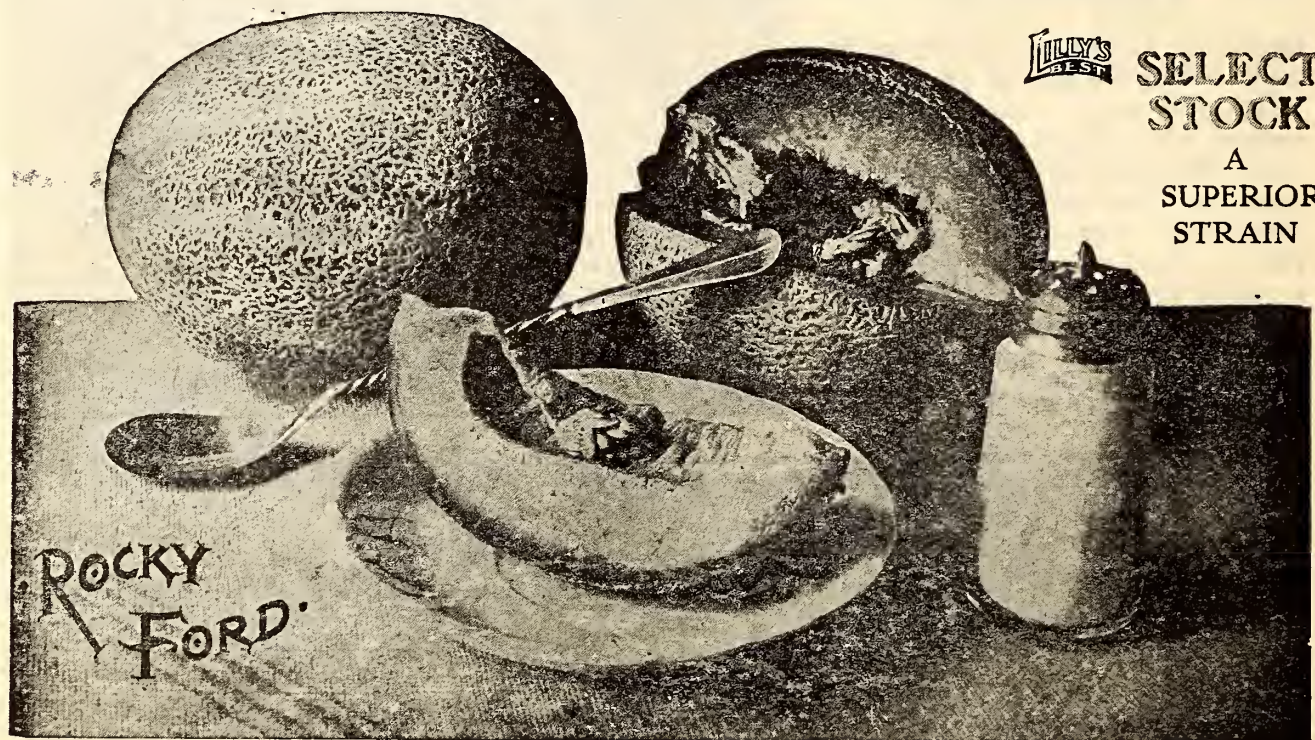


LILLY'S BEST ENGLISH MILLTRACK Mushroom Spawn

One of the most profitable crops that can be grown, and not nearly so difficult to grow as most persons imagine. Can be grown in any cellar or shed where the temperature can be kept between 50 and 70 degrees. There is always a market for it at high prices, as the supply never equals the demand.

We have only the English Milltrack spawn, as it is much the most satisfactory. Our Crop Book contains cultural directions. If you intend growing it on a large scale we would recommend one of the good books on the subject, listed else where in this catalog.

Price 20c per lb. If wanted by mail add 10c per lb. for postage.



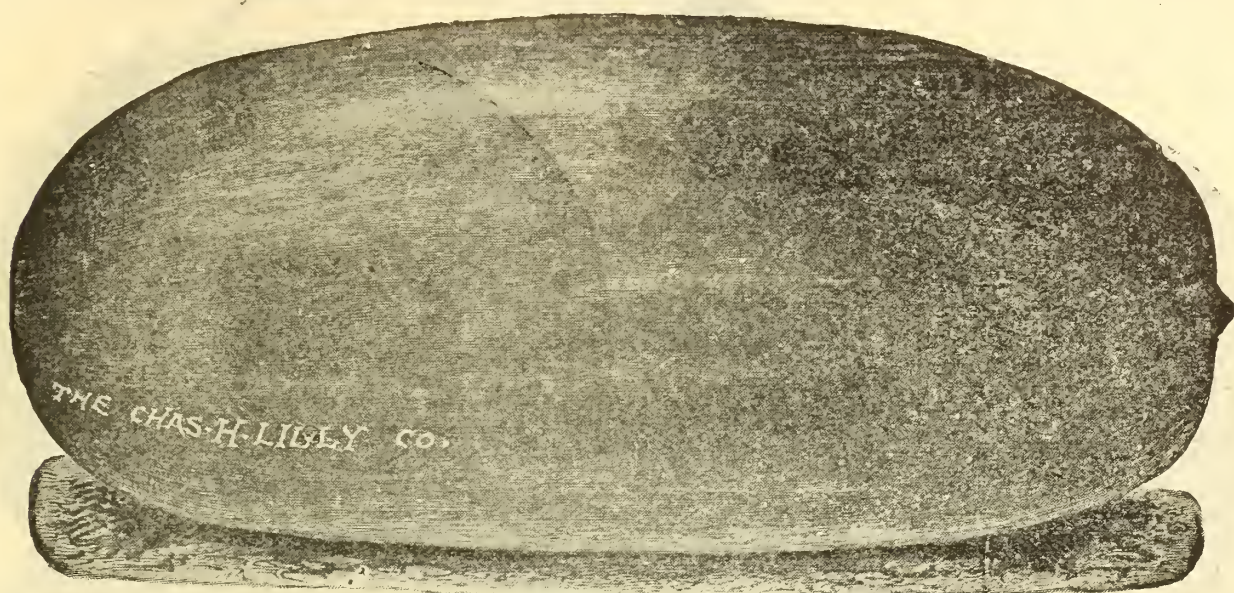
LILLY'S BEST ROCKY FORD MUSKMELON

Lilly's Seed is the famous Pollock strain, grown especially for us by one of the best growers at Rocky Ford, Colorado. In all the great city markets Rocky Ford Melons bring a fancy price, and while they are to be bought, no other melon can be sold, for it is the only variety endorsed by commission men and furnished by the associations. Medium in size, rich greenish gold skin, thickly netted, flesh very deep, ripening clear to the rind, and with an exceedingly small cavity.

By mail, postpaid, Oz., 10c; ¼ lb., 40c; Lb., \$1.25.

By express or freight, charges paid by you, Oz., 10c; ¼ lb., 40c; Lb., \$1.15; 10 lbs., \$10.00.

IF WANTED IN LARGER QUANTITIES ASK FOR SPECIAL PRICES.



Sweet-as-Honey Watermelon

The best and most delicious of all early Watermelons for the home garden. Especially adapted to the northwest. Medium in size, oblong in form, skin is a rich dark green, and flesh a bright scarlet clear to the rind, entirely free from stringiness. Seeds lie close to the rind, leaving a very large, solid core, lusciously sweet, crisp and melting. The rind is too thin to make it a good long distance shipper, but for home consumption, or near by markets, it is unequalled.

Sold in sealed packages only. Oz., 10c; ¼ lb., 35c; Lb., \$1.25, prepaid.

By express or freight, not prepaid, Oz., 10c; ¼ lb., 35c; Lb., \$1.15; 10 lbs., \$10.00.

KING AND QUEEN WATERMELON

The best variety for shipping. Fruit is a uniform medium size, round, smooth and of fine appearance. Is very early and yields prodigiously throughout the season. The flesh is a beautiful bright red, crisp and of delicate texture; granulated, cool and sparkling. It has very few seeds, the heart is solid, and the fine quality is sustained clear to the rind. Sold only in sealed packages.

Oz., 10c; ¼ lb., 35c; Lb., \$1.25, prepaid.

By express or freight, charges paid by you. Oz., 10c; ¼ lb., 35c; Lb., \$1.15; 10 lbs., \$10.00.

I cannot get as good seed here as I used to have from you. Please send me your seed catalogue, and oblige,

Yours truly, A. D. Judd.

Helix, Cal.



Our Crop Book gives cultural directions and instructions for fertilizing.

Our Spray Book tells how, when and what to spray.

If you are interested in Eees ask for our Eee Catalog.

If you are interested in Poultry ask for our Poultry Catalog.

OUR CROP BOOK GIVES INSTRUCTIONS FOR PLANTING AND FERTILIZING.

LILLY'S
BEST

LONGKEEPER

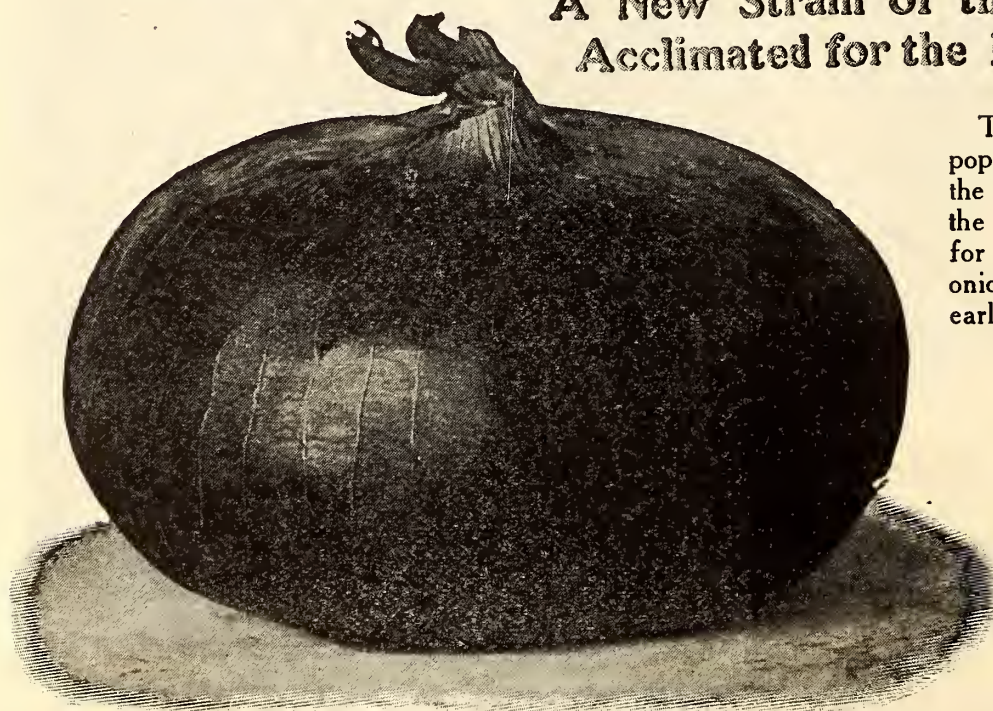
You can't afford to experiment with uncertain seed. Lilly's Long-Keeper is northern grown, thoroughly tested and proves all our claims to its being the best variety grown for shipping to distant markets. It is very firm and in flavor mild and sweet, uniform in size and ripens off all at the same time, and moreover produces a very heavy crop.

Pkt., 10c; oz., 20c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

LILLY'S
BEST

Western Wethersfield

A New Strain of the Wethersfield
Acclimated for the Pacific Coast



This variety is now as popular in the West as the Red Wethersfield is in the East, and no wonder, for it is a magnificent red onion, large and medium early. Its outer skin is red, the flesh a sparkling purplish white. You will find it an excellent shipper, a good keeper and admirable for boiling, and we strongly recommend it for those who want a large, red onion. It is hardy and a fine yielder.

Lilly's Select Stock, sold only in sealed packages.

Packet, 10c; 1 oz., 20c; ¼ lb., 75c; 1 lb., \$2.50, postpaid.

OUR SEED CLEANING MACHINERY IS THE BEST ON THE PACIFIC COAST.

LILLY'S PRIZETAKER ONION

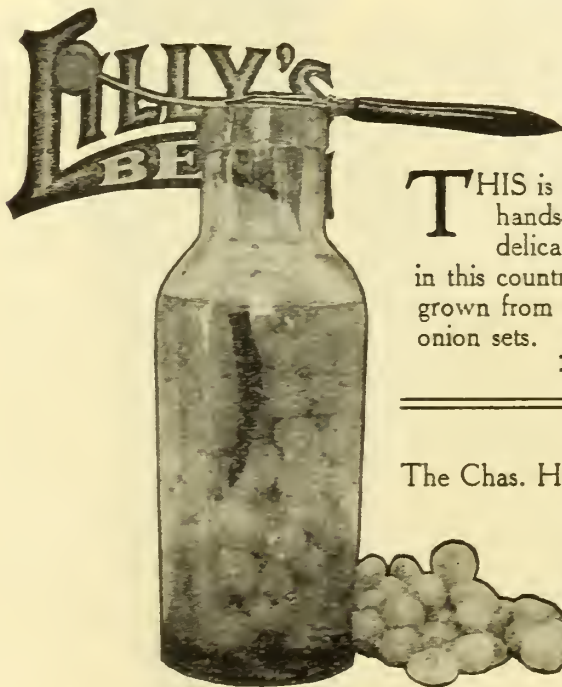
SELECT STOCK

THIS variety is now acknowledged to be one of the best American standard onions, but it must be the genuine Prizetaker.

Our seed is especially grown for us. It is genuine and produces bulbs enormous in size and prodigious in yield, in fact, larger than any other variety and not often excelled by the species produced in Spain. While not such a good keeper as Lilly's Long Keeper, yet it is a valuable sort for immediate and early fall use.

Sold only in sealed packages.

Pkt. 10c.; Oz. 20c.; 1-4 lb. 75c.; 1b. \$2.50
Prepaid



New White Queen

THIS is an extra early variety, very small, round (not necky), hard and handsome. The color is a beautiful waxy white, flavored mild and delicately fine. It is the variety used in all of the famous pickle factories in this country. It is also a favorite for the home garden, because bulbs grown from the seed will mature as early as those raised from ordinary onion sets. Sold only in sealed packages.

Pkt. 10c. Oz. 20c.; 1-4 lb. 75c.; 1b. \$2.50, Prepaid

Mitchell, Oregon, June 24th, 1909

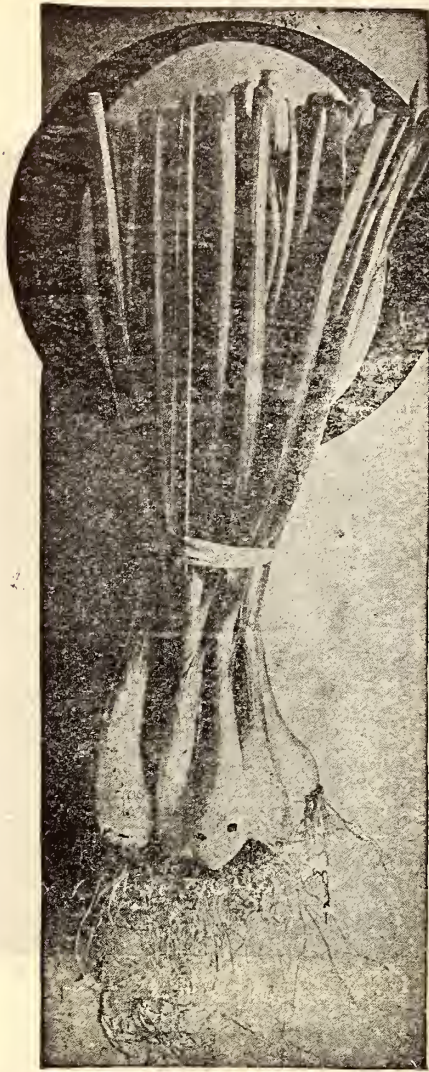
The Chas. H. Lilly Co., Seattle, Wash.

Dear Sirs:-

Please send me lowest price on the following:
6 bu. Danish Oats, (Enough for two acres) 10 lb.
Dwarf Essex Rape, (Enough for one acre) 50 lbs.
Sand Vetches (Enough for one acre, sowed with rye)
Please advise if I am correct about the amount to be sown per acre. You understand that I am sixty miles

from a railroad here, and a batch of bad seed puts me out to a greater extent than if I were nearer a railroad station, I never expect to get any bad seed from you, but you can easily understand that it goes with my business to get the very best. Must tell you of my success and prospects for this season. From \$6.00 invested in your seeds last spring I will market \$450.00 in cabbage, \$250.00 in onions, and \$100. in radishes, turnips beets, peas etc., \$800.00 in all. I did all this with winter irrigation, no water since April, no fertilizer, and 3500 feet above sea level. I shall take a small exhibit to the Marysville, Gillman Co. Fair. Everybody takes notice of my garden, and all ask where I got my seed. Please advise me prices, also if Lilly's Glory is not the best cabbage to take through the winter, Hoping for seeds as good as 1909 always I am Yours truly, Frank Christy

BY EXPRESS, CHARGES PAID BY YOU; DEDUCT 10c PER LB. FROM PREPAID PRICE

LILLY'S
BEST

ONION SETS

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 and the bulbs will ripen very much earlier than if grown from the seed. Should be planted during the winter or very early in spring. Will stand considerable freezing.

Price, before March 1, 15c per lb.; 2 lbs. 25c.

If wanted by mail, add 10c per lb. for postage.

After March 1st prices advance; write for prices.

If wanted in large quantities write for price.

LILLY'S
BEST PALO ALTO
PARSNIP

A HIGHLY IMPROVED TYPE

This is a particularly fine and improved strain, and is now an established favorite with all our customers. The flesh is white and of fine texture, free from stringiness, superior flavored and tender. It cooks up sweet and rich, making a delicious vegetable for winter use. The roots are smooth, heavy at shoulder, well rounded and tapering, as you can see by the accompanying cut, and may be termed half long. We have not yet met with anything that equals it, for it will stand longer without getting tough and woody than any other variety.

Sold only in sealed packages: Oz., 10c; ¼ lb., 20c; Lb., 60c, Prepaid.

The Chas. H. Lilly Co.,
Seattle, Wash.

Everett, Wash., June 5, 1909.

Gentlemen:

I want to say that we have used your seeds altogether this year, and that they have given excellent results. It seems as if every seed we put in the ground has grown and is doing fine.

Respectfully,

MRS. THOS. WILLIAMS.





LILLY'S
BEST

MT. RAINIER
PEAS

Wm. A. Lilly & Co., Seattle, Wash. - Sole Importers - 1910

THE GRANDEST PEA OF ALL

LILLY'S
BEST

MOUNT

RAINIER

PEA

Large Wrinkled Peas. Tender,
Succulent, Sweet. Second Early.

This grand variety, propagated in the state of Washington, is yearly increasing in popular favor. It is the result of years of careful selection, and because of its abundant production of immense pods of deliciously tender peas, is a most valuable variety for market gardeners. It is a rich dark green pea, the pods always filled with from six to ten true, large, succulent peas of the most delicious flavor. The vine is of vigorous, robust growth about four feet high, heavy-stemmed, with luxuriant foliage. We are proud of this pea, and because it is such a decided success we would like every grower of peas for the market to give Mt. Rainier a trial.

Sold only in sealed packages: Pkt., 10c; ½ Lb., 20c; Lb., 35c, Prepaid.

By express or freight, not prepaid: Pkt., 10c; ½ lb., 15c; Lb., 25c.

"The Mt. Rainier Peas are four inches high; they look very healthy. Also Lilly's Glory Cabbage seed came up fine and looks the healthiest I have seen in twenty years. I will write and let you know how they do in course of time."

MRS. JANE MORRIS, Raymond, Wash.

LILLY'S
BEST

Washington

Wonder

Pea

DWARF EARLY

An old-time favorite and a magnificent Pea, which grows about 16 inches high, requiring no support if sown in double rows. The vines yield a bumper crop of well-filled pods that reveal when opened an average of from 6 to 9 delicious tender peas of uniform size. Washington Wonder is sufficiently hardy to be sown in the fall on well drained soil, insuring marketable peas fully thirty days earlier than Spring sown crops. Edible peas 75 days from planting.

Sold only in sealed packages. Pkt., 10c; ½ lb., 20c; Lb., 35c, Prepaid.

Not prepaid, Pkt., 10c; ½ lb., 15c; Lb., 25c;

"I will send you some photos showing the garden raised from Lilly's Seeds without irrigation. We use no other when we can get Lilly's for we find them the best in the West, and if you don't believe it, try them. The neighbors say that they will have to find out Mr. Elsbree's secret in raising gardens. Why, it is all because we use LILLY'S Seeds, for they are good."

MRS. G. M. ELSBREE, Acme, Wash.

THOMAS LAXTON

EXTRA EARLY PEA

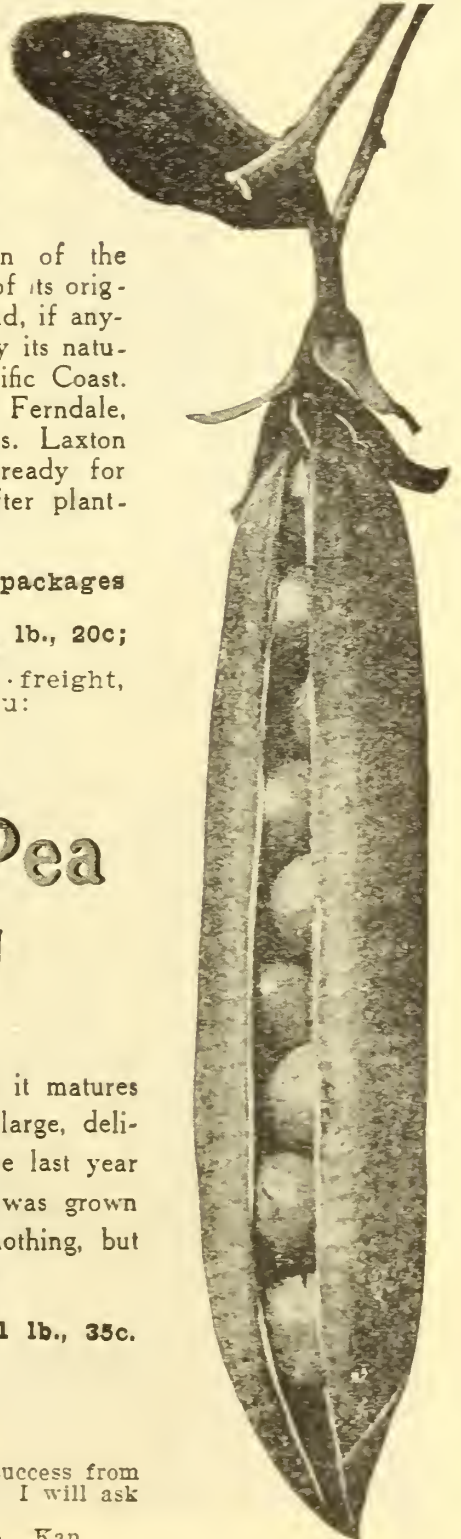


Once grown, always sown, is the verdict of everybody who has tried Thos. Laxton. The pods are large and handsome, filled with from six to eight true, large, wrinkled peas of the most delicious flavor; and, when one considers that peas of this most remarkable quality and size are in every way superior to the little round-seeded, hardy early "Extra" Earlies so commonly found, it is time that those who have not already done so should give Thos. Laxton a trial. Lilly's original stock came direct from England and during the time it has been grown in this section of the country has lost none of its original good qualities; and, if anything, has improved by its naturalization on the Pacific Coast. G. W. Herndon, of Ferndale, says: "I have Thos. Laxton Peas of your stock ready for the table 40 days after planting."

Sold in sealed packages only.

Pkt., 10c; $\frac{1}{2}$ lb., 20c;
1 lb., 35c. Prepaid.

By express or freight,
charges paid by you:
1 lb., 25c;



Select
Stock

GRADUS Pea

THE ORIGINAL STRAIN

Large, Early, Sweet, Tender.

A deservedly popular pea. Being hardy and of vigorous growth, it matures very 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, which we offer you here, was grown from seed imported from the originators in England and has lost nothing, but rather gained in quality by becoming acclimated on the Pacific Coast.

Sold only in sealed packages. Pkt., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 35c. Prepaid.

By express or freight, charges paid by you: 1 lb., 25c.

"I have used Lilly's Best Garden Seeds for two years and had good success from them. There are several of my neighbors want seed from you this year. I will ask you to send two or three of your catalogues and oblige."

A. C. OWES, Amy, Lane Co., Kan.

THE KING OF ALL RADISHES

LILLY'S
BEST

CRIMSON GIANT

Early, Large, Solid, Crisp.

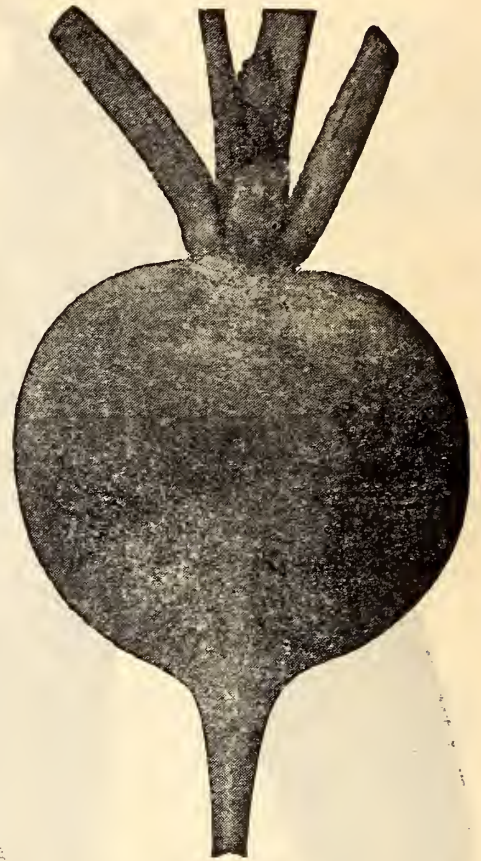
Crimson Giant is suitable for both forcing and early planting out of doors. It differs radically from all other varieties, for it will grow double the size of other round forcing kinds and still remain solid. The ordinary forcing radish after growing to two or three inches in circumference, becomes pithy; not so the Crimson Giant, which grows to 6 and 7 inches in circumference and still remains solid, crisp and juicy and free from all signs of pithiness.

Sold only in sealed packages. Oz., 10c; $\frac{1}{4}$ lb., 30c; Lb., \$1.00, Prepaid.

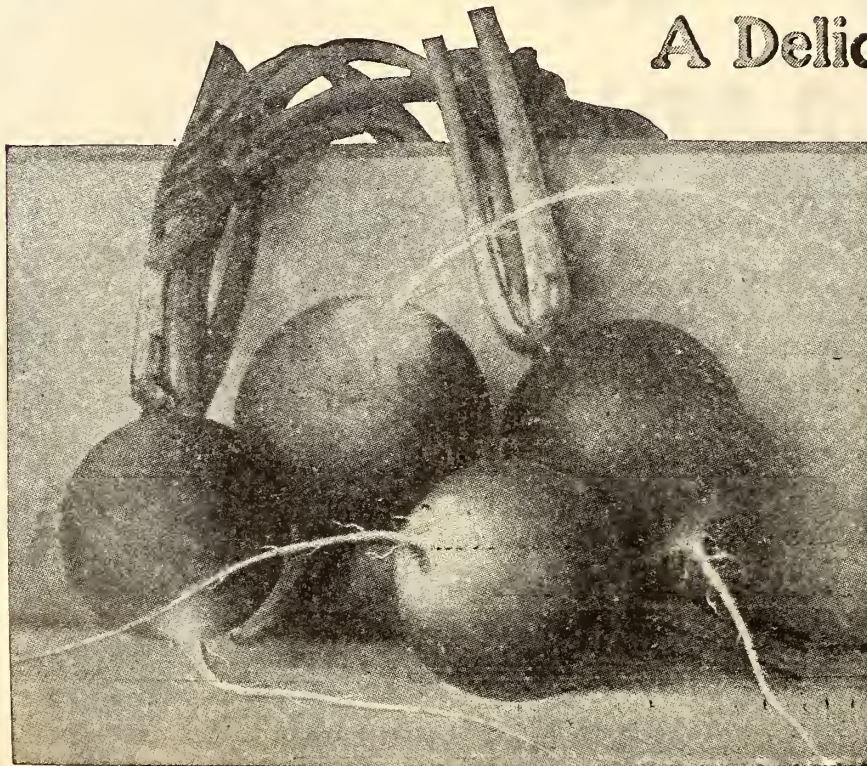
"Would you kindly forward me by mail a copy of your seed catalogue for the current year, as I am desirous of securing some of your goods. For the past two or three years I have been securing seeds and plants from Eastern houses.

"I have an idea that the local products will prove more successful."
MELBE M. WASHBURN, Southeast Seattle.

"I have used Lilly's Best Seeds six seasons, and have never been disappointed. They all grow and come true to name. A little later on I will order my peas, beans, potatoes and some other things. This order is for hot bed work."
M. A. CARTY, Lynden, Wash.

LILLY'S
BEST

Earliest of All

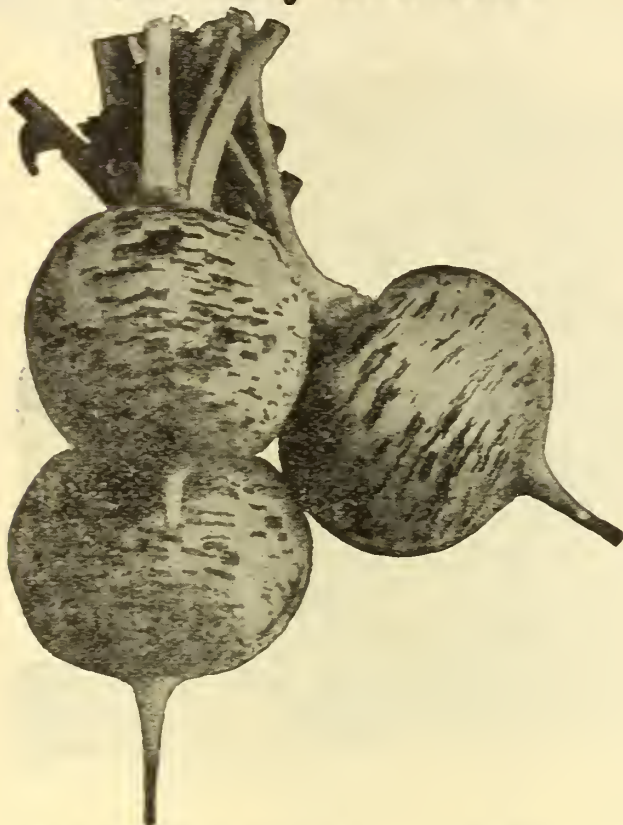
A Delicious Breakfast
Radish

A very early, small, round, bright red Radish, with white tip. Mild in flavor, white flesh, small tip and 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 for use in 18 to 20 days after sowing.

Sold only in sealed packages. Oz., 10c; $\frac{1}{4}$ lb., 30c; Lb., 85c, Prepaid.

LILLY'S NEW TRIUMPH RADISH

A Novelty with Merit



This radish is decidedly unique in color, which is entirely different from anything heretofore grown, and makes it an ornament on the table. It is stripped horizontally with bright scarlet on a background of pure white.

It is very early, maturing in about twenty days from time of planting. The form is globular, tops short, the flesh very crisp, solid and mild flavor.

It should be in every private garden, and market gardeners will find ready sale for it on the account of its superior quality as well as its distinctive appearance.

Sold only in sealed packages.

Oz. 10c.; 1-4 lb. 30c.; lb. \$1.00, prepaid.

LILLY'S White Icicle

The Best Long White Radish

This new pure white radish is very desirable either for forcing under glass or for garden culture, as it is of a very rapid growth. The flavor is exceptionally good, and its brittle, delicately tapering root is well suggested by its name. We do not hesitate to pronounce it the finest white radish ever introduced, not excepting even the famous White Vienna or Lady Finger.

Our seed is especially selected, and is sold only in sealed packages.

Oz. 10c.; 1-4 lb. 30c.; lb. 85c., prepaid.

"I wish to say that for the past three years (or since I have been in the Northwest) I have been planting your seeds, in part, and find them as good or even better than those sent out by Eastern firms."

"My favorite Radish is the White Icicle, which I find to give perfect satisfaction both early and late, and it is the finest table radish I can grow."

Mrs. Mattie Halstone,

Harrison, Idaho





DELICATA SQUASH

FOR EITHER SUMMER or WINTER USE

Delicata is the earliest of any vine Squash, being ready for use but a few days later than the summer varieties, and is supplanting those varieties, as it is far superior in quality, being as dry, sweet and deliciously flavored as any winter squash. Although not large, it is very solid and heavy, and bears remarkably. Seed cavity is small, flesh very fine grained, color orange splashed with dark green. Properly stored it will keep as well as any winter squash, and is unquestionably the best for either summer or winter use.

Sold only in sealed packages.

Oz., 10c; $\frac{1}{4}$ lb., 30c; Lb., \$1.00, postpaid.



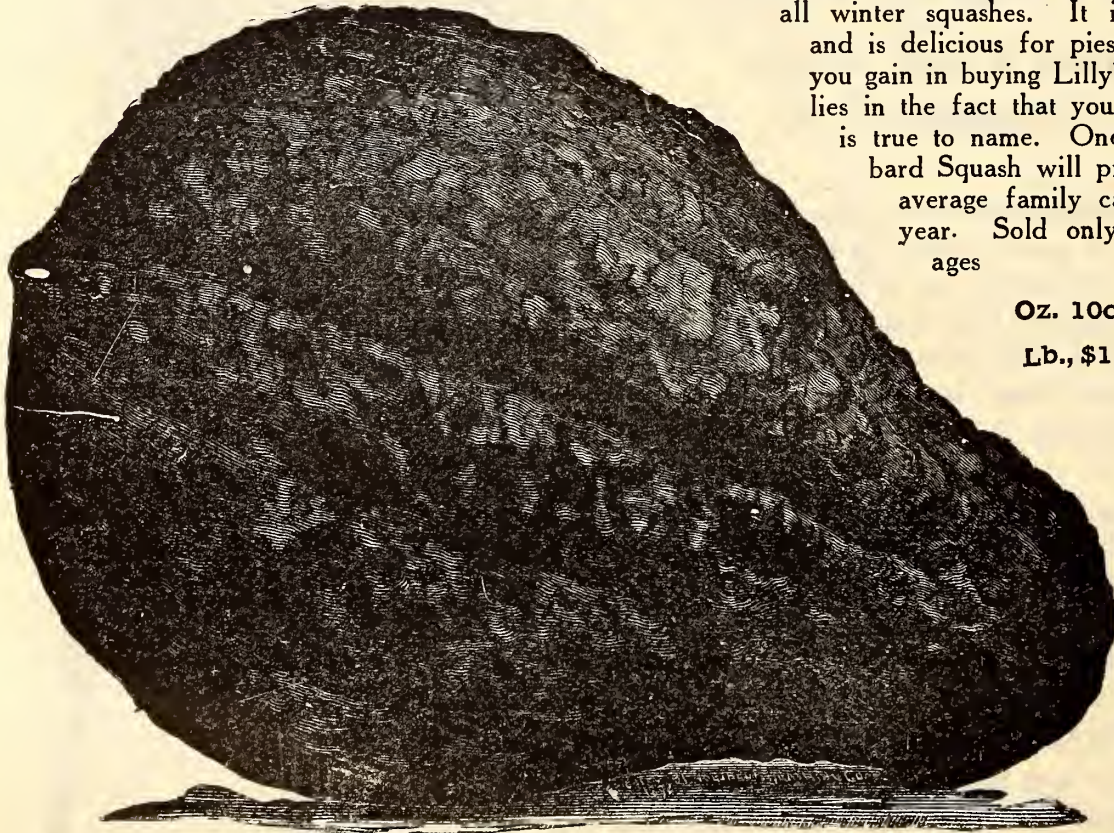
Superior
Strain

HUBBARD SQUASH

This is the same old favorite that has been with us so long and is of course the king of all winter squashes. It is the best baker and is delicious for pies. The advantage you gain in buying Lilly's Select Hubbard lies in the fact that you receive seed that is true to name. One packet of Hubbard Squash will produce all that an average family can use during the year. Sold only in sealed packages

Oz. 10c., $\frac{1}{4}$ Lbl, 30c.

Lb., \$1.00 Prepaid.



We publish a
SPRAY BOOK

which gives much valuable information in regard to spraying. If you are interested ask for it.

IT IS FREE

IF SEEDS ARE WANTED IN LARGER QUANTITIES THAN QUOTED IN THIS CATALOG, ASK FOR PRICES.

LILLY'S
BEST

Swiss Chard

THIS type of beet is grown for its large, succulent, tender leaves and stems. The thick, fleshy leaf stalks are cooked and served like asparagus, and are most delicious; or the leaves are boiled like spinach, making delicious greens.

As new tender shoots spring up quickly after the tops have been cut off, it is not necessary to plant for succession, and a few short rows in the garden will supply all that a family can use. It is ready for use early in summer, continues until killed by freezing weather, and comes up again very early the next spring. A new crop should be planted each spring, for that planted the previous year is liable to go to seed during the summer.

By mail, postpaid, Pkt., 5c; oz., 10c;
¼ lb., 20c; 1b., 60c.

By express, not prepaid, 60c per lb.

Prince Borghese Tomato

A NOVELTY

Not Only Unique

But Claimed To Be

Of Great Value

THIS is a new and distinctly peculiar variety of tomato recently produced by the great Italian horticulturist, M. Herb, from whom we have procured a small quantity of the seed. We have planted some of the seed in our trial gardens, but the fruit has not yet ripened, and we are unable to say positively, before going to press, whether they will mature on the Pacific Coast, although the plants are loaded with green fruit, and



give every promise of producing a splendid crop. The plants are wonderfully productive, producing fruit in great clusters. The accompanying cut is in no way exaggerated, and judging by our own plants, the photograph is not of an exceptional cluster. The tomatoes are large; color scarlet, and the shape is peculiar, different from any other tomato. It is claimed that they are very firm and pulpy, and are excellent for salads, sauces and preserves; also that they are splendid long distance shippers.

Packet, 10c, postpaid.

We make a specialty of fancy pot-grown tomato plants, which, although a little more expensive than ordinary plants, are worth much more than the difference in price. See Plants Section.

LILLY'S

PUGET SOUND SPECIAL Tomato

LILLY'S
BEST

PUGET SOUND SPECIAL

A
Tomato
that will
Mature
on the
Pacific
Coast.

PUGET SOUND SPECIAL is not only very early, but is also positively the best tomato that will mature west of the Cascades. It is equalled in earliness only by Earliana, producing ripe fruit by July 4th, and is of particularly fine quality, which is very rare in an early tomato. The flesh is solid, meaty and of delicious flavor, with few seeds and no hard core or watery, pulpy cavities. It is a heavy yielder of splendid, firm fruits, which, although not perfectly round, are of good shape and rich red color. It is the best early tomato for any locality, and if you are located in

Western Washington or Western Oregon we would advise you to plant Puget Sound Special exclusively, for both early and late fruit.

Sold only in sealed packages. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00. Postpaid.

We can furnish Fancy Pot-grown Plants of this variety, also good plants grown in the ordinary manner, after May 1st, as described in Plants Section.

The Crop Book contains some good articles on Tomato Culture. It will be furnished free with any order, regardless of amount, if asked for. If requested, we will furnish Littooy's "Early Tomato Culture" free with an order for one-half pound or more of tomato seed. Price is 25c.



SPARK'S Earliana TOMATO

The Earliest Variety Grown

ALTHOUGH the very earliest variety of tomato, it produces large clusters of medium size, deep red fruit, uniform size and of good shape; very solid and of fine flavor. It is the standard variety for greenhouse forcing, and is only excelled by Puget Sound Special for outdoor culture on the Pacific Coast.

Lilly's Select Stock. Sold only in sealed packages. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00. Postpaid.

I have used your seed for the past three years, and have always found them excellent. The Puget Sound Specials came up fine.

W. S. TIPTON,
Bremerton, Wash.

Last year I raised just lots of tomatoes from your Earliana seed. I always have good luck with all the seeds we get from you.

MRS. T. T. FITZGERALD,
Dyer, Wash.

THE SPRAY BOOK

WE PUBLISH A SPRAY BOOK which, besides containing descriptions of the complete line of Spray Machinery and Spray Materials handled and manufactured by us, also contains a Spray Calendar and much useful information in regard to spraying. If you are growing fruit, vegetables, grain, lawn, roses, flowers, or anything which is subject to insect or fungus pests, you should have it. We will be glad to mail it to you.

LILLY'S
BEST

PONDEROSA SELECT STOCK

A SPLENDID VARIETY of magnificent size, often attaining a circumference of eighteen inches and weighing from two to four pounds. It is perfect in form, free from wrinkles, does not crack, smooth as glass and as solid and meaty as beefsteak. Ponderosa is of delicious flavor, rich when sliced, and splendid for canning. The plant is luxuriant, healthy, independent of drought, free from blight and a continuous and prolific bearer. As it is not early, and cannot be depended upon to mature west of the Cascades, we do not recommend it for Western Washington or Western Oregon.

Sold only in sealed packages. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50. Postpaid.

LIVINGSTON'S CORELESS A Splendid New Variety

A NEW and very superior variety, distinct from all others, and excelling in many important points. It is the most perfect shaped canning tomato ever produced, large size, almost perfectly round, full at the stem end, bright red color, a strong grower and big cropper. Always free from hard, green core. A good slicing variety, the seed cells being surrounded by bright red, heavy, meaty and delicious flesh, which is slightly acid. The bright, rich red color is important to packers. It ripens all over and through and right up under the stem, all at the same time. It is one of the best long distance shippers.

Sold only in sealed packages. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50. Postpaid.

IF YOU HAVE NO HOT-BED, IT IS BETTER TO BUY TOMATO PLANTS.

LILLY'S
BEST

SNOWBALL

A Very Fine Table Turnip
Early, Tender, White Fleshed

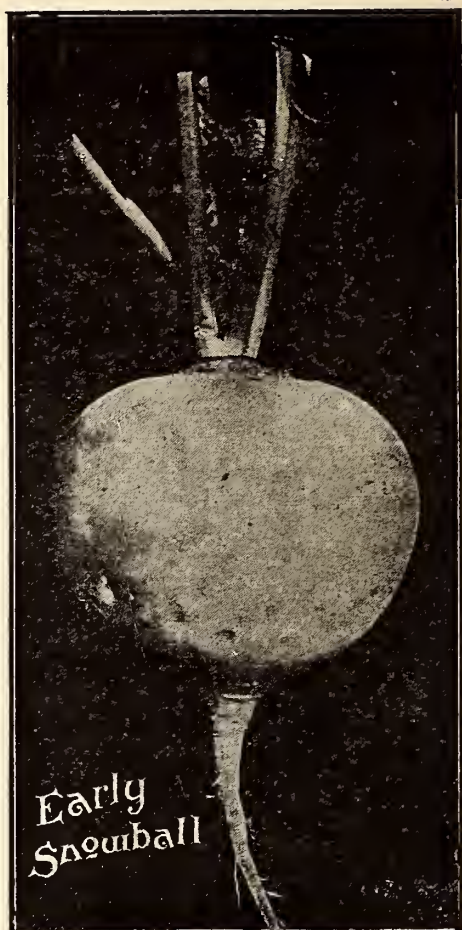
This delicious Turnip is one of the best varieties ever offered and is in every way superior to Milan, the old-time favorite. Snowball matures six weeks after sowing, the bulb being small, smooth and perfectly globular. The flesh sparkling white, fine grained, sweet and tender, with smooth, white delicate thin skin. We strongly recommend Lilly's Snowball to all who want the best early table turnip. *Sold only in sealed packages.*

Oz., 10c; $\frac{1}{4}$ lb., 20c; Lb., 60c, Prepaid.

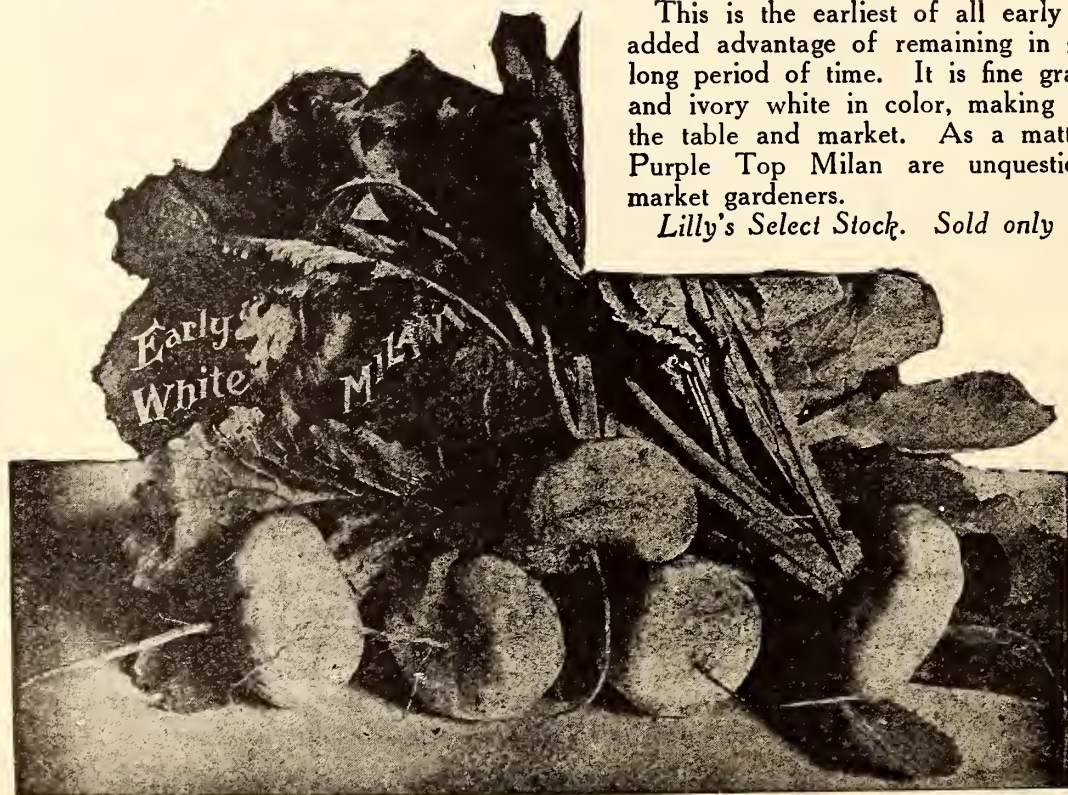
DO YOU REALIZE how much more beautiful your home may be made? A few vines, roses and herbaceous plants properly arranged will make a complete transformation in your surroundings.

No matter how unattractive your home is, it may be made beautiful, and with a very small expenditure of time and money. Even from a mercenary standpoint it will be a good investment. Do you know how difficult it is to be cranky among pleasant surroundings?

When things don't go right, when you feel grouchy, or are contemplating suicide, chuck your drudgery, and go work among your flowers. It is guaranteed to cure, unless you have reached the stage where you are past redemption.

LILLY'S
BESTEXTRA
EARLY

WHITE MILAN



This is the earliest of all early turnips and has the added advantage of remaining in good condition for a long period of time. It is fine grained, of good flavor and ivory white in color, making it very attractive for the table and market. As a matter of fact, this and Purple Top Milan are unquestionably the best for market gardeners.

Lilly's Select Stock. Sold only in sealed packages.

Oz., 10c;
 $\frac{1}{4}$ lb., 20c;
Lb., 60c,
Prepaid.

"I wish to thank you for the prompt, satisfactory and liberal manner in which my last order was treated. I have seldom received as satisfactory a shipment from any source."
CHAS. A. EMERY
Friday Harbor,
Wash.

IF SEEDS ARE WANTED BY EXPRESS OR FREIGHT, CHARGES PAID BY YOU,
DEDUCT 10c PER LB.

LILLY'S Vegetable Seeds

COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

ARTICHOKE.						
LARGE FRENCH GREEN GLOBE. The flower heads are cooked like asparagus, are a great delicacy and should be more generally grown. See Specialties						
\$.05	\$.35	\$1.00	\$3.50	\$3.40	\$.....	\$.....
JERUSALEM. (Tubers). See page 85						
ASPARAGUS. (One ounce to 60 feet of drill.)						
COLUMBIA MAMMOTH WHITE. See Specialties.....						
.05	.10	.25	.85	.75	.....	.....
COLLOSSAL. A standard variety, productive and of fine quality						
.05	.10	.25	.85	.75	.....	.....
PALMETTO. Early, prolific and of uniformly large size..						
.05	.10	.25	.85	.75	.....	.....
ASPARAGUS ROOTS. See Plants Section.						
BEANS. Dwarf Wax-Podded or "Butter" Varieties.						
(1 lb. to 100 feet of drill. 50 lbs. per acre in drills.)						
GOLDEN JERSEY WAX. See Specialties.....						
.10	.....	.....	.30	.20	1.50	14.00
PROLIFIC BLACK GERMAN WAX. The earliest of the wax beans, with pods of medium length and generally curved. Of fine quality, stringless and tender						
.10	.....	.....	.30	.20	1.50	14.00
DAVIS WHITE KIDNEY WAX. An immensely productive bean. Good both green and as a dry bean.....						
.10	.....	.....	.30	.20	1.50	14.00
GOLDEN WAX. A standard wax variety, medium early. The pods are stringless, very tender and excellent. The beans are of medium size, purple and white marbled, and of the best quality						
.10	.....	.....	.25	.15	1.35	12.50
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	.....	.....	.25	.15	1.35	12.75
FLAGEOLET WAX. Valuable for either home use or market; very early and unusually free from rust; exceedingly productive; pods flat, often twelve inches long, succulent and tender						
.10	.....	.....	.35	.25	1.75	15.00
JONES' STRINGLESS WAX. See Specialties						
.10	.....	.....	.30	.20	1.75	16.00
BEANS. Dwarf or Bush Green Podded Varieties.						
(1 lb. to 100 feet of drill. 50 lbs. to acre in drills.)						
REFUGEE or 1000 to 1. A popular medium to late variety; very productive and extensively grown for pickling; handsome, tender pods.....						
.10	.....	.....	.25	.15	1.15	11.00
BURPEE'S STRINGLESS GREEN POD. The earliest and most hardy absolutely stringless bean. The pods are a rich green, very round and straight, five inches long..						
.10	.....	.....	.25	.15	1.25	12.00
HORTICULTURAL DWARF. A bush variety of the popular climbing Horticultural; a fine shell bean.....						
.10	.....	.....	.30	.20	1.50	14.00
IMPROVED RED VALENTINE. Very early, practically stringless, full, round meaty pods						
.10	.....	.....	.25	.15	1.25	11.50
LONGFELLOW. See Specialties						
.10	.....	.....	.30	.20	1.50	14.00
LONG YELLOW SIX WEEKS. Early, productive, and of excellent quality; pods often eight inches long; popular variety						
.10	.....	.....	.25	.15	1.25	11.00

IF SEEDS ARE WANTED IN LARGER QUANTITIES, ASK FOR PRICES.

COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

BEANS. Climbing or Pole Varieties.

(1 lb. to 150 hills. 25 lbs. per acre.)

INDIAN CHIEF OR TALL BLACK WAX. An old favorite, producing tender, succulent pods in great abundance

.1025 .15 1.25 11.00

WHITE CREASEBACK. One of the finest early pole beans, bearing in profusion clusters of fleshy green pods 5 to 6 inches long, deeply creased, perfectly stringless, tender and of superior quality; used as a snap bean. The mature beans are pure white and excellent shelled

.1025 .15 1.35 12.00

KENTUCKY WONDER OR OLD HOMESTEAD. An old time and grand favorite, second only to Lazy Wife as a pole bean for the home garden

.1025 .15 1.35 12.00

WHITE DUTCH CASE-KNIFE. A good bean, but not a very vigorous grower

.1025 .15 1.35 12.00

TALL HORTICULTURAL OR SPECKLED CRANBERRY. An old and popular variety, useful either as a green podded snap bean or when shelled in the dry state

.1025 .15 1.35 12.00

CARMINE POLE. See Specialties

.1030 .20 1.80 17.00

LAZY WIFE. The most popular pole bean grown. Pods are wonderfully broad, thick, and entirely stringless

.1030 .20 1.50 14.00

SCARLET RUNNER. Popular both for ornamental and culinary purposes. It grows about ten feet high, has large scarlet flowers, followed by large green-podded beans; used either as a snap or shelled bean

.1035 .25 2.25 20.00

BEANS. 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 the bush varieties

.1030 .20 1.60 15.00

BURPEE'S BUSH LIMA. The bush grows 18 to 24 inches high, branching freely, bearing from 50 to 200 large pods, well filled with delicious buttery beans nearly as large as the old style lima

.1030 .20 1.60 15.00

DREER'S BUSH LIMA. A bush variety of the Dreer Lima. Beans are thick, sweet and succulent, growing close together in the pod, making a vigorous growth about 18 inches high with abundant foliage

.1030 .20 1.60 15.00

HENDERSON'S BUSH LIMA, or SMALL SEIVA. The earliest of all bush limas, and two weeks earlier than any of the climbing limas. It is small, but has a delicious flavor and is wonderfully productive

.1030 .20 1.60 15.00

BEETS. (1 oz. to 50 feet of drill. 5 lbs. per acre.)

CRIMSON GLOBE. See Specialties

.10 .10 .25 .80 .70 6.00

CROSBY'S EGYPTIAN. See Specialties

.05 .10 .20 .65 .55 4.50

EARLY EGYPTIAN. A standard extra early sort, being ten 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 .65 .55 5.00

EARLY BLOOD TURNIP. A standard variety, following Eclipse in earliness; quality excellent; color deep blood red; the tops make excellent greens

.05 .10 .20 .65 .55 4.50

ECLIPSE BLOOD TURNIP. Extremely early; of uniform globular form; glossy red flesh, fine grained and unusually tender and sweet

.05 .10 .20 .65 .55 4.50

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. A good winter keeper

.05 .10 .20 .65 .55 5.00

THE CROP BOOK CONTAINS CULTURAL DIRECTIONS AND INSTRUCTIONS FOR FERTILIZING.

COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

BEETS—Continued.

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 .50 4.50

DETROIT BLOOD TURNIP. A fine strain of turnip shaped beet, valuable for its remarkable uniformity and smoothness; size medium; flesh fine grained, tender and remaining so for a long time; admirable for either early or late

.05 .10 .20 .65 .55 5.00

SWISS CHARD. See Specialties

.10 .10 .20 .60 .50 4.00

SUGAR BEETS AND MANGEL WURZELS. See Farm Seeds section.

BROCCOLI.

LARGE WHITE FRENCH. Produces heads like cauliflower, to which it is inferior, but hardier

.05 .40 1.25 4.00 3.90

BRUSSELS SPROUTS.

DWARF IMPROVED. A dwarf compact-growing sort, producing "sprouts" of fine quality

.05 .15 .45 1.50 1.40

CABBAGE. Extra Early Varieties.

(1 oz. for 1500 plants.)

EARLY JERSEY WAKEFIELD. See Specialties.....

.10 .20 .75 2.50 2.40

EARLY WINNINGSTADT. A good cabbage, much the same shape as Wakefield, but not so early.....

.05 .20 .60 1.75 1.65

CHARLESTON WAKEFIELD. Large solid heads, a few days later than Early Jersey Wakefield; same shape..

.05 .20 .70 2.10 2.00

CABBAGE. Second Early or Summer Varieties.

EARLY SPRING. Earliest of the flat headed varieties. Only one week later than the extra early varieties, and has the advantage of solid round heads of good size.....

.05 .20 .70 2.10 2.00

EARLY ALL HEAD. A very early flat headed cabbage of good quality, size, and uniform shape

.05 .20 .70 2.10 2.00

HENDERSON'S EARLY SUMMER. A very popular midseason cabbage, about ten days later than Early Jersey Wakefield

.05 .20 .60 1.75 1.65

EARLY FLAT DUTCH. Popular wherever grown. A good second early cabbage of excellent quality.....

.05 .20 .70 2.10 2.00

ALL SEASONS. See Specialties.....

.10 .20 .60 2.00 1.90

CABBAGE. Winter Varieties.

LILLY'S GLORY. The very best. See Specialties.....

.10 .20 .75 2.50 2.40

DANISH BALLHEAD. See Specialties.....

.10 .20 .75 2.50 2.40

SUREHEAD. A compact, general crop cabbage, having medium to large thick heads and many outer leaves.....

.05 .20 .60 1.75 1.65

PREMIUM LATE FLAT DUTCH. One of the best and most popular varieties.....

.05 .20 .60 1.75 1.65

LARGE LATE DRUMHEAD. A splendid shipper; heads large, heavy and solid. Will allow close planting....

.05 .20 .60 1.75 1.65

RED DUTCH. Small, hard heads; for pickling.....

.05 .20 .60 2.00 1.90

FOTTLER'S BRUNSWICK. Heads large, flat and solid; a sure header, longstanding; short stem.....

.05 .20 .60 1.75 1.65

DRUMHEAD SAVOY. See Specialties.....

.10 .20 .60 2.00 1.90

AUTUMN KING. A fine winter variety of vigorous growth. Large, well-formed globular heads of bluish-green color

.05 .20 .60 2.00 1.90

CABBAGE PLANTS. See Plants Section.

CARROTS. (1 oz. for 125 feet of drill. 3 lbs. per acre.)

EARLY FRENCH FORCING. The earliest and largely grown for forcing; small, almost globular roots, orange-red in color

.05 .10 .30 1.00 .90 8.00

GOLDEN HALF LONG. See Specialties.....

.10 .10 .25 .90 .80 7.00

ORDER EARLY, BEFORE WE ARE SOLD OUT OF THE CHOICE VARIETIES.
SEE INDUCEMENTS ON PAGE 2.

COMPLETE LIST LILLY'S SEEDS VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

CARROTS—Continued.						
SHORT HORN OR EARLY SCARLET HORN. A very popular standard early variety .....	.05	.10	.25	.90	.80	7.00
CHANTENAY OR MODEL. One of the finest for table use .....	.05	.10	.25	.80	.70	6.00
OXHEART OR GUERANDE. A very distinct and desirable carrot, smooth and handsome, very thick and blunt rooted, about six inches long, a rapid grower and of fine quality; color orange-red .....	.05	.10	.25	.85	.75	6.50
DANVERS HALF LONG. A great favorite; rich dark orange .....	.05	.10	.25	.90	.80	7.00
IMPROVED LONG ORANGE. A very fine strain; good keeper .....	.05	.10	.25	.80	.70	6.00
IMPROVED SHORT WHITE. The best and most productive white carrot .....	.05	.10	.25	.75	.65	5.50
WHITE BELGIAN. Large white, very productive.....	.05	.10	.25	.75	.65	5.50
MASTADON. The best Stock Carrot. See Farm Seeds section .....	.10	.10	.20	.65	.55	5.00
CAULIFLOWER. (One ounce for 1000 plants)						
EARLY ALBA. See Specialties .....	.25	2.50	7.50			
SNOWBALL. A sure header and an excellent strain.....	.05	2.00	6.00			
EARLY DWARF ERFURT. Plants dwarf and compact; good sized heads.....	.05	2.50	7.50			
LARGE LATE ALGIERS. A strong variety for fall use, producing fine heads .....	.05	.75	2.50			
CELERY. (One ounce for 3000 plants. 1 lb. per acre)						
VILMORIN'S PARIS GOLDEN YELLOW. See Specialties .....	.10	.70	2.00	6.00	5.90	
SILVER PLUME. See Specialties .....	.10	.40	1.25	4.00	3.90	
WHITE PLUME. One of the best sorts for market gardeners .....	.05	.25	.75	2.50	2.40	
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	1.20	3.50	3.40	
GIANT PASCAL. This is one of the popular varieties for winter use. It is an easily blanching plant, and excepting the red celeries it is propably the best keeper when properly stored .....	.05	.15	.50	1.50	1.40	
GIANT WHITE SOLID. This is the very best of the large late sorts .....	.05	.20	.60	1.75	1.65	
BOSTON MARKET. Solid half round green stalks, blanching white, crisp and tender; dwarf and robust.....	.05	.20	.70	2.00	1.90	
CELERY PLANTS. See Plants Section.						
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	.20	.60	1.75	1.65	
CHERVIL.						
CURLED. Very finely curled, somewhat resembling parsley and used in the same manner .....	.05	.10	.30	1.00	.90	
CHICORY.						
LARGE ROOTED. The largest rooted and best variety. Used as a substitute for coffee .....	.05	.10	.25	.75	.65	
CHIVES, or SCHNITTLAUCH.						
A plant resembling a tuft of grass, but having a mild flavor of onions. The leaves are used in soups and salads.....	.10	.50				

THE CROP BOOK CONTAINS CULTURAL DIRECTIONS; FREE WITH ANY ORDER IF ASKED FOR.

COMPLETE LIST



VEGETABLE SEEDS

	By Mail PREPAID				Exp. or Frt. NOT Prepaid		
	Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
COLLARDS.							
TRUE GEORGIA. Used in the south as greens. Not adapted to the Northwest .....	.05	.15	.30	1.00	.90		
CORN SALAD.							
LARGE HEADED FETTICUS OR LAMBS 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	.25	.70	.60		
CORN, Sweet or Sugar. (1 lb. for 200 hills. 7 lbs. per acre in hills).							
First Early Varieties.							
JACK FROST. The very earliest. See Specialties.....	.15						
METROPOLITAN. See Specialties .....	.10			.25	.15	1.20	9.00
GOLDEN BANTAM. See Specialties .....	.10			.30	.20	1.50	14.00
PEEP O' DAY. Very early and prolific. The best early corn for market gardeners .....	.10			.25	.15	1.25	11.00
EARLY CORY, RED COB. One of the best extra early varieties; sweet and tender; plants stocky, usually bearing two ears to a stalk .....	.10			.25	.15	1.00	9.00
EARLY WHITE COB CORY. Early; usually fit to use within fifty to sixty days from time of planting; ears about six inches long, with milky white kernels; sweet, tender and delicious; plants dwarf, bearing two ears to a stalk .....	.10			.25	.15	1.00	9.00
EARLY MINNESOTA. A standard variety of dwarf growth, a little later than Cory; ears of fair size and good quality .....	.10			.25	.15	1.00	9.00
Medium Early Varieties.							
CROSBY'S EARLY. A second early popular variety; ears about seven inches long and of fine quality .....	.10			.25	.15	1.00	9.00
MAMMOTH WHITE CORY. Similar to Early White Cob Cory, and nearly as early; kernels somewhat broader and the ears are larger .....	.10			.25	.15	1.00	9.00
PERRY'S HYBRID. A popular second early, of stocky growth, four to five feet high, with usually two ears of good size set low on the stalk; ears well filled with large kernels, sweet and tender .....	.10			.25	.15	1.00	9.00
Late Varieties.							
COUNTRY GENTLEMAN. The finest of all corn for private use; ears eight to nine inches long; cob small and irregular crowded from end to end with white kernels of great depth; sweet and tender .....	.10			.25	.15	1.25	10.00
STOWELL'S EVERGREEN. The standard late variety for both home, market and canning. A strong grower, bearing two 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			.25	.15	1.00	9.00
BLACK MEXICAN. Ears about eight inches long, well filled with large kernels which, paradoxically, though black when ripe, are white when "green", and exceptionally sweet .....	.10			.25	.15	1.00	9.00
CORN, Pop.							
WHITE RICE. The best corn for popping and for the market; early; white, pointed kernels .....	.10			.20	.10	.80	7.00
CRESS.							
WATER CRESS. A delicious salad, also used as a garnish for meats. Must be grown in shallow water.....	.05	.35	1.00	3.50	3.40		
CURLED, or PEPPER GRASS. Used largely for salads; planted at frequent intervals it furnishes a succession for a long season .....	.05	.10	.20	.50	.40		

COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

CUCUMBER. (1 oz for 60 hills. 2 to 3 lbs. per acre)						
PRIDE OF THE PACIFIC. See Specialties.....	.10	.20	.65	2.00	1.90	.....
LILLY'S PICKLING. See Specialties .....	.10	.20	.60	1.75	1.65	.....
DAVIS PERFECT. See Specialties .....	.10	.20	.50	1.50	1.40	.....
COOL AND CRISP. Extra early, exceedingly prolific, and bears the whole season; fruits straight, long and tapering at both ends; color very dark green.....	.05	.15	.35	1.25	1.15	10.00
WHITE SPINE IMPROVED. A popular standard variety for either private use or marketing; vines vigorous and healthy, bearing early and abundantly, large, handsome, even-shaped fruits of a light green color; crisp and of fine flavor .....	.05	.15	.35	1.00	.90	8.00
EARLY CLUSTER. An early, prolific, prickly, short green variety .....	.05	.15	.35	1.00	.90	8.00
GREEN PROLIFIC. Short green, productive. ....	.05	.15	.35	1.25	1.15	10.00
LONG GREEN. Dark green fruits twelve to fourteen inches long; quality firm, crisp and excellent. Good for slicing and pickling .....	.05	.15	.35	1.10	1.00	9.00
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	.90	8.00
WEST INDIA GHERKIN. Resembles the Short Green. Used exclusively for pickling .....	.05	.20	.60	1.75	1.65	15.00
BOSTON PICKLING. An exceedingly popular variety with those who grow for canners .....	.05	.15	.35	1.20	1.15	10.00
CHICAGO PICKLING. Medium size, pointed both ends; color deep green; prolific bearer .....	.05	.15	.35	1.00	.90	8.00
EGG PLANT.						
NEW YORK IMPROVED. The standard market variety	.05	.30	1.00	3.50	3.40	.....
BLACK PEKIN. A strong growing variety; medium size; almost round, black fruits, and very solid.....	.05	.30	.80	3.00	2.90	.....
ENDIVE. (1 oz. for 100 feet of drill, or 2000 plants)						
GREEN CURLED. A popular sort with finely cut parsley-like leaves .....	.05	.15	.40	1.25	1.15	.....
WHITE CURLED .....	.05	.15	.35	1.00	.90	.....
BAVARIAN BROAD LEAVED .....	.05	.15	.40	1.20	1.10	.....
GOURDS.						
JAPANESE NEST EGG. Resembling an egg in shape and size. The vine is useful for covering porches, etc., being quite ornamental .....	.10	.....	.....	.....	.....	.....
HERB SEEDS.						
ANISE. Used for cordials, garnishing and flavoring.....	.05	.10	.....	.....	.....	.....
BALM. Leaves used for making pleasant beverages.....	.05	.25	.....	.....	.....	.....
BASIL, SWEET. The leaves are used for flavoring soups .....	.05	.15	.....	.....	.....	.....
CARAWAY. Grown for seeds; used for flavoring.....	.05	.10	.....	.....	.....	.....
CATNIP, or CATMINT Leaves used for seasoning.....	.05	.40	.....	.....	.....	.....
CORIANDER. Seeds used in the manufacture of liquors, confectionery and culinary preparations .....	.05	.15	.....	.....	.....	.....
DILL. Seeds have an aromatic odor and pungent taste.....	.05	.10	.....	.....	.....	.....
FENNEL, SWEET. Ornamental; used in fish sauce.....	.05	.10	.....	.....	.....	.....
HYSOP. Has medicinal qualities .....	.05	.15	.....	.....	.....	.....
LAVENDER. An aromatic and useful medical herb.....	.05	.15	.....	.....	.....	.....
SWEET MARJORAM. Leaves and shoots used for seasoning .....	.05	.15	.....	.....	.....	.....
ROSEMARY. The leaves of this plant are aromatic.....	.05	.35	.....	.....	.....	.....
RUE. Has medicinal qualities .....	.05	.15	.....	.....	.....	.....
SAGE. Used for seasoning .....	.05	.25	.....	.....	.....	.....
SORREL. Used in salads .....	.05	.15	.....	.....	.....	.....
SUMMER SAVORY. Used for flavoring soups.....	.05	.10	.....	.....	.....	.....
THYME. Leaves are used for seasoning, and as a remedy for headache .....	.05	.25	.....	.....	.....	.....

LILLY'S COMPLETE FERTILIZER WILL DOUBLE YOUR CROPS.

COMPLETE LIST VEGETABLE SEEDS

	By Mail PREPAID				Exp. or Frt. NOT Prepaid		
	Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
KALE, or Borecole. (1 oz. for 150 feet of drill)							
EMERALD ISLE. See Specialties .....	.10	.15	.30	1.00	.90	.....	.....
TALL SCOTCH. A very hardy variety, growing about thirty inches tall. Is very curly, and makes a beautiful plant .....	.05	.10	.25	.75	.65	.....	.....
SIBERIAN, or DWARF GERMAN. A plain-leaved variety, having very little curl to the large green leaves, although the edges are cut and curled slightly.....	.05	.10	.25	.75	.65	.....	.....
THOUSAND HEADED. See Farm Seeds Section.							
KOHL RABI.							
EARLY WHITE VIENNA. A bulbous formed vegetable; when cooked before fully grown is tender and excellent, combining the flavors of cabbage and turnip. This is the most desirable variety .....	.05	.20	.60	2.00	1.90	.....	.....
EARLY PURPLE VIENNA. An early variety with a bright purple bulb. The leaves and stems are green tinged with purple .....	.05	.20	.60	2.00	1.90	.....	.....
LEEK. (1 oz. will sow 100 feet of drill)							
LARGE AMERICAN FLAG. This very superior variety produces white, uniformly large stems of good flavor	.05	.15	.40	1.25	1.15	.....	.....
LETTUCE. (1 oz. for 3000 plants)							
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	.35	1.00	.90	.....	.....
LILLY'S FORCING. See Specialties .....	.10	.20	.50	1.25	1.15	.....	.....
BLACK SEEDED SIMPSON. Very large loose heads of curly yellow leaves, which are thin and tender. It stands summer heat splendidly and is valued for frame culture .....	.05	.15	.35	1.00	.90	.....	.....
GRAND RAPIDS. Beautifully crumpled and curled; tender and delicious; grows freely .....	.05	.15	.40	1.25	1.15	.....	.....
EARLY CURLED SILESIA. An early variety, popular for the home garden .....	.05	.15	.35	1.00	.90	.....	.....
Head Varieties.							
IMMENSITY. See Specialties .....	.05	.20	.50	1.50	1.40	.....	.....
NONPAREIL HANSON. See Specialties .....	.10	.20	.50	1.50	1.40	.....	.....
DELICIOUS. See Specialties .....	.10	.20	.50	1.50	1.40	.....	.....
BOSTON MARKET, or WHITE SEEDED TENNIS-BALL. A popular small compact variety for early outdoor culture and for forcing in hotbeds and greenhouses; can be planted closely .....	.05	.15	.40	1.25	1.15	.....	.....
HANSON HEAD. A handsome large-headed summer variety of fine quality .....	.05	.15	.40	1.25	1.15	.....	.....
DEACON. A large firm heading variety for late summer or early fall; light green outside; creamy yellow inside; of fine buttery quality .....	.05	.15	.35	1.10	1.00	.....	.....
BLACK SEEDED 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	1.30	1.25	.....	.....
PRIZEHEAD. One of the most popular and easily grown; leaves crumpled and tinged with red .....	.05	.15	.35	1.00	.90	.....	.....
PARIS WHITE COS. A popular old variety, growing to a large size, with long, conical, compact heads, blanching when tied .....	.05	.15	.35	1.10	1.00	.....	.....
MAY KING. A very early new variety, forming fine hard heads within a few weeks after planting. Medium size; light green; with buttery but crisp heads.....	.05	.15	.40	1.25	1.15	.....	.....

TO MAKE LETTUCE CRISP AND TENDER, GROW IT QUICK; USE NITRATE OF SODA.

COMPLETE LIST



VEGETABLE SEEDS

	By Mail PREPAID				Exp. or Frt. NOT Prepaid		
	Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
MELONS, MUSK. (1 oz. for 60 hills. 3 lbs. per acre)							
IMPROVED ROCKY FORD. See Specialties .....	.10	.10	.40	1.25	1.15	10.00	.....
CASABA. Large; green fleshed; a most satisfactory variety .....	.05	.15	.50	1.60	1.50	14.00	.....
OSAGE, or MILLER'S CREAM. The most popular melon in the Northwest for private gardens; yellow flesh; skin netted green .....	.05	.15	.40	1.25	1.15	10.00	.....
EARLY JENNY LIND. A small, very early sort; fine flavor .....	.05	.15	.40	1.25	1.15	10.00	.....
NUTMEG. Shaped like a nutmeg; green flesh; good for main crop .....	.05	.15	.40	1.25	1.15	10.00	.....
EXTRA EARLY HACKENSACK. An early variety, almost globular in form; heavily ribbed and heavily netted. Flesh thick and light green .....	.05	.15	.40	1.25	1.15	10.00	.....
LARGE HACKENSACK. An excellent green fleshed, main crop variety, with flattened ends, thick, irregular ribs, and coarse netting. Flavor sweet and delicious.....	.05	.15	.40	1.25	1.15	10.00	.....
ROCKY FORD, or NETTED GEM. The sweet and luscious green-fleshed melon that has become world-famous for its captivating flavor .....	.05	.10	.30	1.00	.90	7.50	.....
MELONS, WATER. (1 oz. for 30 hills. 4 lbs. per acre)							
SWEET AS HONEY. See Specialties .....	.10	.10	.35	1.25	1.15	10.00	.....
KING AND QUEEN. See Specialties .....	.10	.10	.35	1.25	1.15	10.00	.....
CUBAN QUEEN. Large oval melons, striped dark and light green; flesh red and of excellent quality. The best late sort .....	.05	.10	.30	.90	.80	7.00	.....
COLE'S EARLY. A most delicious and productive variety for the home garden, succeeding in northern states where other melons will not ripen. Flesh bright red and luscious, cool and sweet .....	.05	.10	.25	.75	.65	5.50	.....
DIXIE. A large oblong, dark striped melon.....	.05	.10	.25	.75	.65	5.50	.....
ICE CREAM, or PEERLESS. Medium sized, round melon; skin light green mottled .....	.05	.10	.25	.75	.65	5.50	.....
GYPSEY, or GEORGIA RATTLESNAKE. A strong grower and good bearer; above the average size; striped dark and light green; firm rind and excellent grained flesh; ships well .....	.05	.10	.25	.75	.65	5.50	.....
KLECKLEY SWEET, or MONTE CRISTO. A vigorous grower, and productive; medium size; fruit oval. A good variety for home use, and the most profitable commercial melon in the Northwest .....	.05	.10	.30	.85	.75	6.50	.....
SWEETHEART. A thick oval melon, light green, mottled; thin rind .....	.05	.10	.25	.75	.65	5.50	.....
CITRON. Small round fruits. For preserves only.....	.05	.10	.25	.75	.65	5.50	.....
FLORIDA FAVORITE. A very large oblong variety with dark green skin mottled with a deeper shade. Rind thin, flesh deep red and of fine quality. The flavor is excellent, and the melon is well suited for either table or market .....	.05	.10	.25	.75	.65	5.50	.....
LODI. A popular California variety. Fruit large and oblong; skin green and slightly mottled; rind thin but tough; flesh bright red and sweet; seeds white.....	.05	.10	.25	.75	.65	5.50	.....
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 for greens .....	.05	.10	.20	.40	.30		.....
MUSHROOM SPAWN.							
PURE CULTURE. See Specialties .....				.30	.20	1.80	16.00

THE CROP BOOK TELLS HOW MELONS CAN BE GROWN SUCCESSFULLY IN THE PUGET SOUND COUNTRY.

COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

OKRA, or Gumbo. (1 oz. for 100 hills)						
DWARF GREEN. The long tender pods are very delicious when sliced and cooked in soups						
	.05	.10	.25	.60	.50	.....
ONIONS. (1 oz. for 250 feet of drill. 5 lbs. per acre)						
LONGKEEPER. See Specialties						
	.10	.20	.75	2.50	2.40	.....
WESTERN WETHERSFIELD. See Specialties.....						
	.10	.20	.75	2.50	2.40	.....
PRIZETAKER. See Specialties						
	.10	.20	.60	2.00	1.90	.....
NEW WHITE QUEEN. See Specialties						
	.10	.20	.70	2.25	2.15	.....
EXTRA EARLY RED FLAT. Exceedingly early, of medium size and mild flavor; does well in cool soil where others fail						
	.05	.20	.60	2.00	1.90	.....
LARGE RED WETHERSFIELD. This is the standard red variety and a favorite 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	.20	.60	1.75	1.65	.....
AUSTRALIAN BROWN. Very early; medium size; wonderfully solid and most attractive for market; a good keeper						
	.05	.20	.50	1.35	1.25	.....
YELLOW GLOBE DANVERS. A solid, heavy, round variety; one of the best shippers; thin, brownish yellow skin; flesh fine grained, solid, white and mild.....						
	.05	.20	.50	1.50	1.40	.....
OREGON YELLOW DANVERS. Similar to the Yellow Globe Danvers, but half globe in shape; Oregon-grown seed						
	.05	.20	.60	1.75	1.65	.....
WHITE PORTUGAL, or SILVER KING. A favorite in the family garden; medium size and mild flavor. Used very generally by market gardeners to sow in the fall for bunching onions						
	.05	.30	.85	2.85	2.75	.....
SOUTHPORT RED GLOBE. Perfectly globe-shaped and very handsome in color; about three inches in diameter and very uniform						
	.05	.20	.60	2.25	2.15	.....
SOUTHPORT WHITE GLOBE. Handsome, large, globular form, and both skin and flesh pure white.....						
	.05	.35	.90	3.00	2.90	.....
SOUTHPORT YELLOW GLOBE. Similar to the Southport Red Globe except that it is a little earlier and smaller. The skin is a rich brownish yellow; the flesh white, crisp and fine grained						
	.05	.20	.60	2.00	1.90	.....
YELLOW FLAT DANVERS. Very productive; early; medium size; very reliable; small neck, thin, pale yellow skin. Flesh white, fine grained and mild.....						
	.05	.20	.50	1.35	1.25	.....
YELLOW DUTCH, or STRASBURG. A large, flat, yellow onion, somewhat different in color from other yellow kinds. A good keeper.						
	.05	.20	.60	2.25	2.15	.....
ONION SETS.						
See Specialties				Before March 1st		
PARSLEY. (1 oz. for 300 feet of drill)				.25	.15	1.25
CHAMPION MOSS CURLED. Compact plants of quick, robust growth; fine cut and beautifully crimped and curled						
	.05	.10	.20	.60	.50	.....
TRIPLE CURLED. A popular dwarf variety, finely curled						
	.05	.10	.20	.60	.50	.....
PARSNIPS. (1 oz. for 200 feet of drill. 6 lbs. per acre)						
PALO ALTO. See Specialties						
	.10	.10	.20	.60	.50	4.00
HOLLOW CROWN. A handsome, heavy cropping variety, half long, round, smooth, white; fine texture and flavor						
	.05	.10	.20	.50	.40	3.00
LONG WHITE DUTCH. More productive than Hollow Crown, but inferior in other respects						
	.05	.10	.20	.50	.40	3.00

GARDENING IS A PLEASURE IF YOU HAVE ONE OF OUR NEW, IMPROVED CULTIVATORS.

COMPLETE LIST VEGETABLE SEEDS

	By Mail PREPAID				Exp. or Frt. NOT Prepaid		
	Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
PEAS. (1 lb. for 50 feet of drill. 200 lbs. per acre)							
Dwarf Early Varieties.							
WASHINGTON WONDER. See Specialties .....	.10			.35	.25	2.00	
AMERICAN WONDER. Ten to twelve inches high; extra early; of dwarf, compact growth; wrinkled; of the finest quality .....	.10			.35	.25	2.00	
LITTLE GEM. Fifteen inches high. Three days later than American Wonder; very prolific; peas wrinkled and of sweet delicious flavor .....	.10			.30	.20	1.65	
NOTT'S EXCELSIOR. An early, productive pea of very delicate flavor; large, well filled pods.....	.10			.30	.20	1.75	
PREMIUM GEM. Similar to Little Gem .....	.10			.30	.20	1.65	
Extra Early, Medium Height.							
GRADUS, or PROSPERITY. See Specialties.....	.10			.35	.25	2.25	
THOMAS LAXTON. See Specialties .....	.10			.35	.25	2.25	
ALASKA. Two feet high; very early, round blue pods, three inches long, filled with small, smooth, blue-green peas. Can be planted in fall or early spring.....	.10			.30	.20	1.50	
FIRST AND BEST. Two and one-half feet high. Extra early. Peas small, round and smooth.....	.10			.30	.20	1.50	
Main Crop Varieties.							
MOUNT RAINIER. See Specialties .....	.10			.35	.25	2.00	
YORKSHIRE HERO. Height three feet. An excellent main crop pea, large, prolific, and well flavored. The pods are very broad, and the peas remain tender longer than any other .....	.10			.30	.20	1.60	
STRATAGEM. Height twenty inches. Vines strong and robust, requiring no support. Very prolific, bearing many large pods, well filled with dark green wrinkled peas of rich, sweet flavor .....	.10			.35	.25	2.00	
TELEPHONE. Height four and one-half feet. The most popular market gardeners' variety. Very productive. The immense pods are straight and of fine appearance, containing eight to twelve large wrinkled peas, closely packed, sweet, and of exquisite flavor .....	.10			.35	.25	2.00	
CHAMPION OF ENGLAND. Height five feet. An old favorite. Vines very vigorous, and produces an abundance of large pods well filled with light green, wrinkled peas of fine quality and delicious flavor.....	.10			.30	.20	1.75	
DWARF TELEPHONE. Height eighteen inches. Dwarf, stocky, healthy, vigorous and very productive.....	.10			.35	.25	2.00	
FIELD PEAS. See Farm Seeds Section.							
PEPPER. (1 oz. for about 1000 plants)							
LARGE BELL, or BULL NOSE. Large, early, very mild, large red fruit; popular for pickling.....	.05	.25	.75	2.25	2.15		
GOLDEN DAWN. Similar to the above, but golden in color .....	.05	.25	.75	2.25	2.15		
RUBY KING. The most popular sort grown. Pods are of immense size, thick flesh and delicious flavor.....	.05	.25	.75	2.25	2.15		
LONG RED CAYENNE. A late variety, three or four inches long, used largely for pickling when green.....	.05	.25	.75	2.25	2.15		
PUMPKINS. (1 oz. for 30 to 50 hills)							
SUGAR, or SWEET PIE. A very handsome and exceedingly productive pumpkin; small, of delicious flavor, an excellent keeper, and the best for culinary use.....	.05	.10	.25	.75	.65	5.00	
CONNECTICUT FIELD. A productive, large, orange-shaped field pumpkin, usually grown for stock feeding, but it also makes good pies .....	.05	.10	.20	.50	.40	3.50	
JUMBO, or KING OF MAMMOTH. The largest pumpkin grown. If given proper culture will develop single specimens weighing 200 to 250 pounds.....	.05	.10	.30	.90	.80	7.00	

THE CROP BOOK CONTAINS A GOOD ARTICLE ON THE VEGETABLE GARDEN;

COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

PUMPKINS, Continued.

MAMMOTH TOURS. An old favorite. Large size.... .05 .10 .30 .90 .80 7.00

CUSHAW. One of the standard varieties. It is almost white, has a curved neck, hard skin, and very solid flesh05 .10 .25 .70 .60 5.00

RHUBARB, or Pie Plant. (1 oz. for 600 plants)

MAMMOTH VICTORIA. The largest and finest cooking variety; has thick red stalks, is a compact and vigorous grower, immensely productive and very spicy..... .05 .15 .45 1.50 1.40

BURBANK'S CRIMSON WINTER. The best for forcing, and with proper culture will bear almost continuously during the entire year10 .65 2.00 6.50 6.40

RHUBARB PLANTS. See Plants Section

RUTABAGAS. See Field Seeds Section.

RADISH. (1 oz. for 100 feet of drill. 10 lbs. per acre)

Early Round, or Turnip Shaped Varieties.

CRIMSON GIANT. See Specialties10 .10 .30 1.00 .90

EARLIEST OF ALL. See Specialties10 .10 .30 .85 .75

TRIUMPH. See Specialties10 .10 .30 1.00 .90

EARLY SCARLET TURNIP. A popular variety; medium size; mild flavor; bright color and rapid grower. One of the best early varieties05 .10 .20 .60 .50

EARLY SCARLET TURNIP, WHITE TIP. Round; bright scarlet, with attractive white tip; matures in 25 days05 .10 .20 .60 .50

FRENCH BREAKFAST. A general favorite; oval shape; bright scarlet with white tip; fine for forcing, or in open ground05 .10 .20 .60 .50

EARLY WHITE BALL. Similar to Early Scarlet Turnip, except that it is pure white05 .10 .20 .60 .50

Early Long Varieties.

WHITE ICICLE. See Specialties10 .10 .30 .85 .75

WHITE VIENNA, or LADY FINGER. Pure white, long tapering shape, very attractive in appearance, sweet, mild and delicious. Matures in 25 days..... .05 .10 .20 .70 .60

LONG BRIGHT SCARLET. The standard early long variety. About six inches long; short top. Matures in 25 days05 .10 .20 .60 .50

LONG SCARLET, WHITE TIP. Similar to the Long Bright Scarlet, with the lower third of the root pure white05 .10 .25 .65 .55

Summer and Autumn Varieties.

CHARTIER. A large, handsome summer radish; top crimson, to white at tip05 .10 .20 .60 .50

WHITE STRASBURG. An early summer radish; four to five inches long; tapering; flesh and skin pure white; solid; fine quality; resists drought..... .05 .10 .25 .70 .60

SAKURAJIMA. A mammoth Japanese radish, sometimes growing 45 inches in circumference. Deliciously sweet and tender. Sow seed in August or September..... .10 .25 .75 2.50 2.40

Winter Varieties.

CHINA ROSE, WINTER. One of the best for winter use. Bright rose color; flesh firm; largest at the bottom, tapering abruptly to small top. 4 to 5 inches long, 2 inches in diameter05 .10 .25 .70 .60

ROUND BLACK SPANISH. Roots round or top shaped; skin black; flesh white; fine for winter use, as the roots keep a long time. Three to four inches in diameter05 .10 .25 .70 .60

LONG BLACK SPANISH. A black skinned winter radish; firm white flesh; one of the hardiest. Not as good flavor as either of the others05 .10 .25 .70 .60

COMPLETE LIST



VEGETABLE SEEDS

By Mail
PREPAID

Exp. or Frt.
NOT Prepaid

Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
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RADISH, Continued.

CALIFORNIA WHITE MAMMOTH. Pure white, about one foot long and two or three inches in diameter, tapering to tip. Flesh tender and crisp, keeping well through the winter

.05	.10	.25	.70	.60		
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SALSIFY, or Oyster Plant.

LONG WHITE FRENCH. An early variety, but not equal to others in size

.05	.20	.40	1.50	1.40		
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MAMMOTH SANDWICH ISLAND. Produces roots nearly double the size and weight of other varieties, and of superior quality and flavor.....

.05	.20	.50	1.75	1.65		
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SPINACH. (1 oz. for 100 feet of drill. 10 lbs. per acre)

THICK LEAVED IMPROVED. Produces large, thick, bright green crumpled or savoy leaves of excellent quality; very slow in running to seed. Can be sown in the fall for spring crop, and is the best variety for extra early.....

.05	.10	.20	.40	.30	2.50	
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PRICKLY WINTER. An exceedingly hardy variety; leaves long and pointed

.05	.10	.20	.40	.30	2.50	
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LONG STANDING. An excellent compact variety; thick, fleshy, dark green leaves; grows slowly, but remains a long time fit for use

.05	.10	.20	.40	.30	2.50	
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BLOOMSDALE SAVOY LEAVED. A very early variety, hardy and suitable for early spring use.....

.05	.10	.20	.40	.30	2.50	
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VICTORIA. An early, hardy, long-standing variety, with round, slightly savoyed leaves

.05	.10	.20	.40	.30	2.50	
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**SQUASH. (Bush 1 oz. for 50 hills. 6 lbs. per acre)
(Running 1 oz. for 20 hills. 4 lbs. per acre)
Summer Varieties.**

EARLY SUMMER CROOKNECK. A bush variety, early and prolific; surface deep yellow, densely warted; quality and flavor good

.05	.10	.30	.90	.80	7.00	
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MAMMOTH WHITE BUSH SCALLOP. An improved selection; large, about 9 inches in diameter and very deep, containing a great amount of flesh; ridges and scalloped edge very prominent; early and productive.....

.05	.10	.30	.90	.80	7.00	
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MAMMOTH YELLOW SUMMER CROOKNECK. Similar to Early Summer Crookneck, but larger and later

.05	.10	.30	.90	.80	7.00	
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VEGETABLE MARROW. A prolific English variety. Squashes are oblong, with dull, yellow skin, and the flesh is delicious

.10	.10	.30	1.00	.90		
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Fall or Winter Varieties.

DELICATA. See Specialties

.10	.10	.30	1.00	.90	7.50	
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HUBBARD. See Specialties

.10	.10	.30	1.00	.90	7.50	
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BOSTON MARROW. A very popular squash for fall use; skin thin and tender, of reddish brown color; flesh dry, fine grained and delicious

.05	.10	.25	.75	.65	5.50	
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FORDHOOK. A very desirable running variety for either summer or winter use. Oblong in form, eight to ten inches long; flesh thick, yellow, and of fine flavor.....

.05	.10	.30	.90	.80	6.50	
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SIBLEY, or PIKE'S PEAK. Shell smooth, thin and of pale green color

.05	.10	.30	1.00	.90	7.50	
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GOLDEN HUBBARD. Similar to the old favorite Hubbard, but skin is a rich golden-red, and highly attractive

.05	.10	.30	1.00	.90	7.50	
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MAMMOTH CHILI. The largest of all squashes, often weighing 200 lbs.; flesh rich and fine flavored.....

.05	.10	.30	1.00	.90	7.50	
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SUNFLOWER.

MAMMOTH RUSSIAN. Splendid food for poultry.....

.05		.10	.25	.15	1.25	
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SWISS CHARD. See Specialties

.05	.10	.20	.60	.50	3.50	
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COMPLETE LIST VEGETABLE SEEDS

By Mail PREPAID				Exp. or Frt. NOT Prepaid		
Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.

TOBACCO. (1 oz. for 10,000 plants)						
CONNECTICUT SEED LEAF. Hardy; adapted to this climate						
	.05	.20	.60	2.00	1.90	.....
HAVANA. Less hardy, but better flavor.....						
	.05	.35	1.00	3.50	3.40	.....
TOMATO. (1 oz. for 1500 plants, 1/4 lb. per acre)						
PUGET SOUND SPECIAL. See specialties.....						
	.10	.40	1.25	4.00	3.90	.....
SPARK'S EARLIANA. See Specialties.....						
	.10	.35	1.00	3.00	2.90	.....
PONDEROSA. See Specialties						
	.10	.35	1.00	3.50	3.40	.....
LIVINGSTON'S CORLESS. See Specialties.....						
	.10	.50	1.50	5.00	4.90	.....
PRINCE BORGHESE. See Specialties.....						
	.10	.....	.....	.....	.....	.....
EARLY MICHIGAN. An extremely smooth, solid, perfectly shaped tomato. Favorite early sort for market gardeners						
	.05	.20	.65	2.00	1.90	.....
BEAUTY. Prolific, medium size, smooth and dark purplish-red color; flesh superior quality.....						
	.05	.20	.65	2.00	1.90	.....
DWARF CHAMPION. Dwarf and compact habit, requires no stake, and can be planted close; fine cropper, round, smooth, and ripens with little sunshine.....						
	.05	.30	.85	2.50	2.40	.....
EARLY RUBY. One of the earliest; uniform in size and shape; solid and of fine quality; color rich red.....						
	.05	.30	.85	2.50	2.40	.....
FAVORITE. A large handsome, uniform shaped tomato; solid, smooth flesh; ripens evenly						
	.05	.20	.65	2.00	1.90	.....
NEW STONE. A large, handsome tomato of good quality and color; very solid, and a splendid shipper.....						
	.05	.25	.75	2.25	2.15	.....
ATLANTIC PRIZE. An extra early variety of good size and smooth surface; flesh fine						
	.05	.20	.60	2.00	1.90	.....
ACME. An old, well-known, early variety, medium size, smooth, solid and prolific. Color purplish pink.....						
	.05	.20	.60	1.85	1.75	.....
TROPHY. An old favorite, much esteemed for its productiveness and hardiness						
	.05	.20	.60	2.00	1.90	.....
PERFECTION. An old favorite, early, medium size, smooth and productive; good color and ripens evenly.....						
	.05	.20	.60	2.00	1.90	.....
TOMATO PLANTS. See Plants Section.						
TURNIP. (1 oz. for 150 feet of drill. 2 lbs. per acre)						
SNOWBALL. See Specialties						
	.10	.10	.25	.80	.70	6.00
EARLY WHITE MILAN. See Specialties						
	.10	.10	.25	.80	.70	6.00
COW HORN. A long, pure white variety, resembling a white carrot; flesh is tender and sweet; for fall or winter use						
	.05	.10	.25	.75	.65	5.00
EARLY WHITE FLAT DUTCH. A standard early variety; flesh white and mild						
	.05	.10	.20	.60	.50	4.00
EXTRA EARLY PURPLE TOP MILAN. Similar to, but not quite equal to White Milan.....						
	.05	.10	.25	.80	.70	6.00
PURPLE TOP STRAP LEAF. One of the best and most universally grown; flat; medium size; color purple above ground, white below; flesh white, fine grained and tender						
	.05	.10	.20	.60	.50	4.00
PURPLE TOP WHITE GLOBE. An early, large, globe-shaped variety; white flesh; a fine table turnip.....						
	.05	.10	.20	.60	.50	4.00
WHITE EGG. An oval or egg shaped variety, with smooth, thin, white skin and snowy white flesh						
	.05	.10	.25	.65	.55	4.50
Yellow Fleshed Varieties.						
GOLDEN BALL, or ORANGE JELLY. One of the most delicious and sweetest yellow fleshed turnips; not large, but firm, hard, and of excellent flavor; keeps well....						
	.05	.10	.20	.65	.55	4.50
YELLOW ABERDEEN. A fine, large, globe-shaped sort, with yellow flesh of fine quality; a good keeper; popular for table or stock						
	.05	.10	.20	.60	.50	4.00
RUTABAGAS, or SWEDISH TURNIPS. See Field Seeds Section .						

IF SEEDS ARE WANTED IN LARGE QUANTITIES, ASK FOR PRICES.



SOME of the annual flowering plants, which are easily grown from seed with a small amount of care and expense, are among the prettiest and most satisfactory of our garden flowers. Of course, trees, shrubs and perennial plants are indispensable in the garden, but the most pleasing effects may be had by combining with them artistically arranged beds and borders of simple flowering annuals.

Our list of flower seeds includes only the most desirable, and those which are adapted to the Pacific Coast; we have also taken great care to select only the very choicest varieties, as a long list of the various varieties and types only serves to confuse the amateur, and cause disappointment. With the exception of a very few varieties, such as sweet peas, our flower seeds are imported from the best growers in Germany and Holland.

Most of these plants are easily grown if properly planted and cared for, but as there is considerable diversity in the proper time of planting, position, soil required and uses for which they are best suited, cultural directions should be followed closely. The Crop Book contains cultural directions for all the more common plants, and will be furnished free with any order, regardless of amount, if asked for. Cultural directions are also contained in most of the packets.

The following lists are arranged to assist in selecting the varieties most suitable for various purposes.

Annual Plants for Beds or Tall Borders, growing one to two feet high.

Adonis, Ageratum (Tall), Amaranthus, Asters, Balsam, Calliopsis, Candytuft, Centaurea, Chrysanthemums, Clarkia, Dahlia (Annual), Dianthus, Eschscholtzia, Four O'Clock, Gaillardia, Godetia, Gypsophila, Larkspur (Dwarf), Linum, Lupins, Marigold, Mignonette, Nasturtiums (Dwarf), Nigella, Petunia, Poppy, Scabiosa (Dwarf), Schizanthus, Stocks, Zinnia.

Perennial Plants for Beds or Tall Borders, growing one to two feet high.

Antirrhinum, Aquilegia, Carnation, Cineraria, Columbine, Gypsophila Paniculata, Pentstemon, Pyrethrum Hybridum, Sweet William, Wallflower.

Annual, Tall Growing Plants for Grouping, growing two feet or more in height.

Amaranthus, Arctotis Grandis, Calliopsis, Cosmos, Helianthus, Hollyhock (Annual), Larkspur, Nicotiana, Ricinus, Salpiglossis, Scabiosa (Tall).

Perennial, Tall Growing Plants for Grouping, growing two feet or more in height.

Canna, Campanula, Chrysanthemum (Marguerite), Foxglove, Hollyhock, Lychnis, Salvia, Snap-

dragon, Wallflower.

Annual Edging Plants, six to twelve inches high.

Ageratum (Dwarf), Alyssum, Calendula, Candytuft, Centaurea, Cockscomb, Dianthus, Lobelia, Marigold, Mignonette, Nasturtium (Dwarf), Nemophila, Pansy.

Perennial Edging Plants, six to twelve inches high.

Daisy, Forget-me-not, Pansy, Iceland Poppy, Primula, Pyrethrum, Violet.

Plants for Rockeries, Hanging Baskets or Window Boxes.

Lobelia (Trailing), Mimulus, Portulaca, Thunbergia, Verbena.

Annual Climbing Vines, growing six feet or more in height.

Calampelis, Canary Bird Flower, Cobea Scandens, Echinocystis, Gourds, Japanese Hop, Mina Lobata, Moon Flower Vine, Morning Glory, Nasturtium (Tall), Sweet Peas.

Perennial Climbing Vines, growing six feet or more in height.

Adlumia Cirrhosa, Kudzu Vine, Smilax.

DON'T OVERLOOK THE PREMIUMS OFFERED ON PAGE 2;



ALYSSUM

(Sweet Alyssum)

THIS dainty little plant is unexcelled for borders, edgings, baskets, pots, rockeries, and for cutting. It is a hardy annual, growing about nine inches high, and bearing spikes of small white flowers in great profusion throughout the summer and autumn. **No. 2. Pkt., 5c; Oz., 20c.**

AMARANTHUS

STRONG growing and highly ornamental annuals, chiefly valuable for their highly colored foliage. Of rapid growth and easy culture.

No. 270. Amaranthus Caudatus (Love-lies-bleeding). Light yellowish-green foliage; long, drooping, flower spikes. Three to four feet high.

Pkt., 5c; Oz., 25c.

No. 102. Amaranthus Tricolor (Joseph's Coat). Plant about three feet high, with brilliant leaves in variegated red, yellow, green, etc.

Pkt., 5c; Oz., 25c.

AQUILEGIA

(Columbine)

ADELIGHTFUL hardy perennial, growing about two feet high, and splendid for permanent beds and borders. Thrives in partial shade and under the spray of a fountain, or other moist location. Bears exquisite blossoms of clear blue, white, rose, yellow, purple and striped.

No. 5. Mixed Colors. Pkt., 5c; Oz., 25c.

ARCTOTIS GRANDIS

(African Daisy)

AREMARKABLY handsome annual from Africa, easy to grow, and always in bloom in bright sunshine, closing in shadow; not injured by light frost. The large round buds appear close to the earth at first, but soon rise on stout stems, the drooping purple buds opening in shining white flowers with blue centers. The plants remind you of the Dusty Miller; grow easily and rapidly if given liberal treatment. About two and one-half feet in height, the same in breadth.

No. 601. Pkt., 10c; Oz., \$1.50.

ADLUMIA CIRRHOSA

(Mountain Fringe, or Allegheny Vine)

AGRACEFUL climbing biennial, growing to a height of about fifteen feet, and bearing the first season clusters of small rosy-lilac flowers. The foliage resembles Maidenhair Fern.

No. 219. Pkt., 10c; Oz., \$1.50.

ADONIS

(Flos Adonis, or Pheasant's Eye)

HARDY annuals, of easy culture, growing about one foot high. The leaves are fine-cut and feathery; flowers crimson. Seed should be sown in the fall. **No. 220. Pkt., 5c; Oz., 25c.**

AGERATUM

(Floss Flower)

NEAT, bushy, erect plants, bearing profusely throughout the seasons clusters of pretty brush-like flowers. Hardy annuals. Sow seed early in spring.

No. 439. Little Dorrit. A perfect mass of blue flowers. The plant is six inches high and a foot wide. **Pkt., 10c; Oz., \$1.00.**

No. 411. Imperial Dwarf. Grows about eight inches high; flowers blue. **Pkt., 5c; Oz., 30c.**

No. 101. Mixed. Mexicanum; all colors mixed. **Pkt., 5c; Oz., 15c.**



ANTIRRHINUM

(Snapdragon)

UNUSUALLY effective bedding displays are made with these unique, bright colored plants.

They are half-hardy perennials, but may be grown as annuals, blooming the first year from seed.

No. 921. Lilly's Giant Flowering Black Prince. The flowers of this splendid Snapdragon are very dark, black-red color, immense size and splendid texture and substance. They bloom profusely until very late. Two feet tall.

Pkt., 10c; Oz., \$1.00.

No. 4. Tall Mixed. All the best tall varieties, mixed. Two feet. **Pkt., 5c; Oz., 40c.**

No. 104. Dwarf Mixed. All the best dwarf varieties, mixed. Six inches. **Pkt., 5c; Oz., 75c.**

LILLY'S

Asters



LILLY'S ASTERS are noted for their beauty, size and wonderful productiveness. No garden should be without these splendid half-hardy annuals, as they are of easy culture, produce in profusion large symmetrical flowers, rivaling the chrysanthemum, and remain in bloom long after most other flowers are gone.

SEMPLÉ'S BRANCHING

The best late-flowering, branching aster. They begin blooming about the first of September, and continue until freezing weather. The flowers are large, four inches across, very double, of purest colors and borne on long stems. The plants are strong growers, growing about two feet high and nearly as broad. No. 940, White; No. 941, Pink; No. 942, Lavender; No. 939, all colors mixed.

Pkt., 10c; Oz., 70c.

QUEEN OF THE MARKET

The earliest first-class aster. Flowers are of good size, are borne on long stems and are good for cutting. Plant is about one foot high.

No. 944, White; No. 945, Pink; No. 946, Light Blue; No. 947, Lavender; No. 806, all colors mixed.

My mail, postpaid. Pkt., 10c; Oz., 60c.

IMPROVED VICTORIA

Magnificent flowers, massive and showy, with regular overlapping petals, double clear to the center. The flowers measure four to five inches across, and the colors include many extremely delicate and some gorgeous shades. The plants are about eighteen inches high, and bloom profusely. No. 109. All colors mixed.

Pkt., 10c; Oz., \$1.25.

LILLY'S MIXED ASTERS

A fine mixture of all of the good varieties and colors.

No. 900. Pkt., 5c; Oz., 25c.

GIANT COMET, or OSTRICH PLUME ASTERS

These truly grand asters win enthusiastic admiration from all who see them. The flowers are of immense size, often six inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half-globes, resembling some of the finer Japanese chrysanthemums. The plants, of luxuriant growth, attain a height of about eighteen inches, each plant bearing twenty to thirty of these magnificent flowers on long stems.

No. 935, White; No. 936, Rose; No. 937, Blue; No. 938, Lavender; No. 322, all colors mixed. By mail, postpaid. Pkt., 10c; Oz., \$1.25.

TRUFFAUT'S PEONY-FLOWERED PERFECTION

This variety has the most brilliant and showy assortment of colors. The flowers are of medium size, and almost globular, with incurved petals. The plant is about two feet high, and produces abundantly. No. 8. All colors mixed.

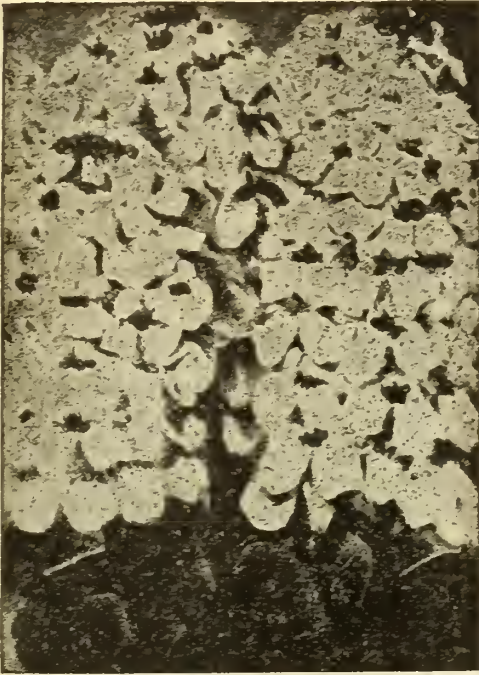
Pkt., 10c; Oz., \$1.50.

DWARF CHRYSANTHEMUM-FLOWERED

A dwarf plant, about nine inches high, bearing large, perfectly double flowers. No. 6. All colors mixed.

Pkt., 10c; Oz., \$1.50.

ASTER PLANTS ARE LISTED IN PLANTS SECTION.



CANDYTUFT.
(Iberis)

POPULAR dwarf annuals, flowering profusely throughout the whole season; great favorites for beds, edging, pots and borders. The plants are fairly covered with blossoms, and are of the easiest culture.

No. 922. Empress. A grand variety, producing enormous spikes of bloom, resembling a white hyacinth. The spikes often measure seven inches long by two and one-quarter inches in diameter. The plant in bloom is about twelve inches high.

Pkt., 10c; Oz., 60c.

No. 39. White Rocket. Long spikes and large flowers.

Pkt., 5c; Oz., 10c.

CANARY BIRD FLOWER.

APRETTY, rapid growing, annual climber, attaining a height of about fifteen feet, and bearing little canary-yellow flowers resembling a bird with its wings half expanded.

No. 148. Pkt., 5c; Oz., 25c.

CANNAS.

CANNAS are among the best plants for bedding or backgrounds; the attractive luxuriant foliage making them especially effective. They are tender perennials, but bloom freely the first year from seed. The seed should be sown in the hot-bed in February or March, and will produce flowering plants by July. Seed must be soaked in warm water twelve to twenty-four hours before planting. Much trouble may be avoided by purchasing the plants, which are listed elsewhere in this catalog.

No. 452. Crozy's Hybrids, Mixed Colors.

Crozy's Grand Cannas are famous for their luxuriant, dwarf growth and immense gladiolus-like flowers of most brilliant colors, and their profusion and continuity of bloom under all climates and conditions, rendering them the most useful, showy and popular garden plants grown. They grow about three feet high, and their broad leaves give them a tropical effect.

Pkt., 10c; Oz., 25c.

No. 118. Common Varieties, Mixed.

Pkt., 5c; Oz., 20c.

BALSAM.

(Lady's Slipper)

AMONG the finest of our tender annuals for either garden or pot culture. Requires plenty of warm sunshine, rich soil and water. Seed sown outdoors in May will soon produce handsome bushes about two feet tall, thickly massed with large rose-like flowers. **No. 141. Pkt., 10c; Oz., 25c.**

CALAMPELIS.

(Bugle Vine)

ABEAUTIFUL annual climber, highly ornamental throughout the summer; its orange-yellow tubular flowers contrasting effectively with the delicate green foliage. Grows ten feet high. **No. 181. Pkt., 10c; Oz., 75c.**

CALENDULA.

(Pot Marigold)

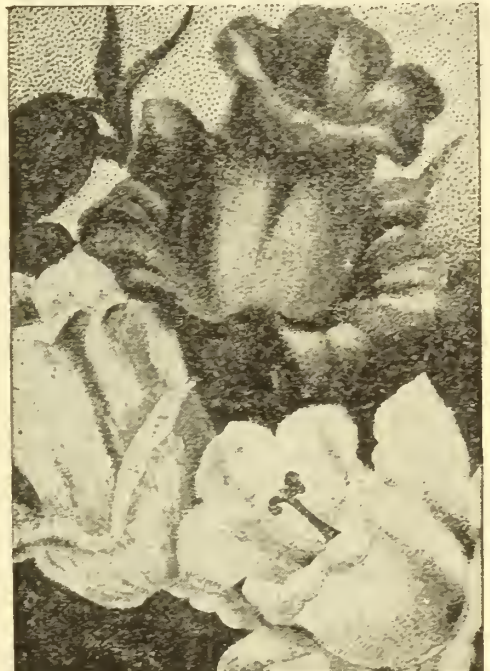
HARDY annuals of the easiest culture, and desirable for inferior soils, where less sturdy plants will not thrive. They grow about one foot high, and are literally covered with large, showy flowers, ranging in color through all shades of yellow from ivory to deep orange. Fine for massing or for borders.

No. 117. Pkt., 5c; Oz., 25c.

CALLIOPSIS.

ONE of the showiest and most easily grown of garden annuals. The plants form perfect little bushes about two feet high, and are literally massed with bloom from early summer until killed by frost. Splendid for strengthening the yellow, brown and maroon effects in the garden.

No. 116. Pkt., 5c; Oz., 15c.



CAMPANULA.

(Canterbury Bells)

AHARDY biennial, blooming the second year from seed; of easy culture, but preferring rich, moist soil. It grows about three feet high, and bears a profusion of double and single varieties of bell-shaped blue, purple and red flowers.

No. 15. Single, Mixed. **Pkt., 5c; Oz., 20c.**

No. 157. Double Flowers; Cup and Saucer Type; Mixed Colors. **Pkt., 10c; Oz., 40c.**

CARNATIONS

(Dianthus)

THESE splendid half hardy perennials are used for greenhouse florist's trade in winter, and for garden decoration and cut flowers in summer. Old plants flower the earliest, but as young plants produce the largest, finest flowers, they are generally treated as annuals.

The seed should be sown under glass in March, and will produce an abundance of flowers by July or August.

The Marguerites are especially recommended for outdoor culture.

No. 16. Mixed Double Varieties. Pkt., 10c;

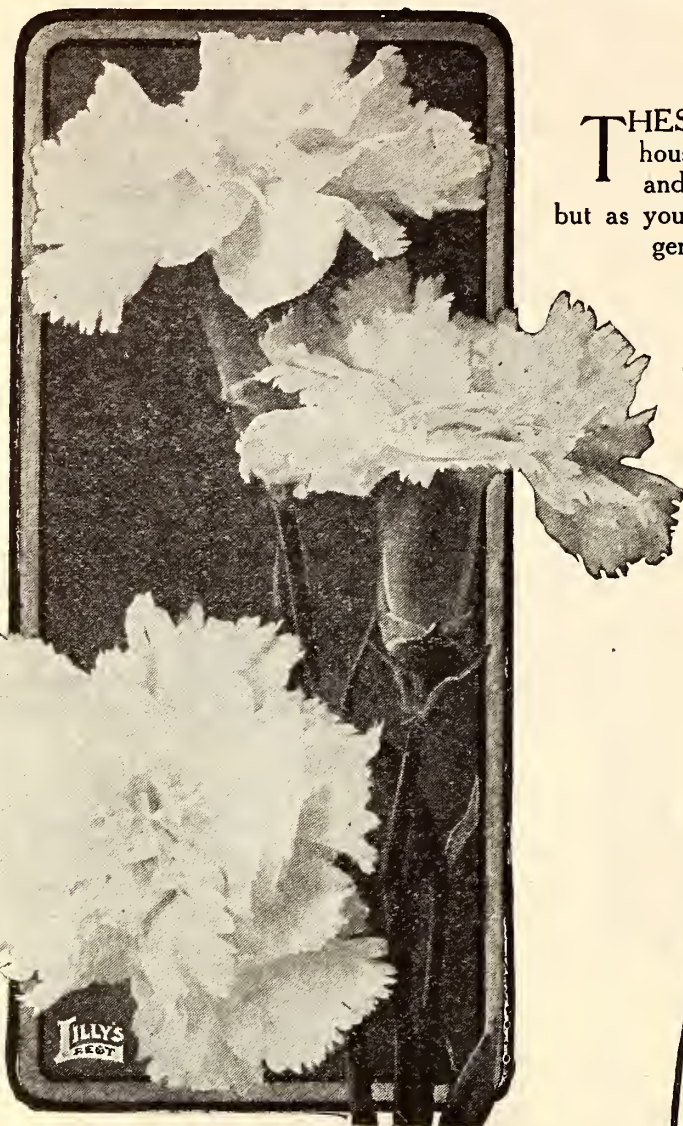
No. 419. Choice Double Mixed. Pkt., 25c;

No. 162. Giant Perpetual. Pkt., 25c;

No. 402. Marguerite, White. Pkt., 10c;

No. 284. Marguerite, Mixed. Pkt., 10c;

No. 161. Grenadin, Dwarf, Red. Pkt., 10c;



CENTAUREA.

(Corn Flower, or Bachelor's Button)

AMONG the most attractive and graceful of the old-fashioned flowers. They are hardy annuals, of simple culture, and are excellent for beds, borders, or for cut flowers.

No. 923. Lilly's Korenbloom (Cyanus nana compacta Victoria). No variety blooms more profusely than Korenbloom, or produces such azure blue blossoms. The stems are long and graceful, making it a delightful flower for cutting; and in the garden its mass of delicate blue coloring makes it very attractive. It is of extra dwarf, fine, compact habit, growing only eighteen inches high. Pkt., 10c; Oz., 75c.

No. 225. Cornflower. Bachelor's Button; Ragged Sailor, or Bluebottle. An old-fashioned favorite. Hardy annual. Two feet high. Pkt., 5c; Oz., 20c.

CHRYSANTHEMUMS.

THE annual varieties of these Royal flowers of doors, and they should have a place in of the Orient are easily grown from seed, out every garden.

No. 329. Choice Japanese Mixed. The best Japanese annual varieties, mixed.

Pkt., 10c; Oz., \$1.50.



CINERARIA

MAGNIFICENT flowering plants for spring decoration in the conservatory, window garden or greenhouse. The plants grow one to two feet high, bearing clusters of large single flowers of bright colors.

No. 19. Mixed. Pkt., 25c; Oz., \$15.00.

COBAEA SCANDENS

A RAPID-GROWING, climbing annual, attaining a height of twenty to thirty feet in a season, with large leaves and large trumpet-shaped flowers which are green until nearly grown, when they turn a bright purplish-blue. A native of Mexico. Desirable for covering trellis, arbors, tree trunks, etc. **No. 120. Pkt., 5c; Oz., 80c.**



CLARKIA

THE Clarkia is one of the prettiest of the hardy annuals, and being a native of the Pacific Coast, is produced here in the greatest perfection. The variety and brightness of its flowers makes a bed of them an attractive sight. Seed sown in the fall will produce blossoms early in spring. Eighteen inches high.

No. 21. Mixed. Pkt., 5c; Oz., 20c.

COSMOS

COSMOS is one of the notable fall flowers. It is a strong, tall-growing annual, yet its bright, bold flowers have a daintiness and airiness which is heightened in effect by the feathery green foliage. It is most effective when planted in broad masses or long background borders against evergreens or fences.

No. 282. Lilly's Autumn Pride. One of the latest developments of this favorite late autumn flowering annual. Grows about four feet high, bearing flowers four to five inches in diameter. The showy rose, crimson, pink and white blossoms are borne on long stems, and are valuable for cutting.

Pkt., 5c; Oz., 35c.

COCKSCOMB.

(Celosia Cristata)

AN odd, picturesque plant, bearing bright colored flowers or plumes, resembling a cock's comb. A hardy annual. Fine for massing or border work.

No. 17. Dwarf. Six inches high.

Pkt., 5c; Oz., \$1.75.

No. 119. Large Flowered Feathered. One foot.

Pkt., 5c; Oz., 35c.

DAISY.

(Bellis Perennis)

ADMIRABLY adapted for edgings, borders and low beds. Although perennials, they will produce flowers the first season if the seed is sown early.

No. 13. Double Daisy. Six inches high.

Pkt., 10c; Oz., \$2.50.

No. 1004. Shasta Daisy. One of Mr. Luther Burbank's creations. Produces magnificent pure white flowers four inches in diameter, on very long stems. The plants grow two and one-half feet in height.

Pkt., 15c.

DAHLIA.

ANOVELTY of more than ordinary merit, producing immense single flowers of white and various colors, including many beautifully striped and spotted sorts. The stems are long and rigid, showing off the flowers well above the foliage. The dark rich foliage, too, renders it very effective in the garden, especially when bedded to contrast with lighter or faded foliage. If the seed is sown early, this variety will produce blooms the first season.

Pkt., 10c; Oz., \$1.00.

No. 924. Lilly's Giant Annual Dahlia.

ESCHSCHOLTZIA.

(California Poppy)

AHARDY annual, with fine-cut, feathery foliage, and beautiful velvety cup-shaped flowers; grows about eighteen inches high, and blooms profusely. Seed sown in the spring will produce flowers from early summer till late in



the fall. Splendid for bedding.

No. 192. True California Poppy.

Bright orange-yellow. **Pkt., 5c; Oz., 15c.**

No. 167. Creamy White.

Pkt., 5c; Oz., 20c.

FOUR O'CLOCK (Mirabilis)

Also called Marvel of Peru. A hardy annual, about two feet high, of easy culture, and bearing a profusion of bright, handsome flowers of various

colors, shades and markings. Flowers open at four o'clock and close in the morning.

NO. 51. LILLY'S CHOICE MIXED.

Pkt., 5c; Oz., 10c.

FOX GLOVE (Digitalis)

A hardy perennial, blooming the second year from seed; grows from three to five feet tall, producing freely long spikes of large Gloxinia-like flowers in

various colors. Thrives best in cool, shady locations. Splendid for permanent beds, borders and masses.

NO. 165. MIXED COLORS.

Pkt., 5c; Oz., 20c.

FORGET-ME-NOT (Myosotis)

A hardy perennial, growing six to twelve inches high, bearing pretty little star-like flowers, in clusters, on long stems. The plant is of easy culture, and blooms the first year if seed is sown early. Thrives best in a cool, moist location.

FORGET-ME-NOT. A very beautiful variety of dwarf, bushy habit, bearing large clusters of the brightest azure-blue flowers, on long, graceful stems, rendering them very useful for cutting.

Pkt., 10c.

NO. 310. LILLY'S VICTORIA DWARF

NO. 53. TRAILING VARIETY.

Pkt., 5c; Oz., 50c.



GAILLARDIA.

A SHOWY garden annual of the easiest culture. The plants grow in compact, bushy form, about one foot high, and bear freely during the summer and until late in the fall, large, brilliant flowers in red and yellow, blended and shaded, on long slender stems. Splendid for border and for cut flowers.

No. 444. Picta Lorenzianni. Double Flowers. Mixed Colors.

Pkt., 5c; Oz., 50c.

GODETIA.

(Evening Primrose)

A hardy annual, growing from six to ten inches high; of compact growth, bearing a profusion of satiny cup-shaped flowers in red, pink and white, shaded and blended.

No. 494. Mixed Colors.

Pkt., 5c; Oz., 25c.

GOURDS

Prized for their rapid growth and oddly shaped and highly colored fruits. They are useful for covering arbors, old fences, stumps, etc.

NO. 476. MIXED VARIETIES.

Pkt., 5c.

HELIOTROPE

A very popular flowering plant for beds or cutting. Delightfully fragrant and very durable.

NO. 127. CHOICE MIXED.

Pkt., 10c; Oz., \$1.50.

JAPANESE HOP (Humulus Japonicus)

A rapid annual climber, producing an abundance of dense green foliage of great beauty.

NO. 412. HUMULUS JAPONICUS.

Pkt., 5c; Oz., 50c.

NO. 413. HUMULUS JAPONICUS FOL. VARIEGATIS. Variegated.

Pkt., 10c; Oz., 60c.

HAVE YOU NO UNSIGHTLY SPOTS AROUND YOUR HOME THAT A FEW RAPID GROWING ANNUALS WOULD COVER UP.

GYPSOPHILA

(Baby's Breath)

A very pretty free-flowering plant, of easy culture in any garden soil; very graceful and delicate. The blooms mix well with other cut flowers.

NO. 925. LILLY'S SNOWFLAKE (*elegans alba pura*). An improved large flowering variety of easy growth; produces graceful sprays of pure white blossoms; splendid for use with cut flowers. Several sowings should be made during the season to

keep up the supply. Annual. Two feet high.
Pkt., 10c; Oz., 20c.

NO. 917. WHITE. Annual.
Pkt., 10c; Oz., 25c.

NO. 376. MIXED COLORS. Annual.
Pkt., 5c; Oz., 20c.

NO. 918. PANICULATA. White. Perennial.
Pkt., 10c; Oz., 40c.



HELIANTHUS

(Sunflower)

Hardy annuals, growing three to six feet high; of the easiest culture; suitable for a background, or even for bedding.

NO. 926. LILLY'S MINIATURE (*Helianthus cucumerifolius*). A magnificent variety growing about four feet high, and bearing small, single, rich golden daisy-like flowers of striking brilliance, with black center. Good for cutting.

Pkt., 10c; Oz., 25c.

NO. 128. DWARF, DOUBLE. A very double variety, altogether different from the ordinary single, and much more handsome.

Pkt., 5c; Oz., 15c.

HOLLYHOCK

NO. 961. LILLY'S ANNUAL EVER-BLOOMING HOLLYHOCKS. This new annual variety of the old favorite hollyhock, if planted early in spring, will bloom in July or August, and continue until very late in the fall. The plants are of vigorous and healthy growth, and branching in habit; the center spike, if not pinched back, attains a height of eight to ten feet, after which, if permitted, the side shoots from the base commence to lengthen,

growing candelabra-like, three to five feet long. The plants are amenable to training; that is, the main stem may be kept at any desired height by pinching out the tip, or it may be kept low and induce earlier development of the side branches, thus forming a bush.

Pkt., 10c; Oz., \$1.50.

NO. 37. MIXED DOUBLE. Perennial.

Pkt., 10c; Oz., 80c.

THE CROP BOOK.

WHETHER you have an extensive ranch, or only a city lot, you will find much interesting and useful information in The Crop Book. It contains many original articles written especially for us by officials of the Department of Agriculture, and other persons who are experts on the subjects handled; the balance is compiled from Government Bulletins and other reliable sources. There are 88 pages of solid reading matter; no advertisements. Free with any order, regardless of amount.

PREMIUMS.

IT IS NOT NECESSARY for us to give premiums to sell our goods, as for every dollar remitted we give a full dollar's worth of the best seeds that can be procured, but we have an advertising arrangement with the publishers of some of the standard magazines, whereby it is to our advantage to increase the circulation of those magazines, so that we can afford to give them to you without reducing the quantity or quality of the seeds. See second page of this catalog.



NO. 195. **EMPEROR WILLIAM.** A very dwarf, compact variety, completely covered with white, blue margined, flowers, from June to November. *Extra fine.* **Pkt., 10c; Oz., \$2.00.**

NO. 196. **CRYSTAL PALACE.** Deep blue with dark foliage. **Pkt., 5c; Oz., \$2.50.**

NO. 304. **GRACILIS.** A trailing variety, with bright blue flowers. **Pkt., 5c; Oz., 75c.**

LUPINUS (Lupins).

A very ornamental, free flowering annual, growing two to three feet high, bearing long graceful spikes of rich colored pea-shaped flowers. Of easy culture. Sow in the open ground, and thin to six inches apart.

No. 46. Pkt., 5c; Oz., 15c.

LYCHNIS

A hardy perennial, growing about three feet high, and bearing bright scarlet flowers in clusters.

No. 47. Pkt., 5c; Oz., 50c.

JAPANESE KUDZU VINE

(*Pueraria thunbergiana*).

NO. 994. An immensely vigorous vine, producing stems sixty feet long in a single season, and will cover everything within reach with its luxuriant foliage and clusters of purple, fragrant, sweet pea-shaped flowers. Dies in winter, sprouting again in spring, except in frostless localities, where it is a perennial. **Pkt., 10c; Oz., 40c.**

LARKSPUR

(*Delphinium*).

Popular garden annuals of easy culture; very useful for garden ornamentation and prized for cutting.

NO. 927. **LILLY'S GIANT LARKSPUR.** This splendid tall, branching variety grows two to three feet high and bears large double flowers on long spikes, rendering them of exceptional value for cutting purposes. They are of long continued bloom, keeping up a bright display until cut down by frost. Colors, white, light blue, dark blue, flesh-color, pink, rose, violet, striped, etc. **Pkt., 10c; Oz., 30c.**

NO. 208. **DWARF ROCKET.** A dwarf variety, growing about one foot high. Mixed colors. **Pkt., 5c; Oz., 20c.**

LINUM

(Flowering Flax).

A hardy annual, about twelve inches high, of slender and graceful appearance, with smooth stems, and bright red flowers which are borne in great profusion. Can be sown early out of doors, and succeeds in partial shade.

No. 243. Pkt., 5c; Oz., 20c.

LOBELIA

A half-hardy annual, growing four to six inches high, forming compact little bushes, literally covered with small bright flowers. Splendid for borders or hanging baskets.

Marigold

A hardy annual, of shrubby growth, in tall and dwarf varieties, growing from six inches to three feet high. The foliage is bright green, deeply cut, and graceful. The flowers are various shades of yellow and brown. The tall varieties are valuable for bedding and backgrounds, and the dwarf varieties for borders.

- | | |
|---|---------------------|
| NO. 409. TALL DOUBLE AFRICAN. Mixed colors. | Pkt., 5c; Oz., 25c. |
| NO. 410. TALL DOUBLE FRENCH. Mixed colors. | Pkt., 5c; Oz., 30c. |
| NO. 146. DWARF DOUBLE FRENCH. Mixed colors. | Pkt., 5c; Oz., 25c. |

Mignonette

No garden is complete without this old favorite. A hardy annual, growing six to twelve inches high, and bearing pyramidal-shaped flower spikes, made up of thickly set flowerets, which are exceedingly fragrant. Valuable for potting, bedding or borders.

- | | |
|---|---------------------|
| NO. 420. PARSON'S WHITE. White; very fragrant; tall. | Pkt., 5c; Oz., 20c. |
| NO. 252. GOLDEN QUEEN. Yellow flowers; compact habit. | Pkt., 5c; Oz., 30c. |
| NO. 139. RESEDA ODORATA. Mixed colors | Pkt., 5c; Oz., 15c. |

Mimulus

A half-hardy perennial, growing from six inches to one foot high; blooms freely and in a large variety of colors; useful in window gardens, pots, and moist, shady situations in the garden. Blooms the first year from seed if sown early.

NO. 928. LILLY'S NEW FIVE-SPOTTED MIMULUS, OR HOSE IN HOSE. A new five-spotted variety, with extra fine flowers, sulphur ground spotted with scarlet and pink. Very fine, and well suited to the Pacific Coast. Pkt., 10c; Oz., \$2.50.

NO. 49. MOSCHATUS, OR MUSK PLANT. Fragrant; small yellow flowers spotted with brown; fine for hanging-baskets. Pkt., 5c; Oz., \$2.50.

NO. 50. TIGRINUS, OR MONKEY FLOWER. Large flowers of mixed colors, spotted. Pkt., 5c; Oz., \$2.50.

Mina Lobata

A half-hardy Mexican climbing annual, freely producing orange-colored flowers from base to top. Grows to a height of eighteen or twenty feet. No. 384. Pkt., 10c; Oz., \$2.50.

Moon Flower Vine

The most rapid growing of all climbing flowering vines, and invaluable for trellis or arbor; quickly attaining a height of twelve to fifteen feet, producing a dense mass of heart-shaped leaves as a background for the thousands of large, sky-blue, fragrant flowers, which come in September; opening in the evening, and remaining open until the following noon. Never troubled with insects. Annual.

No. 959. Pkt., 10c; Oz., 40c.

Morning Glory

Well-known hardy climbing annuals, growing about ten feet long, and bearing pretty flowers in a variety of colors and tints, fully expanded only in the morning. Easy culture and quick growth.

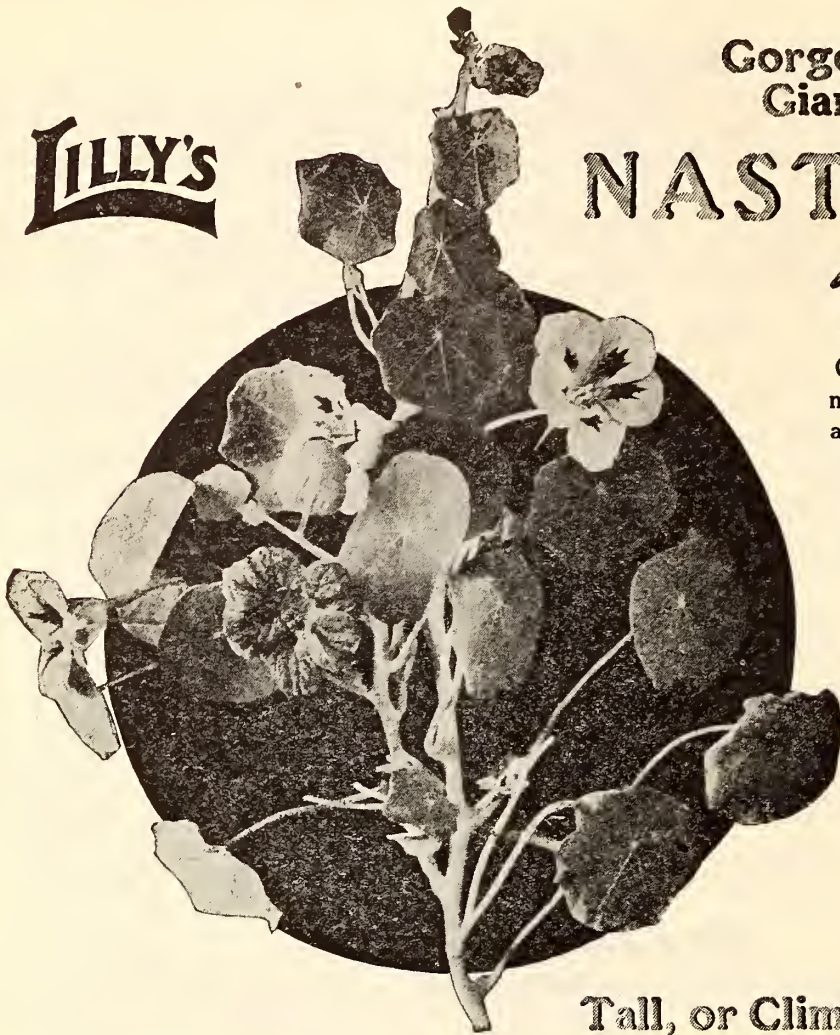
NO. 600. IMPERIAL JAPANESE GIANT MORNING GLORY. Of remarkable size; the vines present a beautiful wall of luxuriant foliage, thick with flowers of gigantic dimensions, measuring from four to six inches across, and of exquisite colors and shadings. Pkt., 10c.

NO. 41. CONVULVULUS MAJOR. Tall Morning Glory. Making a growth of ten to twelve feet; mixed colors. Pkt., 5c; Oz., 15c.

NO. 23. CONVULVULUS MINOR. A dwarf, or bush, variety, growing about one foot high, bearing flowers same as the tall varieties. Pkt., 5c; Oz., 15c.



LILLY'S

Gorgeous Blooming,
Giant Flowering,

NASTURTIUMS

THIS old and always popular annual has been highly developed within the past few years. On the Pacific Coast we can suggest nothing else that will give the same amount of satisfaction as a border or bed of the Dwarf Nasturtium and a trellis or wall covered with the climbers. There is nothing else that will respond so quickly, and produce such large and luxuriant flowers and foliage in such profusion, during the long season from early summer to late fall, with so little care and attention.

The varieties offered below are selected from a large number of sorts after exhaustive trials, and are offered as being the best for the West.

Tall, or Climbing, Nasturtiums

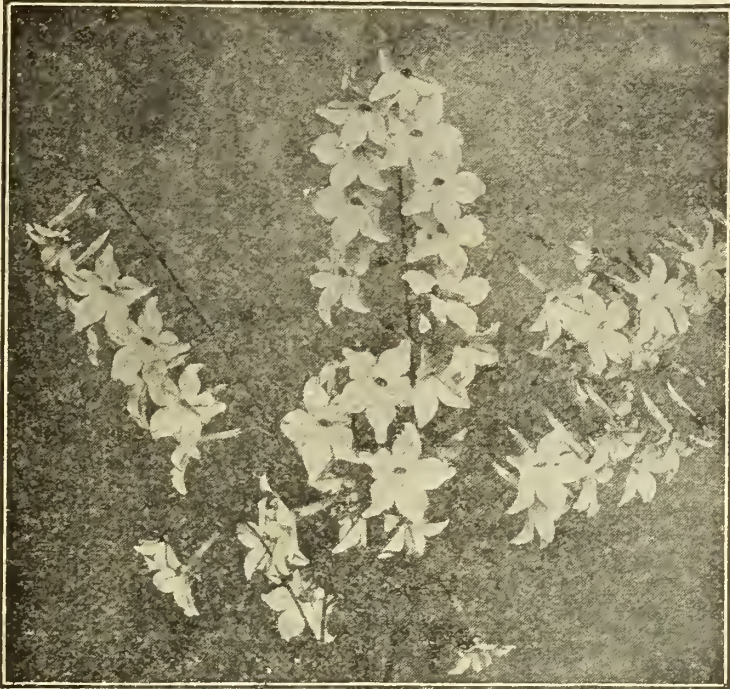
- NO. 262. **LILLY'S BEST** ROYAL MIXED TALL Selected from varieties noted for their brilliancy of coloring, comprising the brightest crimson, the deepest brown, the most brilliant scarlets, golden, gleaming yellows, richest orange, and quaint blotched varieties. For covering fences, stumps, trellises, walls and for window boxes nothing can surpass this mixture. **Pkt., 5c; Oz., 10; Lb., 50c.**
- NO. 901. ZANDERI NIGRUM. Very dark red; dark foliage. **Pkt., 5c; Oz., 15c.**
- NO. 902. CROWN PRINCE OF PRUSSIA. Dark blood-red. **Pkt., 5c; Oz., 15c.**
- NO. 903. GOLDEN QUEEN. Golden-yellow. **Pkt., 5c; Oz., 15c.**
- NO. 904. LILLI SCHMIDT. Orange-scarlet. **Pkt., 5c; Oz., 15c.**
- NO. 905. GIANT OF BATTLES. Sulphur-yellow, blotched red. **Pkt., 5c; Oz., 15c.**
- NO. 906. PEARL. Creamy-white. **Pkt., 5c; Oz., 10c.**
- NO. 263. COCCINEUM. Scarlet. **Pkt., 5c; Oz., 10c.**
- NO. 318. ATROPURPUREUM. Dark crimson. **Pkt., 5c; Oz., 10c.**

Dwarf, or Bedding, Nasturtiums

- NO. 87. **LILLY'S BEST** ROYAL MIXED, DWARF. A mixture of the choicest dwarf varieties; the flowers, colors, and foliage are similar to the tall varieties, but the plants are bushy, grow only about sixteen inches high, and are splendid for bedding. Plant seed in the spring, after danger of frost is past, in the ground where plants are to remain. Sow the seed rather thinly, and it will not be necessary to thin the plants as they will bear standing close together. **Pkt., 5c; Oz., 10c; Lb., 65c.**
- NO. 907. VESUVIUS. Salmon-rose. **Pkt., 5c; Oz., 20c.**
- NO. 908. DWARF PEARL. Cream-white. **Pkt., 5c; Oz., 10c.**
- NO. 909. DWARF RUBY KING. Ruby-red; dark leaved. **Pkt., 5c; Oz., 10c.**
- NO. 910. DWARF SPOTTED KING. Dark yellow, brown spotted. **Pkt., 5c; Oz., 10c.**
- NO. 911. DWARF CHAMELEON. Blotched and inconstant shades. Fine. **Pkt., 5c; Oz., 10c.**
- NO. 264. EMPRESS OF INDIA. Brilliant dark scarlet. **Pkt., 5c; Oz., 20c.**
- NO. 929. QUEEN OF TOM THUMBS. A new and magnificent bedding variety, bearing large brilliant scarlet velvety flowers against a background of beautiful white-veined foliage. The flowers sometimes measure three inches across. Seed sown in the open ground in the spring will produce blooms all summer and until killed by frost late in the fall. **Pkt., 10c; Oz., .75**

NEMOPHILA (Love Grass).

A pretty annual, growing about six inches high, with small cup-shaped blossoms about one inch in diameter, in white and various shades of blue. Blossoms throughout the summer; thrives best in a cool, moist location. NO. 54. CHOICE MIXED. Pkt., 5c; Oz., 25c.



NO. 247. NICOTIANA AFFINIS. A sweetly fragrant annual, with pure white star-like flowers that bloom continually. Pkt., 5c; Oz., 30c.

NO. 447. NICOTIANA SYLVESTRIS. One of the most ornamental of the Tobacco plants; grows four feet high, with rich deep green foliage, and pure white, very fragrant, drooping flowers.

Pkt., 5c; Oz., 30c.

NIGELLA (Devil-in-a-Bush).

A compact, free flowering, hardy annual, growing about one foot high, with finely cut foliage, oddly shaped blossoms in blue and white, and curious seed pods. No. 248. Pkt., 5c; Oz., 20c.

PENTSTEMON

A hardy perennial, blooming the first year from seed. Grows about eighteen inches high, and its bright colored and spotted blossoms are borne in spikes, similar to Foxglove, but in a great variety of shades and colors. No. 60. Pkt., 10c; Oz., \$1.50.

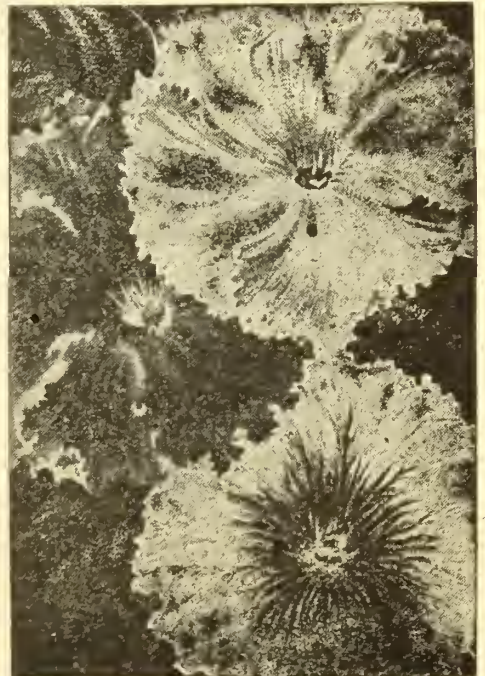
PETUNIA

A tender perennial, attaining perfection the first year from seed, almost indispensable for bedding and garden decoration. They flower within a few weeks after seed is sown, and continue to grow, bud and bloom in luxuriance until frost, and are brilliantly effective massed in beds or borders.

NO. 65. LILLY'S FRINGED DOUBLE PETUNIA. This extra large-flowering Petunia is without doubt the finest ever offered to the public. For years we have made a specialty of this strain, consequently improving it by selection. The flowers assume greater size and richness as time elapses, and the type ever becomes more desirable. In color, shape, markings and texture it is all that can be desired. The numerous petals are more or less folded, fringed and shaded, and the result is a flower of unexcelled quality and beauty. The plant is strong, stocky and vigorous, and foliage pleasing. Pkt., 25c.

NO. 61. LILLY'S CHOICE SINGLE PETUNIAS. Pkt., 5c.

NO. 66. LILLY'S CHOICE DOUBLE PETUNIAS. Pkt., 25c.



A FEW CENTS' WORTH OF ANNUAL FLOWERS WILL BEAUTIFY YOUR HOME.



We have taken great care in selecting the choicest varieties of pansies, and our collection is noted for wonderful size, productiveness and splendid colors. We can also furnish plants grown from these seeds. See Plant Section.

● NO. 930. **LILLY'S COLOSSAL MIXED.** A mixture of the choicest large-flowering varieties, including all the best colors, and will produce immense flowers of the most rare and handsome colors. The flowers are borne on long stems well above the foliage. **Pkt., 25c; Oz., \$15.00.**

NO. 91. **LARGE FLOWERING BLOTCHED.** Mixed. **Pkt., 25c; Oz., \$3.50.**

NO. 177. **CASSIERS' LARGE BLOTCHED.** Produces the largest flowers of any of the blotched varieties. **Pkt., 25c; Oz., \$6.00.**

NO. 90. **LARGE FLOWERING FRENCH.** Beautiful mixed colors. **Pkt., 5c; Oz., \$1.00.**

NO. 92. **TIMARDEAU.** Extra large flowers; mixed colors. **Pkt., 10c; Oz., \$1.50.**

NO. 95. **SNOWFLAKE.** Almost pure white in color. **Pkt., 10c; Oz., \$2.00.**

NO. 94. **LORD BEACONSFIELD.** Magnificent deep purple violet. **Pkt., 10c; Oz., \$1.50.**

NO. 96. **WHITE WITH BLACK CENTER.** Very showy. **Pkt., 10c; Oz., \$1.50.**

NO. 203. **EMPEROR WILLIAM.** Ultramarine blue. **Pkt., 10c; Oz., \$1.50.**

NO. 178. **FAUST, OR KING OF THE BLACKS.** Very large and dark. **Pkt., 10c; Oz., \$1.50.**

NO. 176. **SILVER EDGED.** Dark purple with white border.

Pkt., 10c; Oz., \$1.50.

NO. 179. **GOLD MARGIN.** Purple with gold border. **Pkt., 5c; Oz., \$1.50.**

NO. 429. **GOLDELSE.** Pure golden yellow. **Pkt., 10c; Oz., \$2.25.**

NO. 89. **FINE VARIETIES MIXED**
Pkt., 5c; Oz., \$1.00

PINKS

This favorite flower family embraces some of the most beautiful and popular sweet-scented flowers grown, producing a great variety of brilliant colors. They are hardy annuals, and will flower the first season from seed sown out of doors in the spring, and will continue to bloom during the entire season. Excellent for cutting as well as bedding. Height one foot.

NO. 122. **HEDDEWEGI.** Japanese Pinks. Finest mixed. **Pkt., 5c; Oz., 50c.**

NO. 123. **DIADEM.** Large double flowers in many colors. **Pkt., 5c; Oz., 30c.**

NO. 288. **MAY PINKS.** Single flowered perennials; the best for massing and permanent beds. **Pkt., 5c; Oz., 25c.**

NO. 28. **CHINESE PINKS.** A mixture of the choicest double varieties.

Pkt., 10c; Oz., 75c.



PANSY PLANTS ARE LISTED IN PLANTS SECTION.

PHLOX

For beds and massing nothing can surpass these beautiful annuals. They produce immense trusses of large brilliant flowers of numberless hues throughout the summer. Grows twelve inches high.

NO. 336. LILLY'S STAR PHLOX. This splendid annual cannot be over-praised for brightness and beauty. The plants are dwarf, and are lavishly covered with flowers of the most brilliant colors. There is nothing better for bedding purposes, and they are of easy culture, succeeding everywhere.

Pkt., 5c; Oz., \$1.25.

NO. 919. LILLY'S LARGE FLOWERING PHLOX. Sometimes called "Texan Pride," and undoubtedly occupies first place as a garden annual, producing masses of brilliant flowers from early summer till late autumn. Lilly's seed is an improved strain, producing extra large blossoms with petals overlapping each other. Unexcelled for beds and massing.

Pkt., 10c; Oz., \$2.50.

NO. 67. PHLOX DRUMMONDI, MIXED.

Pkt., 5c; Oz., \$1.00.

NO. 931. NANA COMPACTA. Dwarf; extra fine; mixed.

Pkt., 10c; Oz., \$2.50.

POPPIES

Probably no class of plants enjoys greater popularity and is more widely grown than the annual poppies; this is especially true of the single varieties. They are easily grown, and should be sown in beds or wild patches, in the fall or early spring, where they will grow high above the grasses on tall graceful stems.

NO. 192. CALIFORNIA POPPY. See Eschscholtzia. Pkt., 5c; Oz., 15c.

NO. 314. SHIRLEY. The most beautiful type of poppies, having soft, hairy foliage, and a variety of single blossoms in white, pink, lavender, purple, red and scarlet. Free blooming, and fine for bedding or tall border.

Pkt., 5c; Oz., 25c.

NO. 351. SINGLE, MIXED. All single varieties and colors.

Pkt., 5c; Oz., 20c.

NO. 57. CARNATION POPPY. Splendid double flowers, fringed. Mixed colors.

Pkt., 5c; Oz., 25c.

NO. 268. TULIP POPPY. Large tulip-shaped single flowers; bright scarlet.

Pkt., 10c; Oz., 75c.

NO. 58. UMBROSUM. Brilliant vermilion with black spots; single.

Pkt., 5c; Oz., 15c.

NO. 55. PEONY FLOWERED. Large, showy, double, globular flowers; mixed colors.

Pkt., 5c; Oz., 15c.

NO. 341. ICELAND. A graceful, delicate variety, with dark red single flowers, the petals resembling crumpled tissue paper. The plant is low-growing, but the stems are long and slender.

Pkt., 10c; Oz., \$2.00.

Portulaca

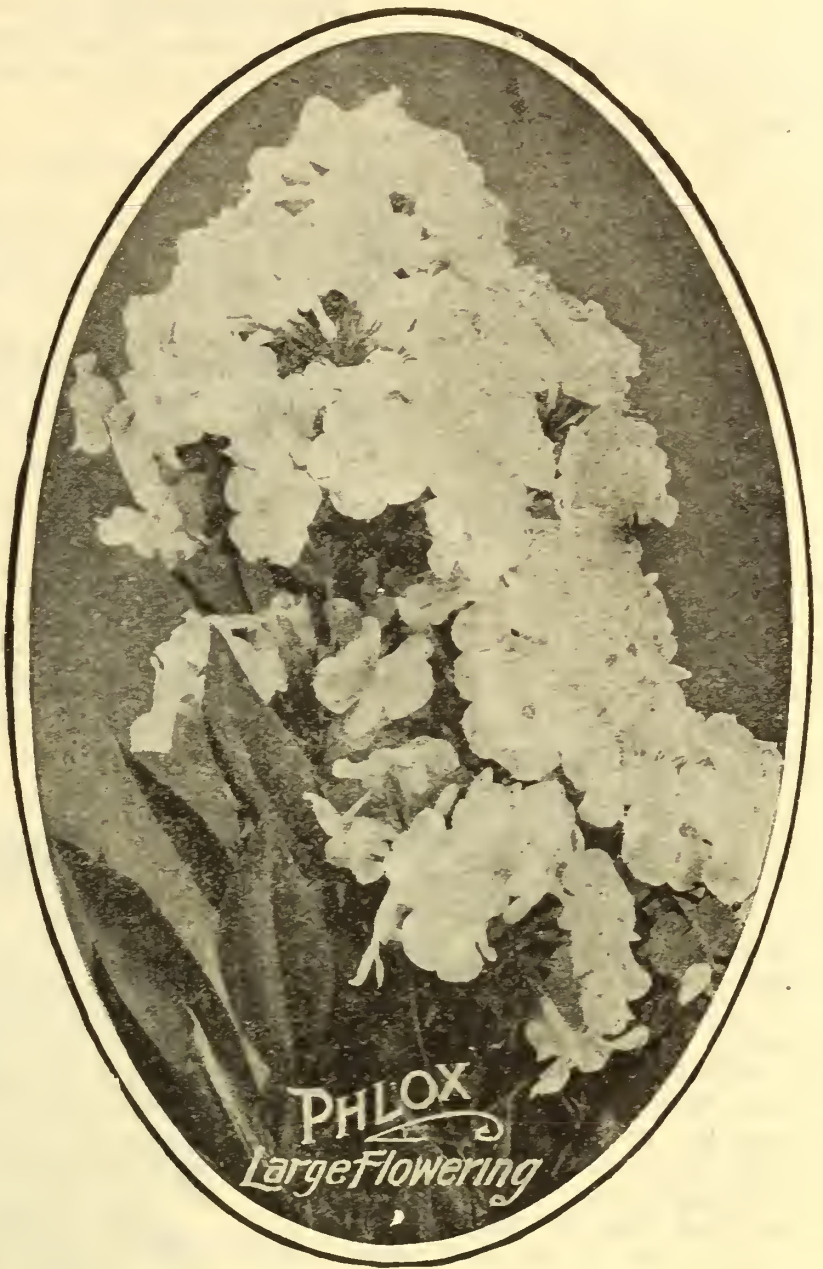
A low-growing, creeping, tender annual, six to eight inches high, bearing glossy, cup-shaped blossoms in very brilliant and gorgeous colors. The foliage and stems are thick. Seed germinates slowly, and should be started under glass. Requires a sunny location, and does best on rather dry ground.

NO. 69. LARGE SINGLE MIXED.

Pkt., 5c; Oz., 45c.

NO. 70. LARGE DOUBLE MIXED.

Pkt., 5c; Oz., \$3.00.



PRIMROSE (Primula).

A charming and beautiful flower, indispensable for winter or spring decoration in the house or conservatory. The hardy varieties make a healthy growth, and bloom profusely. Our seed is selected from the best giant strains.

- NO. 72. CHINESE. Choice double, mixed. Pkt., 25c.
- NO. 73. PRIMULA AURICULA. A general favorite of great beauty. Mixed colors. Pkt., 25c; Oz., \$6.00.
- NO. 74. JAPANESE. Bright and showy flowers. Mixed colors. Pkt., 10c; Oz., \$3.00.
- NO. 75. PRIMULA VERIS. Polyanthus. Mixed colors. Pkt., 10c; Oz., \$2.00.
- NO. 315. PRIMULA OBCONICA. A profuse bloomer; white shading to lilac. Pkt., 25c; Oz., \$6.00.

PYRETHRUM

A hardy perennial, with bright foliage, much used for edging and borders. Seed should be sown in the fall or early spring, in boxes, and transplanted.

- NO. 76. GOLDEN FEATHER (Parthenifolium Aureum). Bright golden-yellow foliage. Pkt., 5c; Oz., 50c.
- NO. 342. HYBRIDUM. Large flowering; double. Mixed colors. Pkt., 10c; Oz., \$1.00.

RICINUS (Castor Oil Bean).

An imposing plant of semi-tropical effect. Half-hardy annual. No. 140. Pkt., 5c; Oz., 10c.

SALPICLOSSIS

A half-hardy annual, growing about three feet high, bearing trumpet-shaped flowers of rich colors. Valuable for bedding and massing, and its long stems make it excellent for cutting.

No. 406. Pkt., 5c; Oz., 50c.

SALVIA

(Flowering Sage).

Tender perennials, flowering the first season from seed. The plant is bushy, and grows two to three feet high, bearing a profusion of blossoms in drooping spikes; very fragrant.

NO. 920. SALVIA SPLENDENS. The flowers of this magnificent scarlet sage are produced so abundantly as to bend the branches, giving it a graceful drooping effect. There is nothing else that can equal the gorgeous effect of a row or bed of this salvia when in full bloom; the waving masses of glistening scarlet against green surroundings are matchless. Pkt., 5c; Oz., \$3.00.

NO. 142. SALVIA PATENS. This is as blue as the Splendens is scarlet. Makes a splendid showing the second year. Pkt., 15c; Oz., 75c.

**SCABIOSA** (Mourning Bride).

The Mourning Bride of the old gardens, but much improved in size. The flowers are very large, double, and have long stems. Grows about two feet high, very free bloomers, and are splendid for garden decoration and for cutting. Annual.

- NO. 130. TALL; MIXED COLORS. Pkt., 5c; Oz., 25c.
- NO. 143. DWARF; MIXED COLORS. Pkt., 5c; Oz., 20c.

SCHIZANTHUS

Hardy annuals, growing eighteen inches high, and covered with bright, showy, butterfly-like blossoms. NO. 80. MIXED COLORS. Pkt., 5c; Oz., 20c.

SILENE (Catch Fly).

Bright colored, free flowering annual, suitable for rockery or open border. NO. 82. MIXED COLORS.

Pkt., 5c; Oz., 15c.

SMILAX

A climbing perennial, with beautiful, bright green, glossy leaves, much esteemed for its long, delicate sprays of foliage. Used largely for decorating. Start seed under glass and transplant six inches apart. It requires strings or wires to climb on. **No. 374. Pkt., 10c; Oz., 40c.**

STOCKS

Hardy annuals, two feet high, with spikes densely covered with beautiful double flowerets. The flowers come in many colors and tints, are fragrant and very valuable for bedding and for cut flowers. Of easy culture. Sow seed in hot-beds or boxes and transplant.

NO. 170. LILLY'S EMPEROR TEN WEEKS STOCKS. A magnificent perpetual-blooming variety; sown in March or April, they begin to bloom in July, continuing until frost to bear a mass of very double delightfully fragrant flowers of great beauty. The spikes throw out numerous side branches, which all bear profusely. Splendid for cutting. Mixed colors. **Pkt., 10c; Oz., \$5.50.**

NO. 932. DRESDEN TEN WEEKS STOCKS. Mixed colors. **Pkt., 10c; Oz., \$4.25.**

NO. 84. LARGE FLOWERING, DWARF. Mixed. **Pkt., 5c; Oz., \$2.00.**

NO. 377. LARGE FLOWERING, TALL. Mixed. **Pkt., 10c; Oz., \$3.50.**

NO. 85. BROMPTON. Winter or perennial. Mixed colors. **Pkt., 10c; Oz., \$5.00.**

SUNFLOWER. See Helianthus.

SWEET ALYSSUM. See Alyssum.

SWEET WILLIAM

A dear old-fashioned plant, producing bunches of beautifully marked and gorgeously colored flowers of great fragrance. Hardy perennial. One foot high. Good for bedding.

NO. 26. SINGLE. **Pkt., 5c; Oz., 15c.**

NO. 27. DOUBLE. **Pkt., 5c; Oz., \$1.00.**

Thunbergia (Black-eyed Susan).

A hardy annual climber, growing about four feet high, valuable for fences or hanging baskets. Blossoms are very pretty, in buff, white, and orange, with dark centers.

NO. 147. MIXED COLORS. **Pkt., 5c; Oz., \$1.00.**

TOBACCO, FLOWERING. See Nicotiana.

VERBENA

A half-hardy trailing perennial of easy culture. A splendid bedding or border plant.

NO. 88. FINEST MIXED. **Pkt., 10c; Oz., \$1.25.**

VIOLETS

Because of the long time it takes the seed to germinate, we would advise buying the plants; listed in Plants Section of this catalog.

NO. 319. LARGE SINGLE FLOWERS. **Pkt., 10c; Oz., \$1.50.**

WALLFLOWER

An old European favorite, peculiarly adapted to the climate of the Pacific Coast, and deserving of more appreciation than is shown it in America. Flowers are very sweetly scented, crimson, yellow, apricot and brown. Our seed is imported from Europe, and will produce masses of fragrant blossom.

NO. 98. GERMAN, DOUBLE. Mixed colors. **Pkt., 10c; Oz., \$3.00.**

NO. 99. SINGLE. Mixed colors. **Pkt., 5c; Oz., 20c.**

WILD FLOWER GARDEN

Somewhere in a little out-of-the-way corner of your garden you will like to have a bed of gorgeous flowers, with every day something new bursting into bloom, every morning something delightfully different to surprise and greet you. For making just such a bed our wild-flower garden packet is offered you, comprising twenty different annual flowers that can be sown broadcast. A bed of this kind will be always in bloom and sweetly fragrant. **No. 438. Pkt., 5c.**

ZINNIA

A half-hardy annual, growing from one to two feet high. Produces a multitude of large double flowers of a great variety of colors and shades; very valuable as a bedding plant, and excellent for bouquets.

NO. 933. LILLY'S GIANT MIXED. An improved mixture including all the best and largest types, producing plants of exceeding handsome form, compact bushes, and giant, perfectly formed double flowers of brilliant mixed colors. The flowers measure five to six inches across, and are very double. **Pkt., 5c; Oz., \$1.00.**

NO. 100 Mixed. All the best varieties and colors mixed. **Pkt., 5c; Oz., 40c.**

VIOLET PLANTS ARE LISTED IN PLANTS SECTION.

SWEET PEAS

The New Spencer Type.

THESE are the latest developments in Sweet Peas. The stems are large, nearly a foot long, making them splendid for cutting, and each bears three or four immense flowers two inches in diameter. The wings are large, wavy, and gracefully poised in open formation; the gigantic standards, round and upright, are frilled, the undulations diminishing fanlike into dainty waves at the margin.

No. 949—Countess Spencer.

The original of the splendid Spencer Type. The color is a bright, clear pink, shaded to a richer and deeper pink at the edges.

No. 992—Mrs. Walter Wright Spencer.

Rose-purple, self-colored. Very beautiful.

No. 993—Gaiety Spencer.

Rosy-magenta flaked on white. One of the best of the Spencers.

No. 1001—White Spencer.

Pure white, and of the true Spencer form. Splendid.

No. 1002—Primrose Spencer.

Clear, distinct primrose color, without a trace of pink. Vigorous and free flowering.

No. 1003—George Herbert Spencer.

A bright rosy-carmine; open form, beautifully waved.

No. 953—Helen Lewis Spencer.

Standard rich crimson-orange; wings orange-rose. A beautiful, distinct variety.

No. 976—John Ingman Spencer.

Beautiful rose-carmine, showing veins of a deeper shade.

Prices: Packet, 10c; ounce, 20c, postpaid.

The Unwin Type

No. 951—Gladys Unwin.

This belongs to a class by itself, very similar to the Spencer Type, but a little smaller and more free-flowering. The color is a clear, bright, light pink, shaded a little deeper at the edges. It has the same open form and wavy edges as the Countess Spencer, but is lighter colored.

No. 971—E. J. Castle.

Bright rose-crimson with veins of deeper rose. Magnificent open form.

No. 974—Frank Dolby.

Delicate light lavender of great beauty; bold, wavy standard and widely spreading wings.

No. 982—Mrs. Alfred Watkins.

Standard pink at the base, shading to blush and buff at edges; wings blush at base, shading to rose at edges.

Prices: Packet, 10c; ounce, 20c, postpaid.



Royal Mixed

A GORGEOUS array of the best flowering sorts, ranging in color from dazzling white to the most brilliant reds, and from delicate blue to deepest purple. No dull colors, no small blossoms. All of them as sparkling and vivacious as a fragrant spring morning.

No. 958—Pkt., 5c; oz., 10c; lb., 75c, postpaid.

Extra Early Sweet Peas

No. 427—Mont Blanc.

Pure white; medium size; open form. Plants are rather dwarf. A splendid extra early variety.

No. 457—Sunbeams.

Like Mont Blanc, except that the color is primrose. Very early.

No. 999—Bodger's Early Pink.

Similar to Mont Blanc, but color is light pink. Extra early, and an excellent variety.

No. 998—Burpee's Earliest White.

Very early; pure white; hooded form; medium size.

Prices: Packet, 5c; ounce, 10c, postpaid.

The Best Standard Varieties

CREAM OR LIGHT YELLOW.

No. 976. Hon. Mrs. E. Kenyon. Light primrose; large; semi-hooded form; late.

BLUSH.

No. 990. Sensation. Standard very light pink and buff; wings pure white; hooded.

PINK AND WHITE.

No. 964. Blanche Ferry. Standard bright carmine-rose; wings white tinged with pink; open form.

No. 968. Dainty. White, shaded light pink on edges; hooded form; beautiful.

No. 970. Duchess of Sutherland. White with tint of pink, darker at edges; hooded.

ROSE SHADES.

No. 979. Lord Roseberry. Bright magenta rose with veins of deeper shade; hooded.

No. 983. Mrs. Dugdale. Crimson rose on primrose ground; large; semi-hooded form.

No. 985. Prince of Wales. Rose crimson; large; hooded form; fine.

RED AND SCARLET.

No. 954. King Edward VII. Very large; open form; bright red; splendid.

No. 986. Queen Alexandra. Bright scarlet; semi-hooded form; medium size; very fine.

No. 988. Scarlet Gem. Bright scarlet; medium size; open form.

No. 473. Salopian. Deep rich red. Stands sun well.

BLUE PICOTEE EDGE.

No. 981. Maid of Honor. White shaded with lilac, blue edged; hooded form; very pretty.

MAROON SHADES.

No. 365. Black Knight. Very deep maroon; the darkest variety; large; open form.

No. 963. Black Michael. Pure maroon; a little lighter than Black Knight; open form.

No. 471. Othello. Very dark maroon, showing veins almost black; large; hooded form.

ROSE AND PINK.

No. 991. Sybil Eckford. Standard light salmon and buff; wings buff; open form.

No. 474. Triumph. Rose and crimson pink veined with scarlet rose and crimson; open form.

ORANGE AND SALMON.

No. 972. Evelyn Byatt. Brilliant scarlet orange; open form; medium size.

No. 475. Gorgeous. Standard intense scarlet orange; wings bright rose; open form.

No. 975. Henry Eckford. Beautiful orange yellow; open form; large.

WHITE.

No. 969. Dorothy Eckford. Pure white and large; best of the semi-hooded form.

LAVENDER AND MAUVE.

No. 358. Countess of Radnor. Standard light mauve; wings lavender; hooded form.

No. 465. Lady Grisel Hamilton. Standard mauve; wings very light lavender; hooded form.

No. 984. Mrs. Geo. Higginson, Jr. The clearest delicate blue; hooded form.

ROSY PURPLE SHADES.

No. 496. Captivation. Purple magenta; open form; medium size; somewhat crumpled.

No. 464. Emily Eckford. Rose purple, changing to lilac and blue; hooded form.

BLUE AND PURPLE SHADES.

No. 461. Captain of the Blues. Standard bluish purple; wings blue; hooded form.

No. 967. Countess of Cadogan. Standard purple, changing to lilac and blue; wings bright blue, shading lighter at edges; hooded form; medium size.

No. 973. Flora Norton. Bright, clear blue; open form; medium size.

No. 989. Senator. Standard maroon and violet; wings violet and indigo, both striped on white; large; hooded form; splendid.

PINK SHADES.

No. 962. Agnes Johnson. Pink and buff shaded and blended; open form; medium size.

No. 965. Bolton's Pink. Large, semi-hooded form; salmon pink veined with rose.

No. 966. Countess of Lathom. Cream pink on primrose ground; hooded form.

No. 977. Janet Scott. Clear, deep, bright pink; very distinct; hooded form; large.

No. 980. Lovely. Deep pink shading to light at edges; hooded form; large.

No. 472. Royal Rôbe. Pure pink; medium size; hooded.

STRIPED AND VARIEGATED.

No. 364. America. Crimson scarlet striped on white; open form; large; good.

No. 489. Aurora. Orange rose striped on white; large size; hooded form.

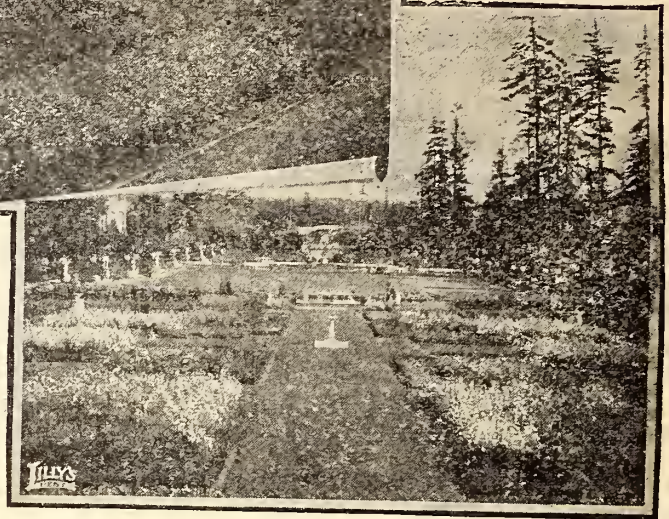
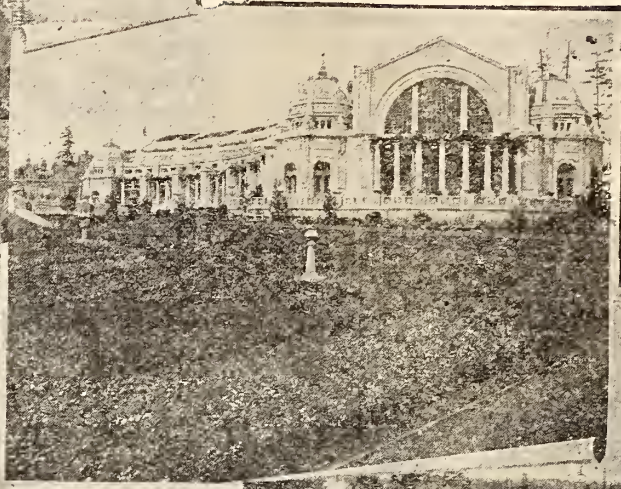
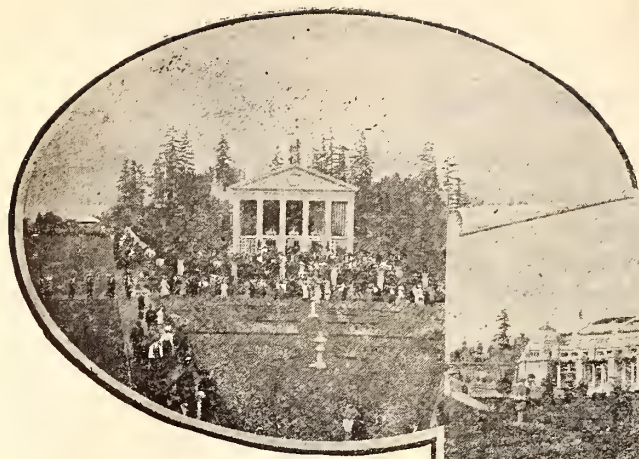
No. 952. Helen Pierce. Pure white veined, mottled and marbled with bright blue; large; hooded form.

No. 987. Ramona. Light pink striped on white; hooded form; large.

Prices: Packet, 5c; ounce, 10c, postpaid.

NONPAREIL

LAWN GRASS



The Splendid Lawns
at the
**Alaska-Yukon-Pacific
Exposition**

Were Grown From

**ILLY'S
BEST** SEEDS

We, the people of the Pacific Coast, are neglecting a splendid opportunity to make our section noted for its beautiful lawns, equal to those of England, which our Eastern States have tried so hard to imitate, without success. Our climate and soil is ideal for perfect lawns, and they will remain green all the year. If you do not make a good start, you can never have a good lawn. If your lawn is unsatisfactory, contains undesirable grasses or weeds, or has made a poor turf, do not try to repair it; turn it under and start over. To get a perfect lawn requires considerable labor and thought, but it is worth all that it costs, for there is nothing quite so satisfactory as a beautiful lawn.

Our Nonpareil Lawn Grass is a mixture of many of the best imported and domestic grasses, early, medium, late, short, tall, bunch and those with creeping roots, scientifically selected to produce a lawn which will be green all the year, form a thick matted turf which will actually be improved by tramping, with roots reaching far into the ground to withstand drought and prevent heaving in winter, and especially adapted to the climate and soils of the Pacific Coast.

As lawns are kept trimmed, and not allowed to go to seed, they will naturally run out in time unless seed is sown on them every two or three years. One pound of Nonpareil is sufficient for about three hundred square feet of new lawn, or half that amount to renew an old lawn.

Sold only in sealed packages. 1-lb. cartons, 25c. Postage, 10c additional. 5-lb. bags, \$1.00; 10-lb. bags, 2.00 25-lb. bags, 5.00

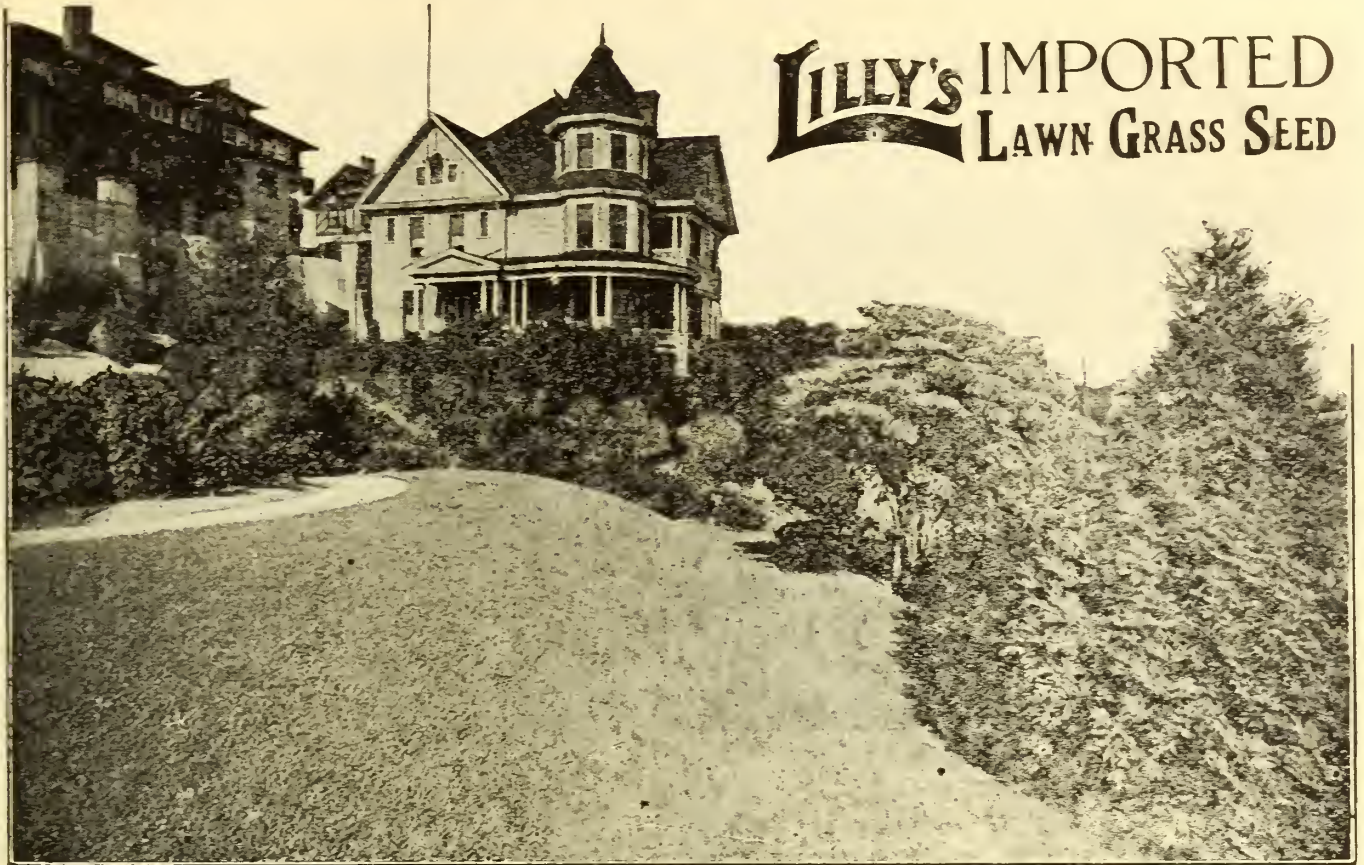
ILLY'S BEST KENTUCKY BLUE GRASS

When sown alone makes a splendid lawn, but requires much more time and labor than our mixture, and is more liable to turn brown in dry weather. Our seed is the very best that can be had from the best growers in Kentucky, is re-cleaned and guaranteed to be free from Canadian Blue Grass and other cheaper grasses. 1-lb. cartons, 35c. Postage, 10c additional. If wanted in larger quantities write for price list.

ILLY'S BEST WHITE CLOVER

This seed is the very best that can be grown, is re-cleaned, and guaranteed to be the best, purest and cleanest seed obtainable; 99% pure. 1-lb. cartons, 35c. Postage, 10c additional. If wanted in larger quantities write for price list.

THE CROP BOOK contains a good article on the making and maintenance of lawns, written by Prof. L. C. Corbett, of the United States Department of Agriculture. It will be furnished free with any order, or to any prospective customers, if requested.



LILLY'S IMPORTED LAWN GRASS SEED

FOR THOSE who wish an EXTRA FANCY LAWN, and are willing to pay for THE BEST SEED THAT MONEY CAN BUY, we have prepared a mixture composed of the CHOICEST IMPORTED GRASS SEEDS, carefully selected as being adapted to conditions on the Pacific Coast, producing a firm, rich, green, velvety turf of uniform color, and which in our climate remains green all the year.

Perfect lawns, such as may be produced in our ideal climate and soil, are entirely too scarce. A

Price, 35c per quart package. If wanted by mail, postage is 10c per package additional.

lawn is permanent, and as little can be done to improve it after it is established, great care should be taken in preparing the soil. As the greatest expense of establishing a perfect lawn is in properly preparing the soil, it is poor economy to sow anything but the very best seed that can be procured.

As the grasses contained in this mixture are not so easily started as the more hardy grasses, we would recommend Nonpareil Lawn Grass for those who do not care to give the lawn the extra care which an especially fine lawn requires.

Read the article on "LAWNS" in The Crop Book

MAKALAWN

Combination of Seeds and Fertilizers Produces Quick Results.

A SCIENTIFIC COMBINATION of choice selected lawn grass seeds and quick acting fertilizers, held in a dormant state until combined with soil and water, when it springs into life immediately, and produces a splendid lawn in an incredibly short time. It is equally good for establishing new lawns or renewing old lawns. Old lawns, on account of being trimmed frequently, the grass not being allowed to go to seed, and the fer-

tility being removed with the clippings, soon die out unless reseeded and fertilized. MAKALAWN is both seed and fertilizer of the highest quality, and it should be applied to lawns each fall or early spring, as there is nothing to compare with it for maintaining and improving a lawn. Five pounds is sufficient for 1,000 square feet of new lawn, or 2,000 square feet of old lawn.

In 5 lb. packages only. Price, \$1.00 per package. Cannot be mailed.

To Maintain a Lawn

A Lawn Mower, Lawn Roller, Lawn Edger, Spray Hose, and Fertilizers are necessary. We have the Best of all of them.

**LILLY'S
BEST**

GRASS AND FIELD SEEDS

TIMOTHY AND CLOVER
5½ TONS TO THE ACRE



It is our desire to call particular attention to the Washington State Pure Seed Law, in effect June 12, 1909.

This law provides that every package or bag of seed, weighing over 1 lb. shall have on the outside, distinctly printed in the English language, the name of the seed, the name and address of the seedsman.

Our customers should be careful in buying seed, that these requirements are complied with. All the seeds put out under the name of The Chas. H. Lilly Company comply with the State Law and the customer buying the seed can, therefore, be sure of getting pure seed. All of our seed is free from wild mustard, quack grass, Canada thistle, dodder, corn cockle and Russian thistle. We strongly recommend that customers who are particularly desirous of getting good seed should send a sample of their seed to the Department of Agriculture at Washington, D. C., or to the State Pure Food Dairy Commissioner of the State of Washington. Do not wait until a month after you have sown the seed and then claim that it was full of weed seeds, but find out before you sow it. We have an expert grass seed tester, who analyzes every sample of seed sent us and every lot of seed as we buy it and we refuse to accept, and do not sell any grass or clover seed but what is reliable and complies with the State Pure Seed Law.

Whenever requested we will be glad to furnish an exact analysis of any particular lot of seed, showing just what foreign matter it contains. We can do this either on seed that we offer for sale or on any sample that is submitted to us.

If you want good seed see that our name appears on the sacks.

"I have had very good results from your seeds so far, and find them the best I have ever used. Have a fine lawn from your Blue Grass seed."


CHAS. BRUMBAUGH,
White Bluffs, Wash.

"I have used your grass seed and have had fine results. It was the nicest and cleanest seed I have ever used."

A. L. GROSS,
Starbuck, Wash.

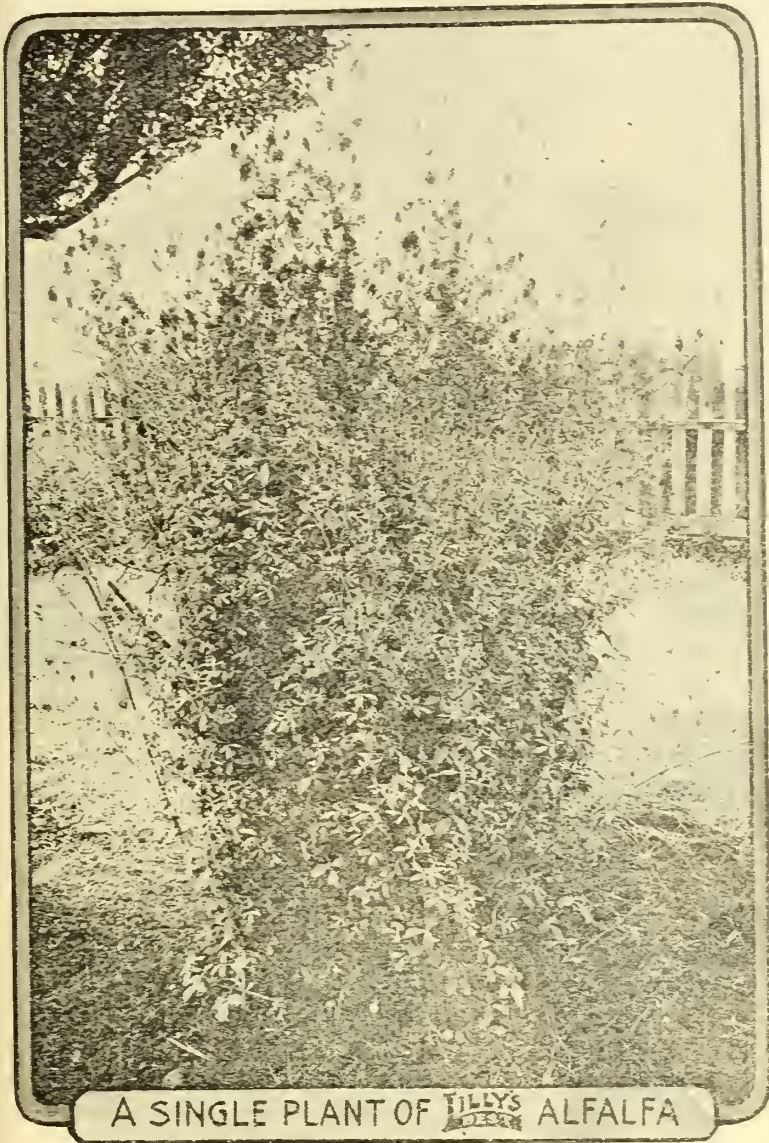
"I am desirous of obtaining Clover, Alsike and Timothy seed to sow about twenty acres of land this spring, and have had great difficulty in obtaining pure seeds, free from poisonous weeds, etc. In order to escape these results I have written to the Bureau of Plant Industry at Washington, D. C., and have been recommended to your firm as one upon which I could rely to get pure seeds free from weeds and other poisonous matters. Please let me have your prices on the seeds named, and also whether or not you guarantee the same. Also let me know if you handle corn seed, and if so your prices, and the kind of corn you would recommend for silage purposes in this section of the country."

O. L. BROWN,
Bellingham, Wash.

ONLY THE VERY BEST SEEDS THAT CAN BE GROWN ARE BRANDED 

ALFALFA

(*Medicago sativa*)



A SINGLE PLANT OF LILLY'S ALFALFA

ALFALFA is the best known and most valuable forage crop for irrigated sections. It is a deep feeder, and will succeed only in soil that has a good proportion of potash and phosphoric acid, such as the lands of eastern Washington, eastern Oregon and the interior of California. It is not necessary that the soil should contain any great amount of nitrogen, for alfalfa, like other legumes, draws nitrogen from the air, thus increasing the fertility of the soil, instead of depleting it. The tap-root goes down ten or fifteen feet, and in some cases has been known to go down fifty or sixty feet.

For prices, see enclosed Price List, or later issues, which will be mailed to you on request.

TURKESTAN ALFALFA

(*Medicago Turkestanica*)

THIS variety is almost identical with *Medicago sativa*, except that it is hardier, and more adapted to very dry land. It was introduced from Central Asia in 1898, by Prof. N. E. Hanson,

under the auspices of the United States Department of Agriculture.

Ask for Price List when ready to order.

It is necessary that alfalfa land should be well drained, for if the tap-root reaches a sub-soil on which water stands, the plant will be drowned out. This accounts for the fact that it cannot be grown successfully, as a rule, west of the Cascades.

The field should be free from weeds before sowing, and if foul, should be summer-fallowed, for it will not pay to go to the expense of trying to establish a field of alfalfa on land that is full of weeds. It is a very vigorous grower, and hard to eradicate after the first year, but the young plants are very tender, and are easily choked out by a nurse crop or rank growth of weeds, so that the seed should be sown without a nurse crop.

The seed should be sown at the rate of eight to fifteen pounds to the acre; we recommend about twelve pounds, for if sown too light, the plants grow too large, and the fodder is coarse. It should not be sown until the ground is warm, and there is no danger of frost.

Alfalfa should be cut when it is coming into bloom, as at that period it contains the greatest food value. A heavier crop may be obtained by cutting later, but the stalks would be woody and less palatable.

Great care should be exercised in buying alfalfa seed, and only the highest grade obtainable should be sown, as it is difficult to get seed which is free from yellow trefoil, sweet clover, and especially dodder. We carry two grades of alfalfa seed, as follows:

Choice Alfalfa, which is a good commercial grade, and which complies with the Washington State Pure Seed Law, is free from wild mustard, Canada thistle and dodder, and is at least 96% good, sound, merchantable seed.

LILLY'S Alfalfa is a fancy grade of seed—absolutely the best to be had on the market; contains 99%, or better, of good, sound seed, and is free from weed seeds. Although the price is a little higher, the difference in cost of seed for an acre is insignificant compared to results, and it is by far the cheaper in the end.

RED CLOVER

(*Trifolium pratense*)

This is known also as medium clover and June Clover. Seed is sown from 12 to 20 lbs. per acre.

In Western Washington and Oregon Red Clover can be sown right after the first rains in the fall or any time in the spring to June 1st. It is called a biennial but on the Pacific Coast it will live for many years, and for the section West of the Cascades is undoubtedly the most valuable of all forage crops.

Hay made from Red Clover contains 12 per cent crude protein and is thus equal to Vetch or Alfalfa Hay.

In buying Red Clover the farmer should be sure to get seed that is free from weed seeds, especially dodder and trefoil.

If you buy seeds in original bags, with our name on them, you can rely on getting pure seed that complies with the Pure Seed Law.

We handle two grades of Red Clover Seed. *Choice Seed* complies with the Washington Pure Seed Law, which calls for 92 per cent of sound good seed, thus allowing 8 per cent of sand, dirt, chaff or other foreign substances.

Lilly's Best grade of Red Clover is 99 per cent pure, sound Red Clover seed and we always recommend planting it, even though it costs one or two cents a pound more. Of all Clover Seed on the market only a very small percentage is good enough to make **LILLY'S BEST** Red Clover. Dirty seed cannot be cleaned enough to make it 99 per cent pure consequently we cannot always get seed good enough for this grade, but we always try to have it in stock and if the seed is not sufficiently pure to make **LILLY'S BEST** we have to tell our customers we are out of it;

For prices on Red Clover see Price List enclosed, or later issues, which will be mailed to you on request.

WHITE CLOVER

(*Trifolium repens*).

This is also called White Dutch Clover and is the same as the Irish Shamrock. It is a perennial plant, making growth of from four to ten inches, according to the land on which it is planted. It is an excellent plant for lawns as it will grow under almost any conditions, is easy to start and will make a nice lawn within six weeks from the time of planting. It will grow on almost any kind of soil and in the deep shade or the brightest sunshine. In sowing lawns it is always advisable to use grass seeds with the white clover, as after about two years the clover will become ragged if sown alone. White clover is also excellent for pastures, especially in Western Oregon and the Puget Sound region. It produces a forage that is well liked by all stock, is sweet, very nutritious and makes lots of milk. For pastures it should be sown at the rate of 6 to 8 lbs. to the acre in addition to other grasses. It makes a good mixture with Italian Rye Grass, Orchard Grass and Red Top. In sowing large lawns or parks use from 25 to 100 lbs. per acre. The more seed the better the turf and finer lawn you will have.

We carry in stock two grades of White Clover, as follows:

CHOICE SEED, which is a good commercial grade of seed, suitable for pastures and meadows and which we guarantee to comply with the State Pure Seed Law.

LILLY'S BEST WHITE CLOVER is an extra fancy grade, guaranteed 99% pure, sound seed, free from admixture of other grasses or weed seeds, and which we always recommend for using on lawns.

PRICES—See Price List enclosed, or later issues.



If clover will grow on your land it will draw nitrogen from the atmosphere and distribute it in the soil, thus being a valuable fertilizer, but if the soil is seriously deficient in nitrogen, clover will not start readily, and you should use Nitro-Culture, a scientific discovery developed by the United States Department of Agriculture, forming germs that produce the nitrogen gathering nodules on the roots of leguminous plants described elsewhere in this catalog.

OUR GRASS SEEDS ARE THE BEST THAT CAN BE GROWN.



Mammoth Red Clover

(*Trifolium Medium*)

This variety grows five or six feet high, is so coarse that it is of little use for forage, and is used almost exclusively as a soiling crop, to be plowed under, for which purpose it is valuable on account of its deep-rooting habits and its ability, as with other legumes, of drawing nitrogen from the atmosphere and distributing it in the soil. ●

Sow 12 to 20 lbs. to the acre.

PRICES—See Price List enclosed, or later issues.

ALSYKE

(*Trifolium hybridum*).

This clover is especially useful on land that is too low or wet for Red Clover. We do not advise sowing it where Red Clover will make a good crop, but consider it as the next best clover on wet soils, as it will stand almost any amount of moisture and is good both in pasture and hay mixtures. It is a perennial and makes a growth about two-thirds the size of Red Clover. It will not stand a great deal of dry weather on account of its shallow rooting system and is not as well liked by stock as either White Clover or Red Clover. It is valuable for a honey plant.

In buying the seed care should be taken to see that it is free from weed seeds, especially dodder. The seed oftentimes contains a great deal of sorrel, which, being about the same size, is hard to separate and quite often contains timothy and White Clover. The two latter, of course, are not injurious.

Our Alsyke seed we guarantee is pure, according to the State Seed Law and in buying seed if you get it in our bags you may be sure of getting good seed. We put up two grades. Choice seed, which is a good commercial quality, and Lilly's Best, which we guarantee to be 99% pure, sound seeds, and if not satisfactory when received it may be returned to us at our expense.

Six to ten pounds is sufficient for an acre.

PRICES—See Price List which will be mailed to you on request.

Crimson Clover

(*Trifolium incarnatum*)

Crimson Clover is an annual, useful principally as a cover crop to prevent winter rains washing the land. It does not succeed well north of Portland, but can be grown fairly well in Willamette Valley and very successfully in California. However we have some other plants that are more successful, as, for instance, the vetches, which make a larger growth, are easier to start and which are cheap, so that we do not advise the planting of Crimson Clover on the Pacific Coast, except in rare instances.

We carry only one grade of Crimson Clover seed, which we guarantee to comply with the State Pure Seed Law. Sow 12 to 20 lbs. per acre.

For prices see our quotation sheet enclosed, or later issues.

THE DIFFERENCE IN PRICE IS INSIGNIFICANT COMPARED TO THE CROPS PRODUCED

TIMOTHY

(*Phleum pratense*)

The best known of all grasses and one of the most valuable, especially where hay is being produced for the market, as timothy hay brings the highest price if well cured.

It succeeds best on moist loam or clay. On very dry ground the yield is apt to be light. If growing timothy hay for market timothy should be sown alone at the rate of about 18 lbs. to 25 lbs. to the acre, but if sowing for home use we strongly advise mixing some other seed with the timothy, as it makes better pasture and better hay.

Red clover with timothy makes an excellent mixture, or it can be used with alsyke if the ground is very wet.

Timothy seed, being a comparatively low-priced seed and a vigorous grower, is more apt to be clean than such seed as clover; also it is easier to notice any impurities in timothy seed than it is in clover seed.

We carry in stock two grades of timothy, as follows:

CHOICE TIMOTHY which complies with the Pure Seed Law as regards purity and is a good commercial grade, free from any bad weed seeds.

LILLY'S BEST TIMOTHY is obtained from mountain sections where it is usually grown on new land that is free from all weed seeds. Lilly's Best timothy is doubly cleaned, is of high germination and is 99% pure, sound seed.

It is guaranteed to give satisfaction and any one receiving a sack of it, if not perfectly satisfactory, may return at our expense. Lilly's Best is the very highest grade of timothy seed obtainable and it will cost probably 10c to 25c per acre more to use this seed than to use common grades, but will repay the careful farmer.

For prices see list enclosed, or later issues which will be mailed to you on request.



KENTUCKY BLUE GRASS

(*Poa pratensis*).

Kentucky Blue Grass is one of the best known lawn grasses and is also valuable in the pasture lands of Western Washington and Oregon. In making a lawn Kentucky Blue Grass makes a good firm sod and can be sown either alone or in a mixture with other grass. It grows rather slowly at the start and there is, therefore, an advantage in mixing it with other quicker growing grasses. It is rather a shallow rooter and on lawns that are made on gravelly soil, high and dry, it is best to have some other grass with it. Many of the imported grasses, such as fine-leaved Fescue, and Creeping Bent, mixed with Kentucky Blue Grass add very much to the beauty of the lawn. Kentucky Blue Grass and White Clover can be sown together in about two-thirds of Blue grass to one-third of White Clover. The clover will come up quickly, making a fairly good lawn the first year and will protect the Blue Grass. After a year or so the Blue Grass will develop a solid turf and will gradually clean out the White Clover, leaving a pure Blue Grass lawn. For lawn purposes it requires about 1 lb. of seed to 300 square feet, and the heavier sowing the better lawn will be produced. Remember that in sowing a lawn the weeds and grass which you spade under stand a good deal better chance of growing than the seed which you are sowing, and it will, therefore, pay you to keep the ground sprinkled and cultivated several months before sowing the lawn, thus getting rid of a good proportion of weeds that are in the soil. This is easier than pulling them out of the lawn afterwards. Blue Grass should be covered only very lightly. If buried too deeply it will not come up. The best way is to rake the ground, sow the seed on a very quiet day when the wind is not blowing, and then roll the ground. The rolling will cover the seed sufficiently without any breaking. If the seed is sown during the hot summer months it will be necessary to shade the ground somewhat with brush or excelsior. Do not use straw or hay that contains too many weed seeds. Kentucky Blue Grass for pasture should be sown about 20 lbs. to the acre. We would not recommend sowing it alone, but it is a very useful addition to pasture mixture. We get our Kentucky Blue Grass direct from Kentucky in car lots. All the seed we handle complies with the State Pure Seed Law and is free from Canadian Blue Grass, Red Top or other seeds or foreign substance prohibited by the Pure Seed Law.

PRICES—See Price List enclosed, or later issues which will be furnished on request.

BE SURE TO BUY SEEDS WHICH COMPLY WITH THE PURE SEED LAW.

PERENNIAL RYE GRASS

(*Lolium perenne*).

Also very generally known as English Rye Grass. Also the same thing grown largely in Australia and known to the trade as Australian Rye Grass.

It has been very largely used on the Pacific Coast, especially during the last few years, and for the territory west of the Cascade Mountains is an exceedingly valuable plant, as the climate here is especially well adapted to its growth. It prefers a moist and rich loam or clay but will grow and do well in almost any locality and almost any kind of soil. It is better used in a mixture with other grasses and it produces both hay and pasture, as the grass is of high feeding value. It should be sown about 30 lbs. to the acre when sown alone or the same proportion with other grasses. We handle only choice seed, which we guarantee to comply with the State Pure Seed Law. For prices see enclosed list, or later issues.

ITALIAN RYE GRASS

(*Lolium Italicum*).

This grass is only supposed to live about two season, but in Western Washington and Western Oregon it will re-seed itself and will last almost indefinitely. We consider it one of the most valuable pasture grasses for the Pacific Coast, as it makes a quantity of green feed late in the season after the other grasses are passed their prime. After being cut down it makes a very rapid growth and will produce more green pasture in mid-summer than any other grass we know of.

In Europe it is considered as an excellent hay grass and produces a dense turf and is well liked by all kinds of stock. It is one of the best grasses for soiling. Should be sown about 30 lbs. to the acre. Is a valuable grass for sowing on logged-off lands or burns and may be planted either in the Fall or Spring. We handle only a choice grade of Italian Rye Grass, which we guarantee to comply with the State Pure Seed Law, and which we import direct from Australia where the best seed is grown.

For prices see list enclosed, or later issues which will be furnished on request.

MEADOW FESCUE (*Festuca pratensis*).

This is a valuable grass for use in pastures in a mixture with other grasses. It grows three to four feet high, yields a large amount of hay of excellent quality and is productive on soils which are thin and dry, although it does much better on good soil. It will stand a great deal of abuse and being of long duration is especially valuable for permanent pastures.

It should be sown at the rate of about 20 lbs. to the acre if alone, or in the same proportion if sown with other grasses. The seed of meadow Fescue is very similar in appearance to that of English Rye Grass. In fact it is almost impossible to tell the difference except with a glass. We carry only one grade of Meadow Fescue, which is choice seed and is fully guaranteed to comply with the requirements of the State Pure Seed Law.

For prices, see enclosed Price List, or later issues.

FINE-LEAVED FESCUE (*Festuca tenuifolia*).

Grows only 15 to 20 inches high, in small tufts, with few stems, but a large amount of bottom foliage. It will grow on very dry and inferior soils, and its dwarf habit and fineness of leaf render it not unsuitable for dry slopes on lawns. Sow 30 lbs. to the acre. For prices, see enclosed Price List.

SHEEP'S FESCUE (*Festuca ovina*).

Grows 20 to 25 inches high, 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 "bunch grass," it may be included in lawn mixtures on account of its fine foliage and dwarf, dense growth. Sow 35 lbs. to the acre.

For prices, see enclosed Price List, or later issues.

HARD FESCUE (*Festuca duriuscula*).

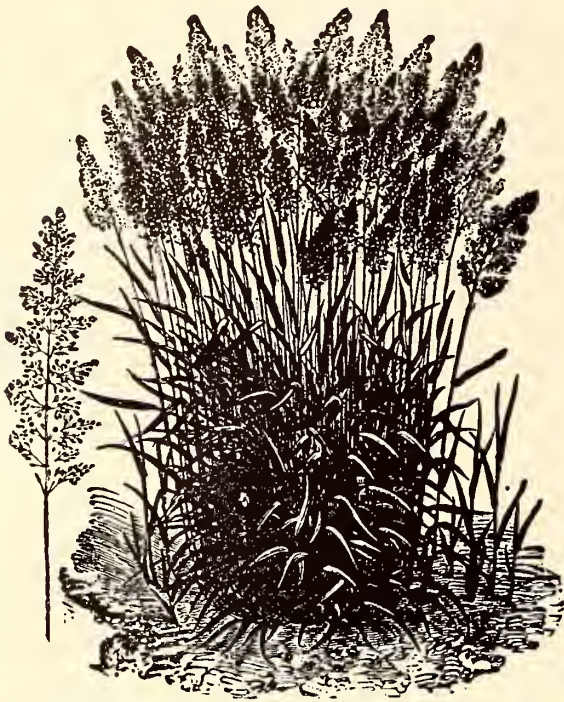
This is a variety of *Festuca ovina*, dwarfer and less vigorous in growth. It is emphatically a grass for dry lands, doing well on sandy and shallow silicious soils. For permanent pastures on poor lands it is especially valuable; may also be used in meadow mixtures for well manured clay soils. Not recommended for lawns. Height 1 to 2 feet. Sow 30 lbs. to the acre. For prices, see enclosed Price List.

RED, or CREEPING FESCUE (*Festuca rubra*).

A creeping rooted species, forming a close and lasting turf. It resists extreme drought, and thrives on very inferior soils, gravelly banks and exposed hillsides. Valuable for binding shifting sands and for shady places in lawns. Grows 25 to 30 inches high. Sow 30 lbs. to the acre. See Price List for prices.

RED TOP

(Agrostis vulgaris).



For prices see list enclosed, or later issues.

Sometimes called herds grass. This is a perennial, useful in moist situations wherever other grasses will not grow. In fact, it does well only where there is considerable moisture in the soil. It is rather a hard grass to start, but when once you have a stand it produces one of the best permanent pastures, and makes a very fine turf, and an excellent feed. It is generally mixed with other grasses or clover, usually Timothy, White Clover and Alsike. It makes a fair grade of hay, and, as stated above, an excellent pasture.

Red Top is sold in two forms—solid seed and seed in chaff. The latter is just as good as the former only that there are not so many seeds to the pound by about half. We would recommend using the solid seed that is free from chaff, as it is easier to sow and does not cost any more per acre than seed in chaff. All our Red Top we guarantee to comply with the State Pure Seed Law. If sown alone use 30 lbs. of the solid seed, or 60 lbs. of the seed in chaff, to the acre.

TALL MEADOW OAT GRASS

(Avena elatior).

This is a perennial grass, growing from two to four feet high. In Europe it is regarded as one of the best meadow grasses, but not recommended for pastures. It is regarded in California as a very valuable grass and is very successful in Eastern Washington, as it has a deep rooting system and withstands drought. It makes a compact turf, grows rapidly, blooms early and makes a good hay. It thrives best on loamy sands or on loam. It produces a large yield of hay and on good soils three or four cuts may be obtained during a season. The hay is well liked by all stock.

It should be sown in a mixture with other grasses. If sown alone, sow 40 or 50 lbs., otherwise about 25 or 30 lbs. to the acre. It has not been extensively grown in Washington and Oregon and deserves trial in a great many places where it would be found very useful. Our Tall Oat Grass is choice stock and is fully guaranteed to comply with the State Pure Seed Law.

For prices, see enclosed Price List, or future issues, which will be furnished on request.

CREEPING BENT, or FLORIN

(Agrostis stolonifera).

The distinctive feature of this species is its compact, creeping, rooting stems. Although it prefers a moist soil it will stand considerable drought. It is of rapid growth and spreading habit, forming a strong and enduring turf that is positively improved by constant tramping, which together with its fine texture and deep green color makes it one of the very best lawn grasses. It is included in all of the best lawn mixtures. Also very valuable in pasture mixtures. Height 20 to 25 inches. If sown alone use about 50 lbs. to the acre. Price List will be furnished on request.

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 tramping 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 drought and the most intense heat.

For prices, see enclosed Price List, or later issues.

REED CANARY GRASS

(Phalaris arundinacea).

A very hardy perennial, preferring stiff, wet land. Grows well in ditches and by river-sides, where its long creeping rootstalks render it valuable for binding the banks. Its seed affords food for trout and wild fowl. When young it may be cut for green forage for cattle. One of the very few grasses that will live on overflowed land. Grows six feet high. Sow 40 lbs. to the acre.

For prices see enclosed Price List, or later issues, which will be furnished on request.

DON'T PLANT WEED SEED. CHEAP SEED IS POOR ECONOMY.



Canadian Blue Grass is of the same general family as Kentucky Blue Grass, only it is somewhat different in habit of growth and in texture. The seed is almost identical with Kentucky Blue Grass—in fact one cannot tell the difference without a good glass. It is coarse and has a larger leaf than Kentucky Blue Grass and in a good many instances is more valuable. It makes an exceedingly strong turf, as it has extensive creeping root stocks. It is a more decided blue in color, has strongly flattened stem and lower habit of growth, and will grow in a great many varieties of soil and in many places where Kentucky Blue Grass will not thrive.

It is particularly valuable on thin or poor land or dry soil, of course making a better yield on good land. It makes a valuable addition to dairy pastures as cows feeding on it yield the richest milk and finest butter. It grows sufficiently tall for hay and as it is a hard grass and shrinks very little in drying, the hay is heavy in proportion to its bulk. It should be more largely used than it is, as it is well adapted to the gravelly land of Western Washington and Oregon. The seed is generally very reasonable in price. For pasture sow about 20 lbs. to the acre, and for lawns 1 lb. to about 300 square feet.

For pre eat prices see current Price List enclosed.

SWEET VERNAL, True Perennial

(*Anthoxanthum odoratum*).

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 Fall. For meadows its chief merit is the fragrant odor, sweetening the hay. It is a condiment, rather than a grass of much nutritive value. Sow 2 to 3 lbs. to the acre with other seeds.

See Price List for prices.

SWEET VERNAL, Annual

(*Anthoxanthum odoratum*, *Puelli*).

An annual, entirely distinct from the perennial. Of little agricultural value.

For prices, see Price List.

BROME GRASS

(*Bromus inermis*)

Also known as Smooth Brome Grass and Russian Brome Grass.

This has been highly praised and exploited during the last few years, and for certain locations it is certainly a very valuable grass, but we would not advise using it in Western Washington, or Western Oregon, as there are a number of other grasses that are more useful. In the semi-arid regions of the Northwest it is a very useful grass as it requires but little moisture and quickly makes a thick, firm turf. It seems to stand an almost unlimited amount of dry weather and it thrives well on dry, loose soils, but of course will give a greater yield on better soils. It is not as high in feeding value as many other grasses and is somewhat difficult to eradicate when once established. It makes a fairly good pasture and grows tall enough to cut for hay. Sow 35 to 40 lbs. per acre.

PRICES—See Price List enclosed, or later issues, which will be furnished on request.

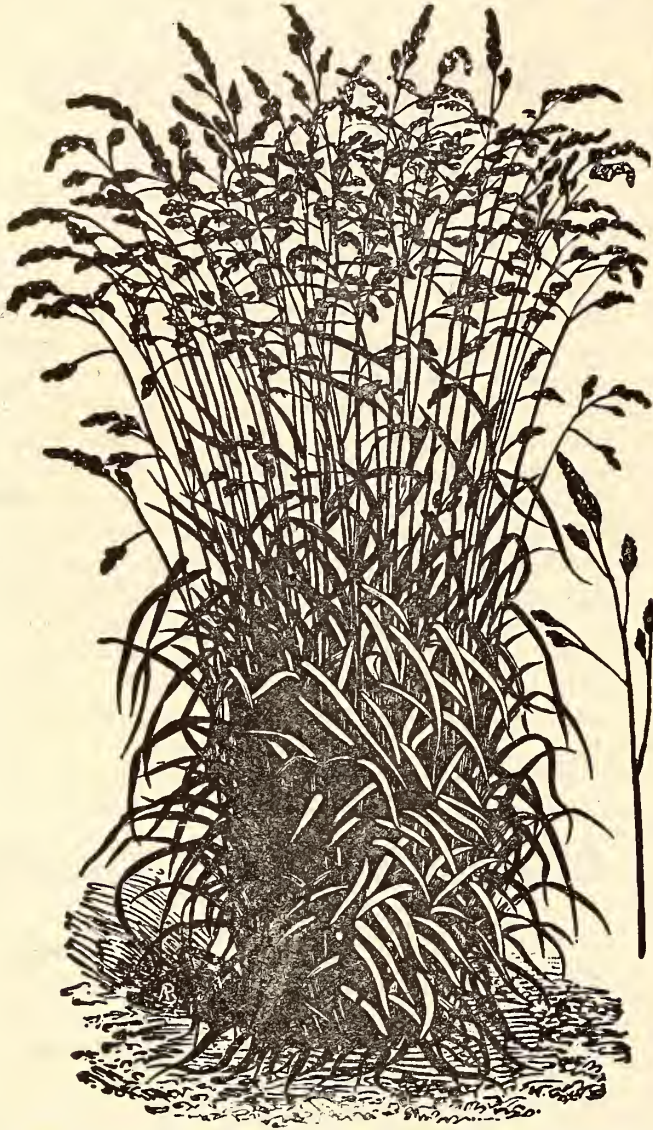
CANADIAN BLUE GRASS

(*Poa Compressa*).

Many people have a wrong idea in regard to Canadian Blue Grass, thinking that it is the same thing as Kentucky Blue Grass, only grown in Canada instead of in Kentucky. Other people think that it is a worthless grass.

ORCHARD GRASS

(*Dactylis glomerata*).



This is one of our most useful grasses, especially in pastures. In fact no pasture mixture is complete without Orchard Grass, as it comes very early in the year and gives an abundance of succulent feed before any other grass. It will grow in many shady places where other grass will not make satisfactory growth. Orchard Grass is also used oftentimes for hay. It makes a good hay if cut at the right period, but the greatest objection to it, especially in the Willamette Valley and the Puget Sound country, is that it matures too early in the year before there is sufficient bright weather for hay. It also is objectionable in a hay mixture because it matures before the other grasses do, but for a pasture grass and to sow on burns it cannot be excelled. It is not advisable to sow it alone as it grows in clumps or tufts and if sown without other grasses these tufts pull out easily when the stock is grazing and much of the pasture is thus destroyed, but by mixing some of the other deep-rooted grasses with it, it forms a solid turf which will stand much abuse and the Orchard Grass will come in early while, for instance, Italian Rye Grass would come in during the middle of the summer and Red Top would make a late Fall pasture.

There is a great deal of Orchard Grass on the market that is mixed with Rye Grass and Mes-

quite or Velvet Grass. It is very hard to tell a mixture of 50% unless careful examination is made, therefore it does not pay to buy cheap Orchard Grass, as it usually is a great deal more expensive than to buy the best.

Lilly's Best Orchard Grass complies with the State Pure Seed Law and we guarantee it free from cheaper grass and weed seeds. Sow 40 to 60 lbs. to the acre.

For prices, see enclosed Price List, or later issues.

JOHNSON GRASS (*Sorghum halepense*).

A perennial of luxuriant growth. Has strong roots that penetrate to a considerable depth, enabling it to stand a hot dry climate. It belongs to the Sorghum family and is sweet and nutritious and much relished by stock. Is of no use in the Northwest, and its sale is prohibited in California, on account of its spreading habit and the difficulty of eradicating it.

For prices, see enclosed Price List, or later issues.

MESQUITE

MEADOW SOFT GRASS, or VELVET GRASS (*Holcus lanatus*).

Of little agricultural value, except for pastures on light sandy or marshy soil where other grasses will not thrive. It is not relished by stock, and on account of its spreading habit and difficult eradication is liable to become a nuisance.

For prices see Price List.

CHEAT (*Bromus secalinus*).

An annual grass, valuable for low lands. Can be planted in either Fall or Spring. When cut for hay it should be harvested before it gets too ripe. Sow about 100 lbs. to the acre.

For prices, see enclosed Price List, or later issues.

OUR GRASS SEEDS ARE THE BEST THAT CAN BE GROWN.

**LILLY'S
BEST**

GRASS MIXTURES



WHY A MIXTURE SHOULD BE SOWN

Whether for hay or 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. The 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 to fill the spaces and make a compact 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, to furnish continual grazing the entire season.

HOW TO SOW

LILLY'S BEST PASTURE MIXTURE will produce one good crop of hay each season, and can then be pastured the balance of the year. Before being sown it should be thoroughly stirred, as the heavy seed will settle to the bottom during transit. At least 20 lbs. should be sown to the acre, and twice that amount will give better results. Although this mixture will do well if 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.

In ordering, be sure to state whether you want **No. 1, for wet bottom lands; No. 2, for dry uplands and burns west of the Cascades; or No. 3, for dry sandy soil east of the Cascades.**

LILLY'S BEST HAY MIXTURE has the same good qualities as the Pasture Mixture, but the grasses are used that are tall growing, and all mature about the same time.

In ordering be sure to state whether you want **No. 1 HAY MIXTURE, for wet bottom lands; No. 2, for uplands, heavy soil; or No. 3, for dry uplands, light sandy soil.** Sow 20 to 30 lbs. to the acre.

These seeds are carefully selected, both for purity of the individual varieties and for the mixtures which will give the very best results, and they comply strictly with the Pure Seed Law.

PRICES

Prices fluctuate, so that we are unable to make prices which will be good all the year without making them high enough to cover any possible advance. We publish a Price List from time to time, which will be mailed to you on request.

ALL OF OUR SEEDS COMPLY STRICTLY WITH THE PURE SEED LAW

LILLY'S BEST WHEAT

The Washington Agricultural Experiment Station, realizing the necessity of maintaining and improving the standard, in order to hold the place which we have attained in the world's markets, have, after several years experimenting and testing, produced a few new hybrids which they consider improvements over the old varieties; among these are the following:

HYBRID NO. 108. A cross between Winter Fife and Little Club, retaining the good points of each. Makes a rank, early growth, with very wide leaves. The grain is almost globular; color, light red. It has not yet been grown in large quantities, but indications are that it will be a heavy yielder.

HYBRID NO. 123. Another cross between Winter Fife and Little Club, growing to medium height, with a stiff straw, carrying the head erect. The head is of a very compact Club style, beardless and non-shattering. Where there is a fairly good rainfall this wheat is a very heavy yielder, and is quite early, usually escaping the early hot, dry spells that so frequently injure the yield of later wheats. The grain is of good quality; color, red.

The Washington Agricultural Experiment Station, Pullman, Wash., will furnish Popular Bulletin No. 9, describing these wheats, on request.

PEDIGREE BLUE STEM. A wheat that will always heavily, not only here in the Northwest, but anywhere and under all conditions. The heads are large, plump and well filled. The kernel is hard and the plant stools freely.

GIANT SPRING WHEAT. This is selected by us, and is the heaviest yielding wheat in the world. It is semi-hard and can be grown in any section. It is very early, making it doubly valuable. Flour made from this wheat is rich in gluten, which alone is enough to recommend it to the wheat grower.

KUBANKA DURUM, or MACARONI WHEAT. This wheat has proved beyond a doubt that it is possible to harvest a bumper crop on land that has been considered too dry for a crop of ordinary wheat. It will thrive in ten inches of rainfall and yield fifty per cent more than ordinary wheat, giving the best results on new land. Besides being in big demand by the manufacturers of macaroni, vermicella, etc., macaroni flour makes a nutritious bread, and as a stock food is rapidly coming to the front because it contains a large percentage of protein. Macaroni wheat should thoroughly ripen before threshing, and the threshing be done from the shock, if possible.

CORN WHEAT. This produces a good crop on light, poor soil. It is more especially adapted to the country east of the Cascades, but on light, semi-arid soil will produce more and better hog feed than any other grain except corn. It can be grown in those sections where corn will not thrive.

PRICES.

As prices fluctuate, we cannot publish a price which will be good the entire season, so that we print a **PRICE LIST** from time to time, as occasion demands, which we will mail to you on request.



OUR SEEDS COMPLY WITH THE PURE SEED LAW.

You cannot grow bumper crops of both Oats and Wild Mustard on the same land at the same time. LILLY'S BEST Weed Killer (Sulphate of Iron) will kill the mustard, and will not injure the oats. Ask us about it.

LILLY'S BEST OATS

DANISH GIANT OATS—THE FINEST OATS EVER GROWN. Imported by us from Denmark, where they were perfected by Prof. Wibolt, the most celebrated seed grower in Europe. It is undoubtedly the best variety for the Northwest, where the seasons are cold and short. It is very productive. The grains are plump, thick hulled, and of a bright yellow color, often three grains in a spike, and distributed around the entire head. The stalks are from four to six feet tall, and being extraordinarily stiff and heavy, do not lodge, nor does the grain fall off during stormy weather. It is an excellent variety to sow with field peas or vetches for ensilage.

AMERICAN BANNER OATS. A popular variety of White Oats. Stands up well in wet weather and has a short kernel, plump and light yellow in color.

ELDORADO KING OATS. A money-maker, yielding 116 bushels per acre on an average; always yields a bumper crop. Rust proof. It is an early variety with very stiff stalk supporting long and heavy heads that stand freely and yield abundantly. The hulls are very thin, soft, and slip the berry easily, making it the best variety for milling.

OREGON GRAY WINTER OATS. A gray oat; very hardy; used almost exclusively for fall planting; splendid to sow with vetches.

PRICES. See Price List enclosed herewith, or later issues which will be mailed to you on request.

Please find \$5.50 enclosed for which please send me two more sacks of your Danish Giant Oats. I had the best oats last year that I saw in the country.
CHARLES E. NORTHUP,
Leavenworth, Wash.

The oats I bought from your company this year have yielded splendid results. They went 75 bushels to the acre, were clean, and good grain.
P. A. McNAMARA,

Sequim, Wash.
The Eldorado King Oats are fine, over four feet tall, and heading splendidly. Used formaldehyde, and haven't a trace of smut.
A. P. WHITE,

Marblemount, Wash.
We have used three sacks of your oats, and have found them just what you claimed them to be: as near perfect as any we have used.
T. EBING,
Birdsview, Wash.



LILLY'S Barley

WHITE HULLESS BARLEY

For prices-
see enclosed Price
List, or later issues
which will be sent
to you on request.



BARLEY is one of the very best stock foods, either as grain or hay, but many farmers will not grow it on account of the long, stiff beards. White Hulless Barley is entirely beardless, as shown in accompanying half-tone, and when threshed, is hulless, like wheat, to which the large, plump, hard grain is very similar. It produces 35 to 80 bushels of grain per acre, and for work-horses, three quarts are equal to six quarts of oats. It is better than corn for hogs and poultry. This variety is very early, maturing in from sixty to ninety days, and it may be sown as late as the first of July, provided there is moisture enough to mature it, making it a valuable catch-crop. If sown in September, it will ripen about the last of June. May be sown in either spring or fall. Only 100 lbs. of seed is required per acre.

BEARDLESS BARLEY.

Very early, and free from beards; makes splendid hay for work-horses. It is sometimes impossible to get seed which is absolutely true, and it is liable to produce a small percentage of bearded heads.

HANNA TWO-ROWED BARLEY.

A popular variety, highly recommended by Mr. Guy McL. Richards, of the famous Beach View Farm of Oak Harbor, who claims that it out-yields other barleys 25 per cent.

COMMON BARLEY.

Specially selected and re-cleaned seed. We will be pleased to furnish samples on request.

RYE

RYE is a valuable and hardy crop, providing green fodder in early spring or late fall. It is considered preferable to wheat, because it is hardier, protects the young grass, matures before other crops come in, and may be sown on soil too poor for other cereals. It is splendid to sow with vetches or field peas.

RUSSIAN RYE.

This extra heavy winter variety ripens before wheat, and yields a heavier crop than any other variety known. The composition of the grain is very similar to wheat, and is very good for hog feed. Our Russian Rye is specially re-cleaned seed, and only the largest and heaviest kernels are saved.

WINTER RYE.

The variety generally grown for grain, grain hay, straw, or green forage. Our stock is fine, re-cleaned seed, plump and full.

SPRING RYE.

A valuable grain as a catch-crop, especially with vetches or field peas. Specially re-cleaned seed.

DO NOT BUY **LILLY'S BEST** FERTILIZERS unless they will increase your crops more than enough to pay the cost. They are not "cure-alls"; they may not be what your soil requires. Do a little experimenting before ordering large quantities. Study The Crop Book.

LILLY'S
BEST

Pedigree Field CORN NORTHERN GROWN

Several years ago we selected four varieties of corn best suited to the Northwest, acclimated them in this country, and grew seed north of the 47th parallel, producing corn which will mature on the Pacific Coast, and we confidently believe that corn will become to the farmer of the Pacific Coast as valuable a crop as it is to the farmer of Illinois. The following letters prove that it can be grown here successfully:

"I will say that for seeds of ordinary farm crops, with the possible exception of certain varieties of wheat, there is no doubt that seeds grown in the Pacific Northwest are the equal of those grown anywhere in the country, and for planting in that section I regard them as better. This is especially true of corn. Generally speaking, corn seed brought from the East does not do as well in the Pacific Northwest for the first two or three years after it is introduced as it does afterwards."

W. J. SPILLMAN,

Agriculturist, Dept. of Agriculture, Washington, D. C.

"We have great faith in growing corn in Northern Idaho. As a fodder crop I consider corn to be one of the most important crops that can be grown, and we have not failed to secure a good yield during the last six years."

PROF. HIRAM T. FRENCH,

Agriculturist, University of Idaho.

"There is no question about the practicability of growing forage corn in nearly all the arable lands of the Pacific Coast."

JAMES WITHYCOMBE,

Director, Oregon Agricultural College.

"We are pleased with the corn seed. Some grew ten feet tall, and we have enough for this year, too. Your Pride of the North did best."

RICKENBACHER BROS.,

Pioneer Dairy, Box 88, Bellingham, Wash.

"I will send in a day or two a sample of your Northern Corn grown in this locality. The shortest bunch was taken from a ten-acre field that ran 80 bushels to the acre, while the taller ones were taken from a trial field of two acres and ran 90 bushels to the acre. At this time nearly all the farmers are raising corn in more or less quantities with good success where any care is given the field during the growing season."

FRED H. BURNS, Liberal, Oregon.

GOLDEN NUGGET An early yellow dent corn.

TRIUMPH An early yellow flint corn.

WHITE RUSTLER The earliest white dent corn.

NORTHWESTERN RED Very early red dent.

LEAMING IMPROVED. Large, early yellow dent.

CHAMPION WHITE PEARL. Large, late white variety; popular as a fodder corn.

IOWA GOLD MINE. Golden yellow dent. Best in Canada and Middle West, and will become a success on the Coast.

EARLY CANADA. A yellow flint variety adapted to the section west of the Cascades.

PRIDE OF THE NORTH. An old standard dent corn; successfully grown in Washington and Oregon.

KING PHILIP. An early red flint corn, well acclimated and a general favorite.

SANFORD WHITE FLINT. An early and productive white flint variety of beautiful appearance.

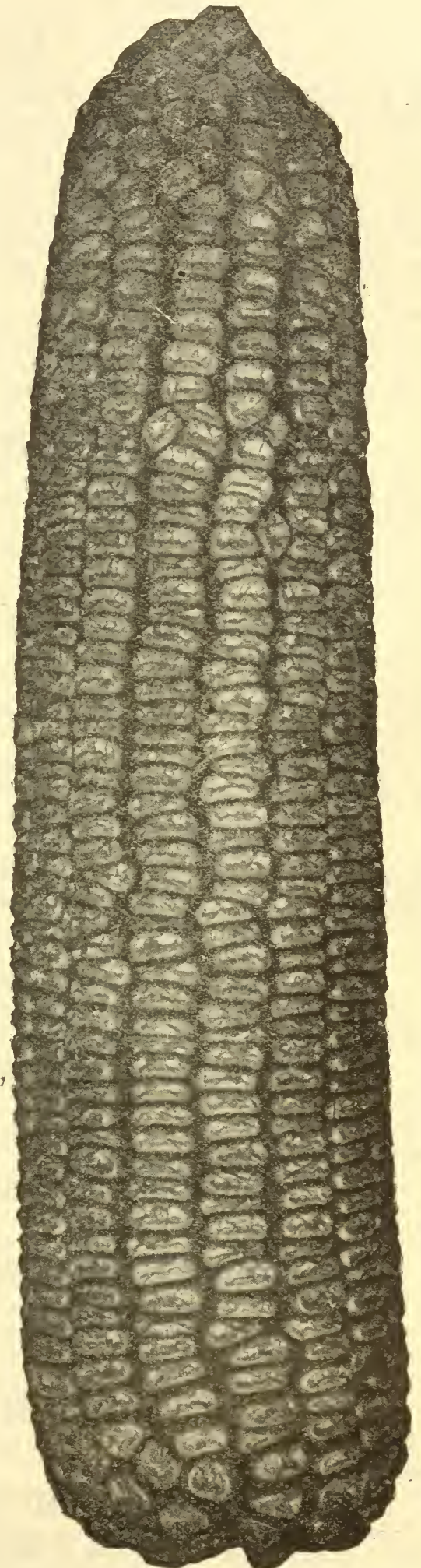
FODDER CORN.

SWEET FODDER CORN. Especially adapted for use in the silo.

RED COB ENSILAGE CORN. An early red cob sweet corn, producing an abundance of stalks.

PRICES.

See Price List enclosed, or later issues which will be furnished on request.



CORN CAN BE GROWN SUCCESSFULLY ON THE PACIFIC COAST

VETCHES

VETCH is one of the most valuable crops in the Northwest, either for hay, silage, pasture, soiling, green manure or for a cover crop. It is equal to alfalfa in food value, and is consumed with less waste. As vetch is a legume, it draws nitrogen from the air, and distributes it in the soil, making it of great value as a fertilizer, in addition to its food value. It is relished by all stock, and is especially valuable for dairy cattle.

Complete cultural directions are contained in The Crop Book, which will be furnished free with any order, or to prospective buyers.

Field Peas

ANOTHER valuable crop on the Pacific Coast, for an early crop of hay, to feed green to dairy cattle, or for ensilage; also splendid for hogs. Should be sown very early in spring, with oats as a support. Cultural directions in The Crop Book.

CANADIAN FIELD PEAS.

The most popular variety, grown very extensively in the Northwest. Makes splendid hay, ensilage or green feed, and is excellent to turn under for green manure.

For prices, see enclosed Price List, or later issues, which will be mailed on request.

Millet

MILLET is a valuable catch crop for hay, as it may be sown as late as the first of July, after some early-harvested crop is out of the way, and yields from two to five tons per acre of very nutritious hay.

GERMAN MILLET.

Makes a very strong growth, and is a favorite variety for sowing on good land for a large crop of hay or forage.

HUNGARIAN MILLET.

About one week earlier than German Millet, and requires less moisture. Makes excellent hay. Requires more seed than German.

JAPANESE MILLET

A variety especially adapted to east of the Cascades. Grows to a height of six to eight feet in good soil.

SIBERIAN MILLET

A comparatively new variety, imported from Russia. Earlier than either German or Hungarian. Makes excellent hay, and yields enormously. Very hardy, and consequently best for the North and West.

COMMON MILLET

Makes excellent hay, but the yield is less than the other varieties.

JAPANESE BARNYARD MILLET

Has been highly exploited by a certain seedsman as Billion Dollar Grass. Grows 6 to 8 feet high, and yields heavy crops of hay, green forage or silage.

COMMON, OR SPRING, VETCH.

Common Vetch is best adapted to conditions west of the Cascades and north of California, where it is best sown in the fall, with winter oats, rye or wheat to support it. It may also be sown early in spring.

WINTER, SAND, OR HAIRY, VETCH.

Hairy Vetch is best suited to conditions east of the Cascades, and may be sown either in fall or spring. The best cover crop for orchards. Ask for Price List before ordering.

BLUE SCOTCH FIELD PEAS.

The best and heaviest yielding of all the field peas; early and matures evenly.

GREEN FIELD PEAS.

Similar to Canadian, except in color of the seed, which is light green.

WHIP-POOR-WILL COW PEAS.

Specially adapted to warm climates, and extensively grown in our southern states; also of value in this latitude as a fodder plant, and as a green manure to plow under.



SPELTZ, OR EMMER.

EMMER is a valuable grain imported from Russia, appears to be a combination of wheat, rye and barley; is very hardy, withstanding extremes of cold, heat and drought; will thrive on poor soil, and under those conditions will produce more and better stock food, either as grain or hay, than any other grain. Ask your Congressman to furnish you a copy of Farmers' Bulletin No. 139, "Emmer: A Grain for the Semiarid Regions," issued by the U. S. Department of Agriculture.

SILVER HULL BUCKWHEAT.

A good and popular variety. The grain is of a light gray color, larger and rounder than common buckwheat; has a thin hull; matures earlier and yields heavier. A good milling variety.

JAPANESE BUCKWHEAT.

Excels all other varieties; the grain is dark brown, larger than Silver Hull, yields heavier, ripens earlier and stands up better. Remains a long time in bloom, and is excellent for bee pasture.

SORGHUM—EARLY AMBER CANE.

East of the Cascades it will produce a good crop of seed, or two or more crops of splendid forage, being very rich, sweet and succulent. West of the Cascades it will not produce seed, and although it will produce fair crops of fodder, it is not specially recommended, as there are other crops more profitable.

KAFFIR CORN.

Another splendid forage plant for the country east of the Cascades, where it produces large quantities of seed or excellent fodder, but it is of little value on the coast. Non-saccharine.

BROOM CORN.

Another non-saccharine cane, grown for seed, fodder, and for manufacturing brooms, under same conditions as Kaffir Corn.

ENGLISH HORSE BEANS.

Used in the South as a forage crop and for green manure. Of no use in the North.

SOJA BEANS.

Of little value in the North. Thrives in hot, dry climates, and is grown extensively in the South for forage and to plow under.

FLAX SEED.

Destined to become an important crop in the Northwest. Thrives either east or west of the Cascades on land which is moist but not wet. Sow in spring, using thirty pounds of seed per acre if sown for seed, or twice that amount if sown for fiber.

SPURRY.

Annual. Grows well on poor, dry, sandy soil, and may be sown any time from March to August. Excellent pasture or fertilizer. 15 lbs. per acre.

SERADELLA.

A valuable forage plant, sometimes admitting of two cuttings in one season. Succeeds in dry, sandy soil, and furnishes good pasture for sheep. May also be cured for hay. 50 lbs. per acre.

TEOSINTE.

Makes a wonderful growth, and furnishes a great amount of green forage or dry fodder of rather poor quality. When cut for green forage, a second growth comes on quickly. Sow in May or June, in drills four feet apart, using three pounds of seed per acre.

ESPARCETTE, OR SANFOIN.

A perennial leguminous plant, belonging to the same family as clover and alfalfa. A nutritious fodder plant for light, dry, sandy or gravelly soils, and valuable for growing on barren hillsides. When once established it lasts for many years. Sow in spring, covering seed quite deeply, at the rate of 80 to 100 lbs. per acre.

SUNFLOWER.

Mammoth Russian. The largest and most productive variety. One of the very best foods for poultry; a great egg producer.



THOUSAND HEADED KALE



Thousand-Headed Kale, grown from **LILLY'S** Seed, on the farm of Mr. J. D. Williams, Bodega, Cal.

THOUSAND HEADED KALE has become almost indispensable as a green feed for cows, hogs, sheep and poultry through the winter from November to April. The plants grow about four feet in height, a single plant often weighing thirty pounds. It is hardy, withstanding a temperature of ten degrees above zero, making it especially valuable on the Pacific Coast, where it may be left in the field until wanted for feed. Being of a succulent nature, it is much relished by cows, and carrying high percentages of protein and fat, makes it the ideal feed for dairy cattle. One pound of seed will produce enough plants for one acre.

1 lb., 35c.; postage 10c per lb. additional. If wanted in larger quantities, ask for price list.

UNITED STATES DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY.

Walla Walla, Wash., April 18, 1910.

Mr. Frank Leckenby,
Seattle, Wash.

Dear Sir: Thousand-headed Kale is a very important crop, and should be grown by every dairyman and poultryman in western Oregon and western Washington. It is excellent feed, also, for sheep and hogs, and should, therefore, be widely grown. You need not fear to push it, for it is all that is claimed for it.

Yours very sincerely,

BYRON HUNTER,
Assistant Agriculturist.

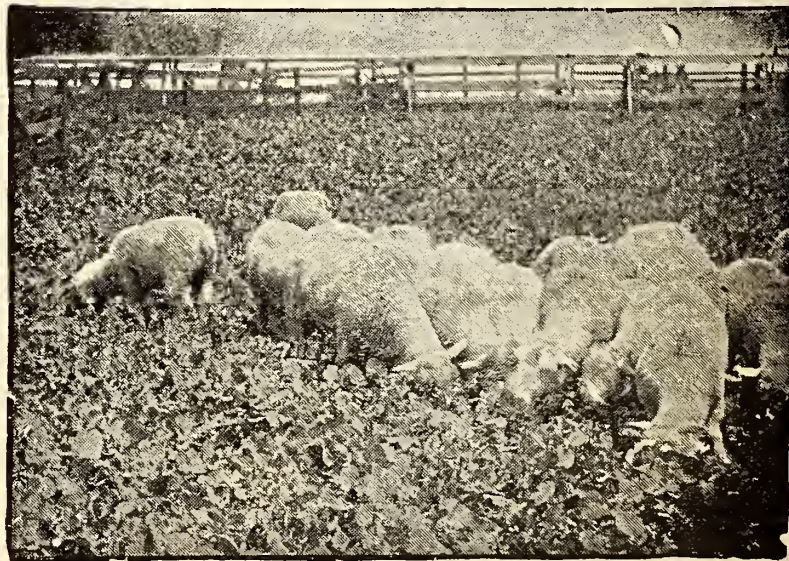
The Crop Book contains several good articles on this subject. Free with any order.

DWARF ESSEX RAPE

DWARF ESSEX RAPE is a very valuable forage plant for green feed in late summer, when other forage is lacking. The seed may be sown about the first of June, or even as late as the last of July, after potatoes or some other early crop has been removed, and will produce splendid forage in six to ten weeks. It may either be pastured or cut and fed green. Care must be exercised in feeding it to cattle, as there is danger of bloating.

The Crop Book contains splendid articles on this subject. It is furnished free with orders, or to prospective buyers.

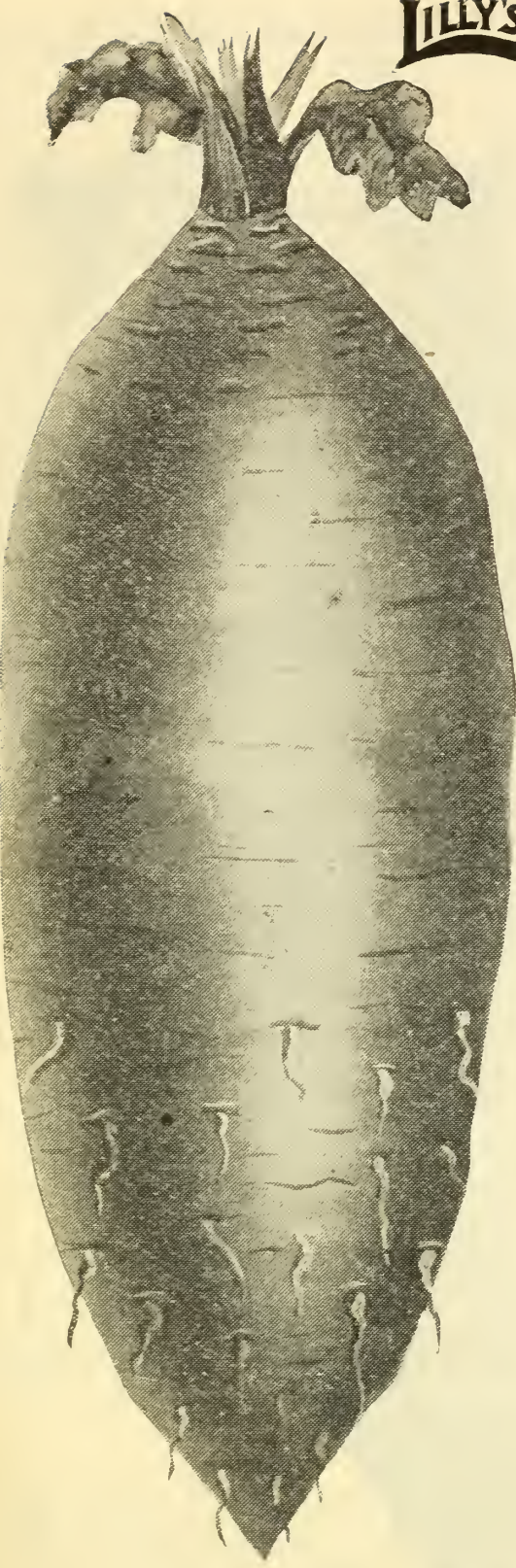
1 lb., 15c.; postage 10c per lb. If wanted in larger quantities, ask for price list.



ASK FOR OUR "SPRAY BOOK;" IT CONTAINS VALUABLE INFORMATION.



MANGEL WURZELS



THE BEET is a useful succulent feed for stock, producing a high quality of animal products, and 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 the cattle on the market in about three-fourths of the time." He called our attention to the 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.

GOLDEN GIANT MANGEL.

Of immense size and even shape. The flesh is light yellow, fine grained and very rich; easily lifted from the soil, a good keeper, and produces wonderfully—forty to sixty tons to the acre. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; ½ lb., 25c; 1 lb., 50c.
By express, 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

HALF SUGAR MANGEL.

Very sweet, succulent, highly nutritious and a producer of high quality animal products. The flesh is white, firm, crisp, and is greedily eaten by stock. It is a heavy yielder, uniting the size of the mangel with the great food value of the sugar beet. The roots grow partly out of the ground, making harvesting easy. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; ½ lb., 25c; 1 lb., 50c.
By express, 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

ROYAL RED MANGEL.

The roots are very large, uniformly straight and well formed. Color deep red, roots solid, tops small. Produces an immense bulk and tonnage, a root weighing twenty pounds being not uncommon. Sold only in sealed packages.

By mail, postpaid, Pkt., 10c; ½ lb., 25c; 1 lb., 50c.
By express, 1 lb., 40c; 5 lbs., \$1.50; 10 lbs., \$2.50.

LONG RED MANGEL.

A large variety, producing an immense crop; grows much above ground; flesh white shaded with red. Requires deep, loose soil.

By mail, postpaid, Pkt., 10c; ½ lb., 20c; 1 lb., 35c.
By express, 1 lb., 25c; 5 lbs., \$1.25; 10 lbs., \$2.15.

YELLOW GLOBE MANGEL.

Desirable only in shallow soils. Shape globular; flesh yellow and white.

By mail, postpaid, Pkt., 10c; ½ lb., 20c; 1 lb., 35c.
By express, 1 lb., 25c; 5 lbs., \$1.00; 10 lbs., \$2.00.

GOLDEN TANKARD MANGEL.

A well-known and popular field beet. Large size. Flesh bright yellow; nutritious and well liked by stock. Will grow in rather shallow soil.

By mail, postpaid, Pkt., 10c; ½ lb., 20c; 1 lb., 40c.

By express, 1 lb., 30c; 5 lbs., \$1.40; 10 lbs., \$2.50.

GIANT INTERMEDIATE OR GATE POST MANGEL.

Intermediate between the long and globe-shaped varieties. Roots large; neck small and short, flesh nearly white, sweet and tender. A big cropper.

By mail, postpaid, Pkt., 10c; ½ lb., 20c; 1 lb., 35c.
By express, 1 lb., 25c; 5 lbs., \$1.25; 10 lbs., \$2.25.

SUGAR BEETS

KLEIN WANZLEBEN SUGAR BEET.

This is the variety mostly grown for sugar. It gives good returns in ordinary soil, and is very rich in feeding qualities.

By mail, postpaid, Pkt., 10c; ½ lb., 25c; 1 lb., 40c.

By express, 1 lb., 30c; 10 lbs., \$2.50.

FRENCH WHITE SUGAR BEET.

One of the best sugar beets; very productive, and well liked by stock. Contains a very large percentage of sugar.

By mail, postpaid, Pkt., 10c; ½ lb., 20c; 1 lb., 35c.

Express, not prepaid, 1 lb., 25c; 10 lbs., \$2.00.

LILLY'S

KING of SWEDES

RUTABAGA, or SWEDISH TURNIP

AN IDEAL early, yellow fleshed rutabaga. The flesh is sweet, remarkably fine grained, juicy, tender, solid to the center, bright yellow and very attractive, making it especially desirable for the table. Its enormous size and productiveness, hardiness and splendid keeping qualities make it equally desirable as a succulent winter feed for stock.

Sold only in sealed packages.

By mail, postpaid, oz., 10c; ¼ lb., 25c; lb., 60c. By express or freight, not prepaid, 1 lb., 50c; 10 lbs., \$4.00.

AMERICAN PURPLE
TOP IMPROVED.

A popular variety for both field and table use. Flesh solid and good flavor.

Postpaid, pkt., 5c; oz., 10c; ¼ lb., 2c; 1 lb., 60c. By express, not prepaid, 1 lb., 50c; 10 lbs., \$4.00.

SKIRVING'S
IMPROVED PURPLE TOP.

Similar to American Purple Top, but larger.

Prices same as American Purple Top.

SWEET RUSSIAN.

A white fleshed variety of large size and good quality, but lacking the richness of the yellow varieties.

Prices same as American Purple Top.

MONARCH, OR TANKARD.

A very distinct type, being of tankard, or oval, shape. Very large, and yields immensely. Flesh yellow. Skin yellow below ground and purple above.

Prices same as American Purple Top.

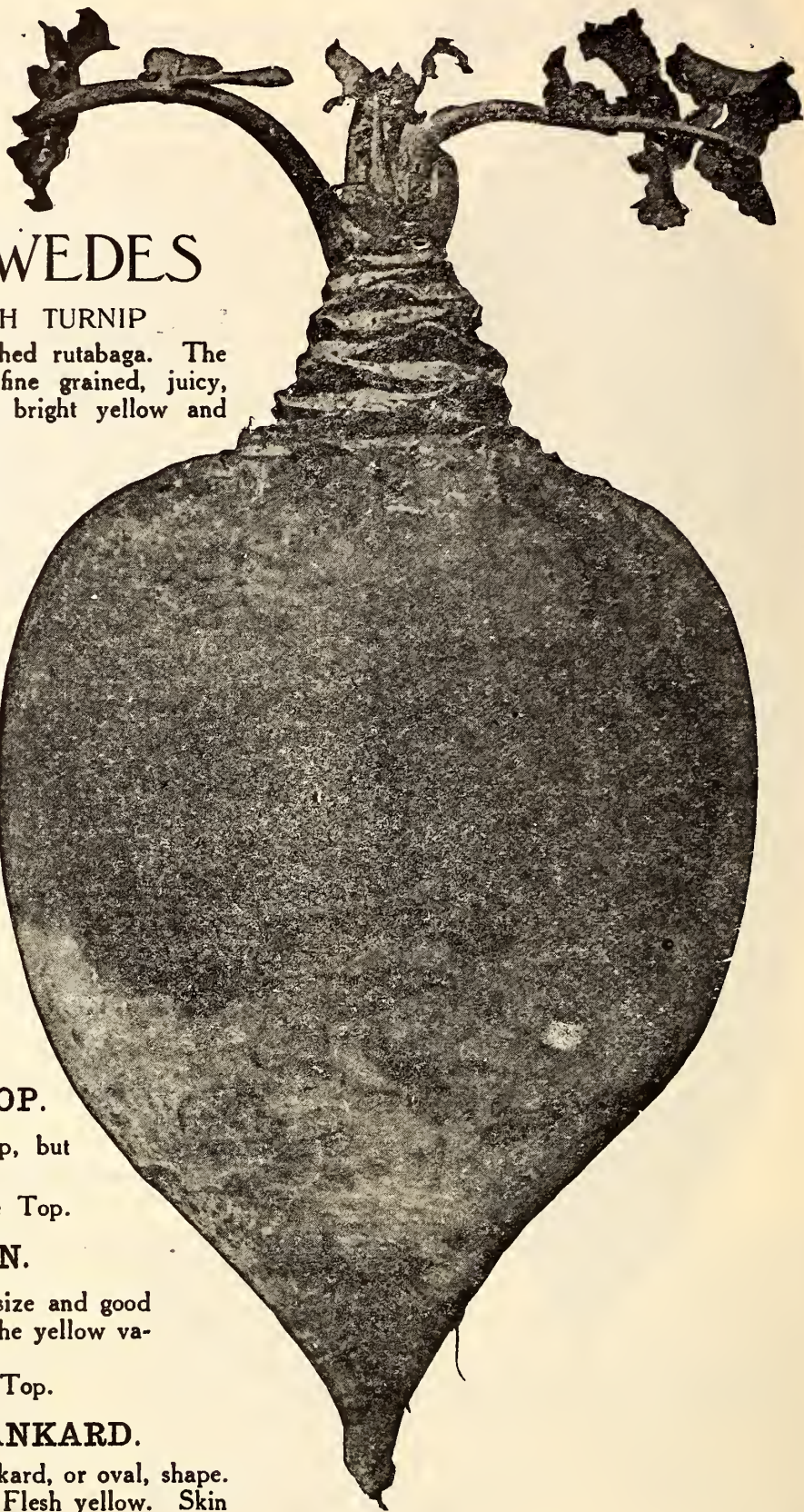
LILLY'S
BEST

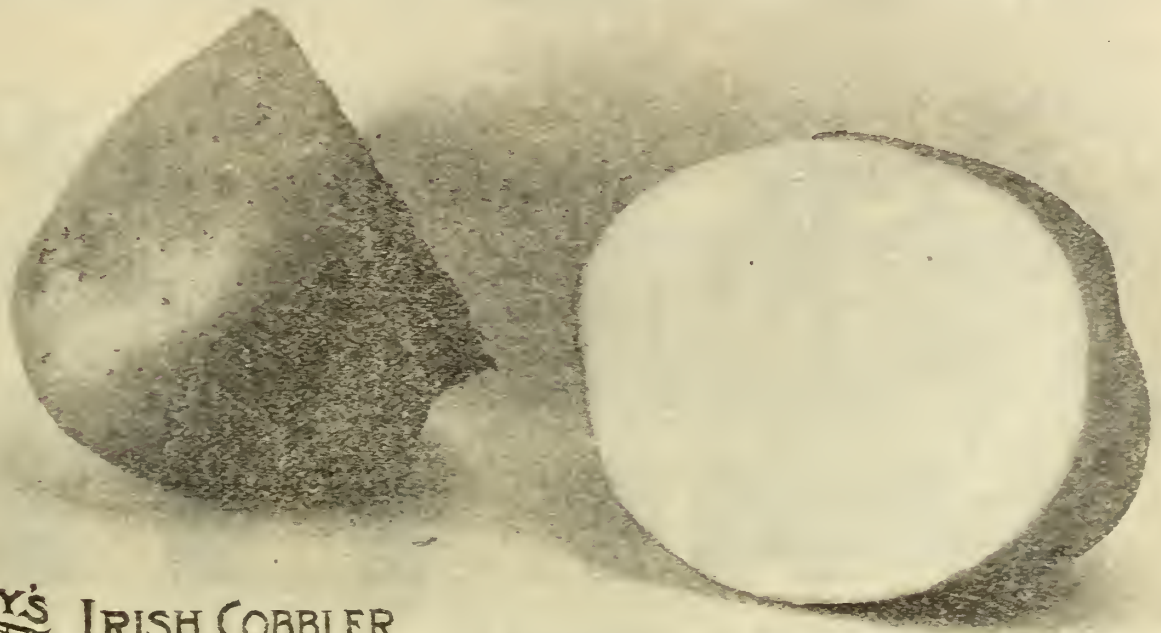
MASTODON CARROT

LILLY'S SELECT STOCK MASTODON CARROT is undoubtedly the best variety for stock feeding. It is a long way ahead of the old long rooted varieties in yield, and is much easier to harvest. It is rich and succulent, very nourishing, being rich in pro-

tein, and stock eats it greedily. In good soil it attains a diameter of three to six inches, and yields twenty to twenty-five tons to the acre. Color, white. Shape, short and thick. Sold only in sealed packages.

By mail, postpaid, pkt., 10c; ¼ lb., 20c; lb., 65c.
By freight or express, not prepaid, 1 lb., 55c; 10 lbs., \$5.00.





LILLY'S BEST IRISH COBBLER

LILLY'S IRISH COBBLER
THE BEST EARLY WHITE POTATO.

ONE of the very earliest varieties, of large size, and often yields larger crops than the late or main crop varieties. Will produce a good crop on soil that is too heavy for other potatoes. It is healthy, free from rot, and a good

keeper. Pure white, of handsome appearance and splendid quality.

Prices: Sack lots, \$4.00 per 100 lbs.
 Less than sack lots, 5c per lb.

BOVEE
THE BEST EXTRA EARLY POTATO.

THE best of the very early sorts, maturing before Early Rose, and much more productive. The plants are compact, and admit of close planting. The tubers are smooth, pinkish in color,

and of uniform, medium size.

Prices: Sack lots, \$4.00 per 100 lbs.
 Less than sack lots, 5c per lb.

GOLD COIN
THE BEST MAIN CROP POTATO.

ADAPTED to the Pacific Coast. The vigorous growth, the solidity, smooth regular form, and unequalled table qualities, make it the most popular and quickest seller on the market. In form the tubers are oblong, broad and quite thick. The eyes are small, with but little waste in paring. The

skin is of a light golden tint, having just sufficient coloring to distinguish it from the white skinned varieties. The flesh is fine grained, pure pearly white, and when cooked, dry and mealy.

Prices: Sack lots, \$4.00 per 100 lbs.
 Less than sack lots, 5c per lb.

EARLY ROSE.

The old standard early variety, and still one of the best, provided good seed can be procured. Skin red and white. Uniform in size and very productive. Prices: Sack lots, \$3.00 per 100 lbs.
 Less than sack lots, 5c per lb.

BURBANK.

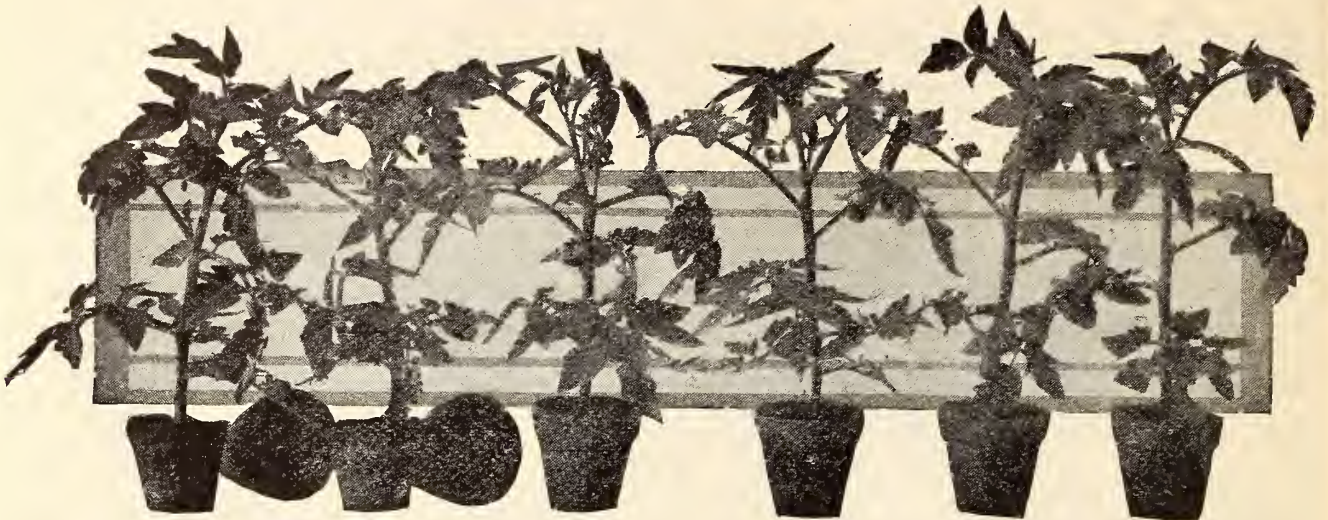
This has long been the standard main crop variety, and if good seed is planted, there are few better varieties. Sack lots, \$3.00 per 100 lbs.
 Less than sack lots, 5c per lb.

ARTICHOKES (Jerusalem).

These tubers are grown like potatoes. By some they are considered a great delicacy, but in this country they are grown mostly for stock food, es-

pecially for hogs.

Prices: Sack lots, \$2.50 per 100 lbs.
 Less than sack lots, 5c per lb.



Vegetable Plants and Roots

Fancy Pot-Grown Tomato Plants

The above half-tone is from a photograph of our fancy pot-grown Puget Sound Special Tomato Plants. They are grown in three-inch pots, are eight to fifteen inches high, robust, stocky, and have a pot full of strong healthy roots. While ordinary plants, when transplanted, will wilt, and if they do not die, will hover between life and death for a week or more, and not make any perceptible growth for a long time, these may be taken from the pots and set in the ground without disturbing the roots, so that they hardly hesitate in their growth. They are more expensive, but a dozen of these plants properly cared for will produce better results than three or four dozen ordinary plants.

We can furnish only Puget Sound Special and Earliana plants, as they are the best adapted to the Northwest. Season, May 1st to June 30th.

	Mail, Postpaid		Express, Not Prepaid			
	1 Doz.	100	1 Doz.	100	500	1000
Fancy Pot-grown Tomato Plants in three-inch pots. (Cannot be mailed)			\$0.60	\$4.50	.....	.....
Fancy Pot-grown Tomato Plants, taken from pots and packed in baskets. (Cannot be mailed) .....			.45	4.00	\$18.75	\$35.00
Fancy. In original flats. Weight about 25 lbs. per flat of 100 plants. (Cannot be mailed) .....			.....	1.50	7.00	12.50
Fancy. Taken from flats and packed in baskets .....			.40	1.50	7.00	12.50
Good Transplanted Plants, in bundles or baskets	\$0.25	\$1.00	.20	.75	3.50	6.50

If wanted in larger quantities we will be pleased to quote special prices.

Cabbage Plants

Strong, sturdy plants of the following early and late varieties: Early Jersey Wakefield, Lilly's Glory, All Seasons, Danish Ballhead, Premium Late Flat Dutch, Drumhead Savoy and Autumn King. Season Mar. 1st to June 30th.

By Mail, Prepaid, Doz., 15c; 100, 75c.

By Express, charges paid by you, Doz., 10c; 100, 50c; 1000, \$2.50; 10,000, \$22.50.

Cauliflower Plants

The following varieties, which are the best for either family or market garden: Early Alba, Snowball or Late Algiers. Season Apr. 1st to June 30th.

By Mail, Prepaid, Doz., 20c; 100, \$1.25.

By Express, charges paid by you, Doz., 15c; 100, \$1.00; 1000, \$6.00.

Celery Plants

The early self-blanching varieties, Vilmorin's Paris Golden Yellow, Silver Plume, White Plume, and Golden Self-Blanching. These grow quickly, blanch early, and are especially adapted for fall and winter use. Season May 1st to July 31st.

By Mail, Prepaid, Doz., 20c; 100, 75c.

By Express, charges paid by you, Doz., 10c; 100, 60c; 1000, \$5.00.

IF WANTED IN LARGER QUANTITIES PLEASE ASK FOR SPECIAL PRICES.

Vegetable Plants and Roots (continued)

Asparagus Roots

Fine, hardy plants of Columbia Mammoth and White Colossal. We have only one-year-old plants, as they are much better than older plants. Season Sept. 15th to June 1st.

By Mail, Prepaid, Doz., 30c; 100, \$1.50.

By Express or Freight, Not Prepaid, Doz., 25c; 100, \$1.00; 1000, \$6.00.

Brussels Sprouts

Hardy and compact, producing sprouts of fine quality and great abundance. Season May 1st to June 15th.

By Mail, Prepaid, Doz., 20c; 100, \$1.00.

By Express or Freight, Not Prepaid, Doz., 15c; 100, 75c; 1000, \$4.50.

Horse Radish Roots

Season March 1st to June 1st. By Mail, Prepaid, One, 5c; Doz., 40c.

By Express or Freight, Not Prepaid, Doz., 25c; 100, \$1.50.

Parsley

Season Apr. 15th to June 30th. By Mail, Prepaid, Doz., 40c; 100, \$1.75.

By Express or Freight, Not Prepaid, Doz., 30c; 100, \$1.25; 1000, \$6.00.

Chives, or Schnittlauch

Season Apr. 1st to June 1st. By Mail, Prepaid, 15c Per Clump; two for 25c.

By Express, Not Prepaid, 10c Per Clump; Doz., \$1.00.

Rhubarb

Strong field-grown roots, grown from seed. Season March 1st to June 1st.

One Year Old Roots, By Mail, Prepaid, One, 10c; Doz., 75c.

One Year Old Roots, By Express, Not Prepaid, Doz., 50c; 100, \$3.00.

Two Year Old Roots, By Mail, Prepaid, One, 15c; Doz., \$1.50.

Two Year Old Roots, By Express, Not Prepaid, Doz., \$1.00; 100, \$6.00.



CHAS. H. LILLY CO.

FLOWERING PLANTS

Carnations



THESE popular and charming flowers may be easily grown out of doors during the summer. Ours are young, healthy plants, and if planted early in spring, should begin to bloom the last of June.

Enchantress. One of the grandest carnations of any color; an exquisitely delicate shade of shell-pink, deepening toward the center.

White Enchantress. One of the best white carnations yet produced; of pure quality, large size and immense production.

White Perfection. All that its name implies. Bloom is abundant, of large size and immaculate whiteness.

Lady Bountiful. A splendid pure white carnation; large flowers.

Robert Craig. A grand scarlet variety; flowers largest size, long stems, and delightfully fragrant.

Victory. Exceptionally satisfactory as a cut flower, owing to its great stability, long stems and profusion of bloom. Brilliant scarlet.

Harlowarden. The largest and best of its color, a bright dazzling crimson. The flowers often measure three inches in diameter, and are well supported on long stiff stems.

Andrew Carnegie. A splendid new red carnation; large flowers on good stems; blooms profusely.

Mixed. All of the above, and other good varieties, mixed.

Postpaid, 10c each; \$1 doz. By express, 75c doz.; \$3.50 per 100.

Pansies

The best varieties, mixed. We can furnish straight colors, if desired, when in bloom, after the last of March.

Postpaid, 10c each; 75c dozen.

By express, not prepaid, 50c doz.; \$3.75 100.

Violets

Princess of Wales. The finest rich blue single variety; borne on long stems; very fragrant.

California. A single blue violet; profuse bloomer; very fragrant and very hardy.

Golden Gate. The earliest violet; very dark blue; rather small; very fragrant.

Governor Herrick. Rich dark purple; stems long and strong; single.

Large clumps, by express, 10c each; \$1.00 doz.; \$7.50 per 100. Cannot be mailed.

Divided Plants, 40c per dozen; \$3.00 per 100. Postage 10c per dozen additional.

ASTERS -China-

THE IMPROVED ASTERS produce splendid flowers, almost equal to the best chrysanthemums, on long stems and in the most beautiful colors. They are easy to grow, and do exceptionally well on the Pacific Coast.

Simple's Branching. The plants are of branching habit, and literally covered with large double flowers on long stiff stems. We can furnish them in straight colors, White, Pink or Lavender, or in All Colors Mixed.

By mail, postpaid, 35c per doz.; \$2.00 per 100. By express, not prepaid, 25c per doz.; \$1.50

Fuchsias

Storm King. A magnificent double variety; of dwarf habit; sepals brilliant crimson, corolla delicate waxy white.

Phenomenal. The largest double fuchsia. Tube and sepals scarlet carmine.

Speciosa. Flowers single, with pale carmine sepals and deep scarlet corolla.

In pots, by express, 25c each; \$2.50 dozen.

Lobelia

Crystal Palace. Dwarf; blue; for bedding.

Gracilla. Trailing; for baskets and rockeries. 10c each; 50c doz., postpaid. By express, 40c doz.

Verbenas

Mammoth Mixed. 10c each; 75c dozen, postpaid. In 3 in. pots, by express, 15c each; \$1.50 dozen.

Giant Comet. The plants grow about two feet high, and are covered with very large flowers with large petals gracefully curled and twisted, resembling Japanese Chrysanthemums. Straight colors, White, Rose, Blue or Lavender, or All Colors Mixed.

Hohenzollern. This aster is even larger than the Giant Comet, and has the same curled and twisted petals and long stems. Straight colors, White, Crimson, Lavender or Pink, or All Colors Mixed.

PELARGONIUMS

(Lady Washington Geraniums)

Countess.

Immense flowers of a clear, attractive shade of salmon with pure white center.

Surprise.

A charming variety of splendid habit. Upper petals have large black blotches in the center, encircled with scarlet and edged with white; lower petals white with a pink spot in center.

Mrs. Robert Sandiford.

Flowers are pure white, three inches across, perfectly double and very free in bloom.

Sandiford's Best.

A beautiful shade of pink, surrounded by a deep band of purest white, with a large white throat. 30c each; \$3.00 dozen.

Heliotrope

The most exquisitely perfumed flower that blooms. Splendid for either pot culture or bedding.

Prince Albert.

Dwarf; dark blue.

25c each; \$2.50 per doz.

Hydrangeas

Hydrangea Otaksa Monstrossa (Giant Flowered Hydrangea). The immense blooms and the color, a pleasing shade of pink, makes this one of the most desirable varieties. Grows four feet tall.

Hydrangea Hortensis Thomas Hogg. Flowers pure white; a profuse bloomer. Four feet tall.

Hydrangea Ramis Pictis (Red Branched). The flowers are deep rose color, produced in immense trusses; the branches are dark red. **Small Plants.** 25c each; \$2.50 doz. **Large Plants.** 50c to \$1.00 each.

Cannas

Black Prince. A tall growing variety; with green leaves and showy flowers of crimson scarlet, overlaid maroon. Grows five feet tall.

Italia. Great crinkly petals of clear yellow, irregularly overlaid with orange-scarlet. 5 feet.

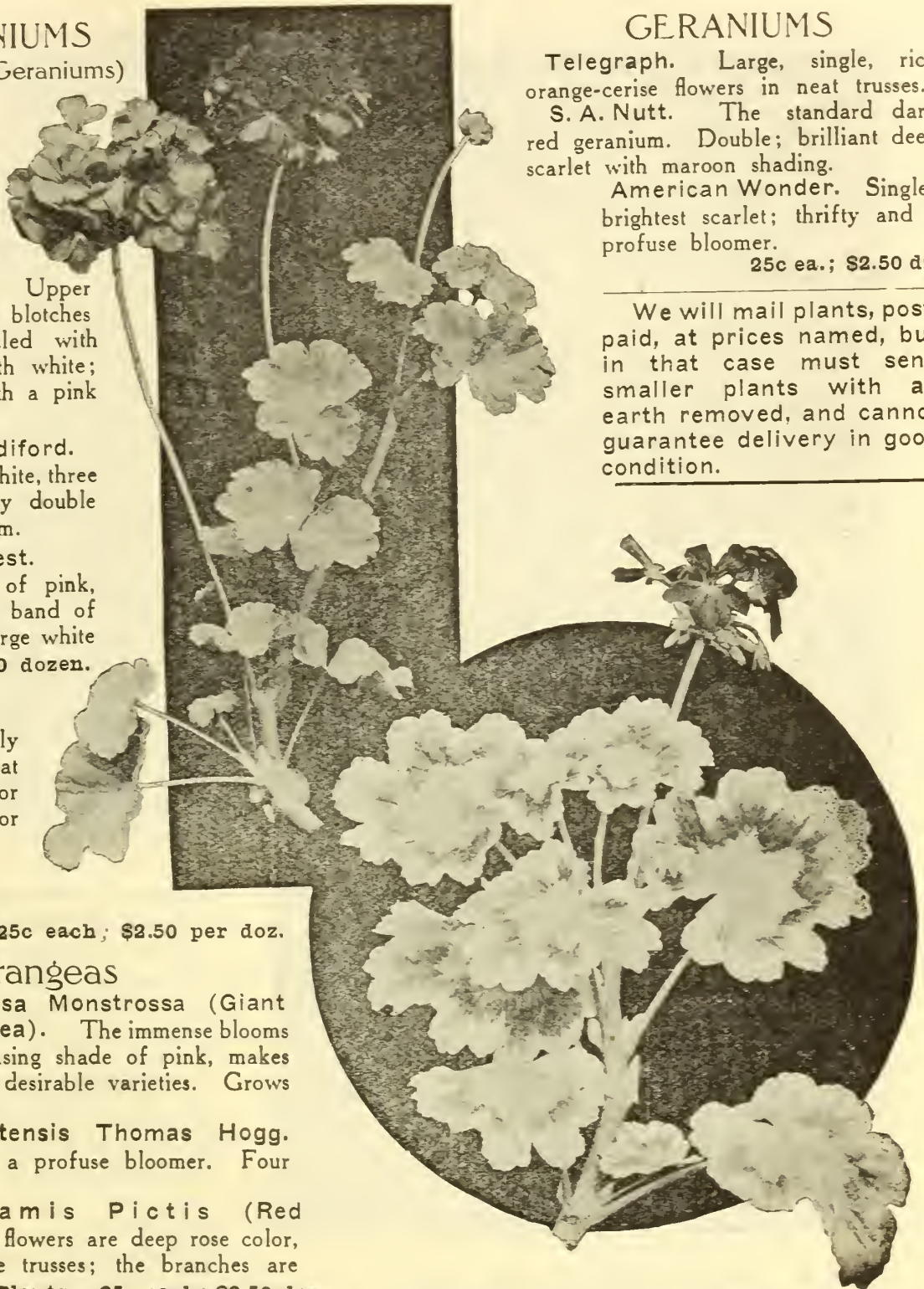
Madame Crozy. Rosy scarlet, gilt edged. 3½ feet.

Allemania. Yellow, heavily blotched and overlaid with blood orange. Five feet tall.

Queen Charlotte. Color, a wide ragged band of yellow bordering a center of scarlet. 3½ feet.

Louise. Rich velvety crimson. Five feet tall.

Pennsylvania. Lustrous, wavy petals of great size, in which the richest shades of orange and scar-



GERANIUMS

Telegraph. Large, single, rich orange-cerise flowers in neat trusses.

S. A. Nutt. The standard dark red geranium. Double; brilliant deep scarlet with maroon shading.

American Wonder. Single; brightest scarlet; thrifty and a profuse bloomer.

25c ea.; \$2.50 dz.

We will mail plants, post-paid, at prices named, but in that case must send smaller plants with all earth removed, and cannot guarantee delivery in good condition.

let are exquisitely blended. Six feet tall.

Wyoming. Bronze foliage and immense spikes of massive orange flowers. Five feet tall.

Egandale. A favorite bronze leaved sort, with soft currant-red flowers. Four feet tall.

Shenandoah. Bronze foliage; rich ruby red exquisitely veined and tinted. Five feet tall.

Alsace. Pale sulphur, changing to creamy white.

Florence Vaughan. Bright, rich golden-yellow, spotted with red; large size and perfect form.

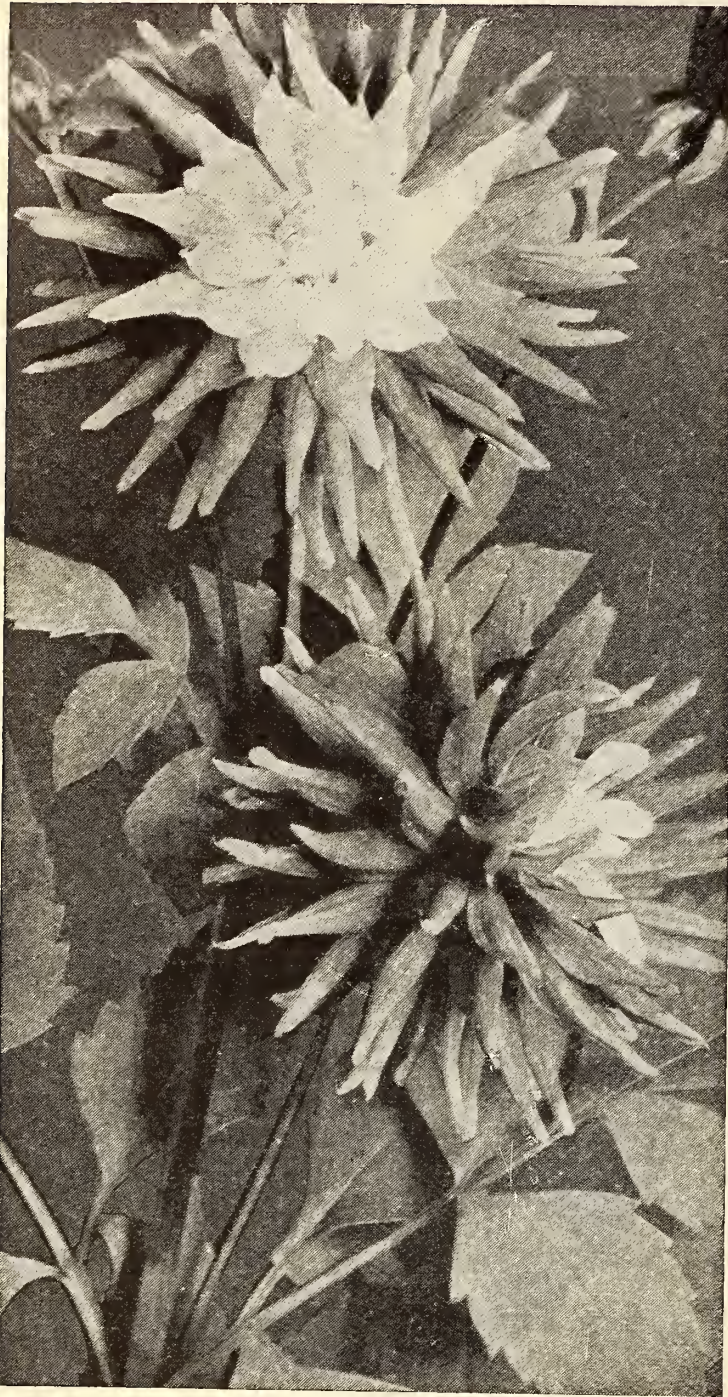
Named Varieties. 20c each; \$2.00 doz.

Mixed Varieties. \$1.00 per dozen.

Gladiolus

Among the most popular summer flowering bulbs, and of high decorative value, either in the garden or as cut flowers.

Mixed. 50c per doz.; \$3.00 per 100.

**SHOW AND FANCY DAHLIAS.**

Dr. J. P. Kirkland. Show dahlia; dark crimson; large. 6 ft.

Fairy Queen. Pompon dahlia; light sulphur-yellow, edged deep peach; beautiful flowers.

Gloire de Lyon. Show dahlia; pure white; very large. 5 ft.

Lottie Eckford. Fancy; white, beautifully striped with purple. 3 ft.

Mrs. Roosevelt. Show; delicate soft pink; very large and showy. 4 ft.

Marocco. Rich, deep purple, distinctly tipped white. Very striking. 4 ft.

DAHLIAS do best in a cool position, protected from the hot sun, and the soil should not be too rich. They require considerable moisture. May be planted any time from the first of May to the middle of June. Nothing is gained by early planting

CACTUS DAHLIAS.

Countess of Lonsdale. An exquisite shade of rich salmon-red. 3 ft.

Crimson Crest. A rich shade of cherry-red; large and of fine form. 3½ ft.

Earl of Pembroke. Bright plum, shaded deeper at center. 4 ft.

Eva. Pure white; one of the finest white varieties grown. 3½ ft.

F. H. Chapman. Magnificent form and size. Yellow, overlaid with deep orange. 5 ft.

Floradora. Wine-crimson; flower and habit the ideal of perfection. 3½ ft.

Harbor Light. Vivid orange-red, shading to flame color at tips of petals. 3½ ft.

J. H. Jackson. The finest and largest dark cactus dahlia. Dark maroon. 4 ft.

J. W. Wilkinson. Deep, rosy-crimson; a large flower of the most refined and beautiful shape. 4 ft.

Kriemhilde. Soft apple-blossom pink with white center; a beautiful, dainty flower. 4 ft.

Lovely Eynesford. A fine amber-colored variety; petals well pointed. 4 ft.

Queen of Yellows. Pure yellow; large, bold flower, with long florets. 3½ ft.

Standard Bearer. Bright fiery scarlet, of good form and habit. 3 ft.

Uncle Tom. Rich, dark velvety maroon, almost black; distinct and fine. 4 ft.

DECORATIVE DAHLIAS.

Eloise. Blush-pink, shading to white, with each petal margined deep crimson.

Empress of India. Very dark maroon. Large flower. 5 ft.

John R. Baldwin. Yellow-buff, with outer half of each petal suffused with red.

May Queen. Soft heliotrope-mauve, shading to pure white center. 4½ ft.

Mme. Van den Dael. Silvery pink petals artistically arranged. Magnificent. 3 ft.

Mon. Hoste. Beautiful bright carmine-rose. A grand variety. 4 ft.

Papa Charmet. Deep, velvety coral-red, overlaid with a much darker shade. 5 ft.

Souvenir de Gustav Doazon. The largest dahlia grown. The color is a pleasing shade of bright orange-red. 5½ ft.

Wm. Agnew. Rich, dazzling red. A grand, large flower of fine form. 4 ft.

PRICES.

NAMED VARIETIES, 30c each; \$3.00 per dozen. **MIXED VARIETIES**, \$1.25 per dozen. These prices include postage, but if shipped by express at your expense, the largest roots will be furnished.

There are few flowers so satisfactory as dahlias. Our stock is extra fine.

HARDY PERENNIALS

Shasta Daisy

Shasta Daisy.
Large, graceful pure white flowers with yellow centers, freely produced on strong stems about two feet long.
10c ea.; \$1.00 dz.

Aaska Daisy

A decided improvement over the Shasta Daisy. Flowers are 4½ to 5 inches across.
10c ea.; \$1.00 dz.



Gaillardia

One of the showiest hardy plants. The large flowers are of gorgeous coloring; center dark red-brown and petals marked with rings of brilliant crimson, orange and vermillion.
25c ea.; \$2.50 dz.

COLUMBINE.

(Aquilegia)

One of the most elegant and beautiful of hardy plants, producing graceful spurred flowers on stems rising two feet or more above the beautifully divided foliage.
15c each; \$1.50 dozen.

SNAPDRAGON.

(Antirrhinum)

Unusually effective bedding displays are made with these unique bright colored flowers.

Queen Victoria. Very large, pure white flowers.

Queen of the North. Pure white; very pretty.

The Brldo. Pure white; excellent.

Daphne. Dwarf; carmine-rose suffused with white.

Mixed, Tall Varieties. All colors.

Mixed, Dwarf Varieties. All colors.
10c each; 75c dozen.

PRIMROSE.

(Primula)

The hardy Primroses are among the most beautiful and interesting of our early spring flowers. They should be planted in well drained soil, in the border or in a sheltered nook in the rockery, in a partially shaded position.
10c each; 75c dozen.

LAVENDER.

Grows about eighteen inches high, and bears delightfully fragrant blue flowers in July and August.
20c each; \$2.00 dozen.

FORGET-ME-NOT.

(Myosotis)

These dainty little flowers, like pansies, bloom most freely during the cool weather in spring and fall, and prefer a cool moist soil and partially shaded position.

Victoria. Dwarf; sky-blue; globular.

Indigo. Indigo-blue; new; very fine.

Inwell. Tall; sky-blue.

Emperor Frederick. Very dark, deep blue.

Mixed. All varieties mixed.
10c each; 75c dozen.

GYPSOPHILA.

(Baby's Breath)

Will thrive in any soil in a sunny position, and on account of their gracefully arranged panicles of minute flowers should be in every garden.
15c each; \$1.50 dozen.

STOCKS, BROMPTON.

One of the most popular plants, either for bedding, massing or pot culture; brilliant and diverse in color, profuse and continual in bloom.
15c each; \$1.50 dozen.

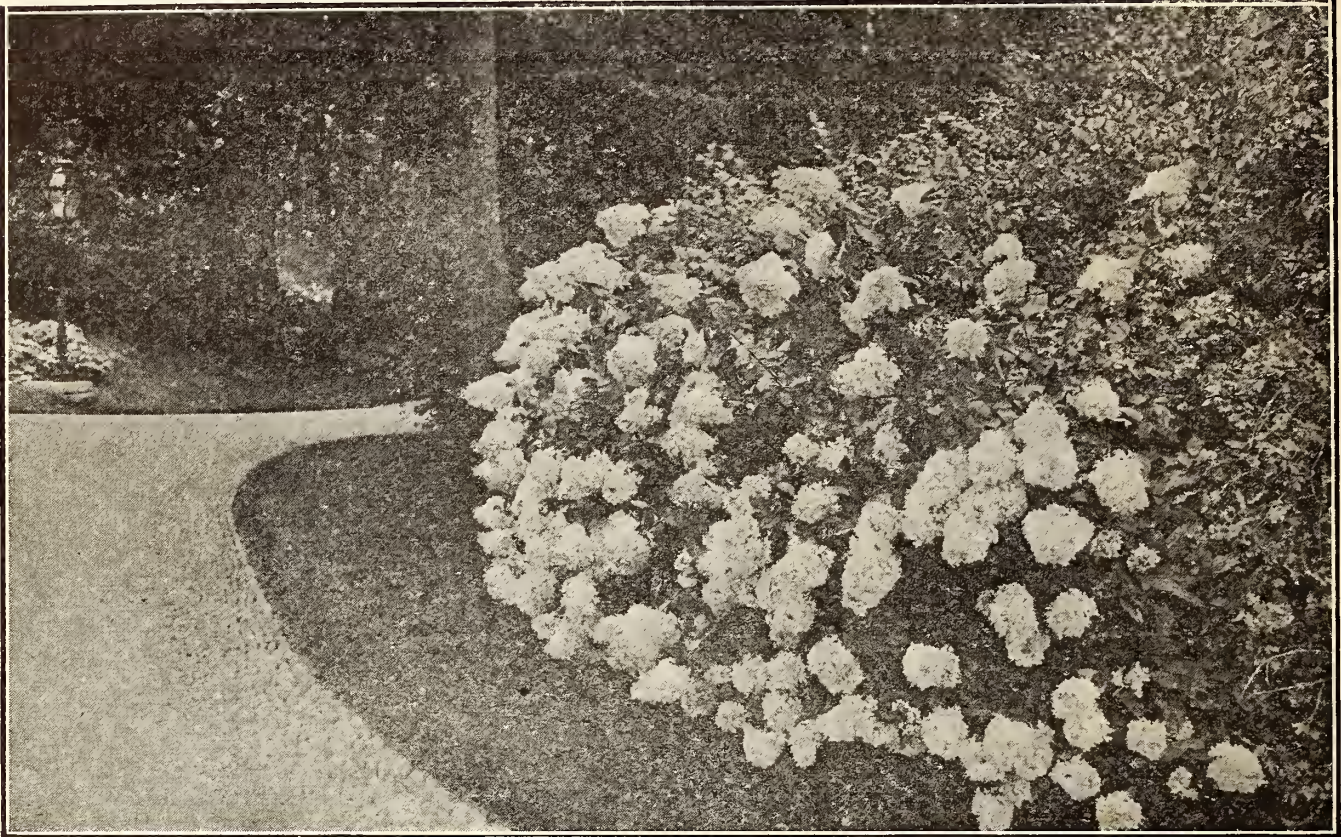
PHLOX.

Among the hardy perennial plants no class is of more importance than the Phloxes, succeeding in almost any soil and position, and flowering through a long season, and for many years, with little attention.

Mixed colors. 15c each; \$1.50 dozen.

Prices include postage, but plants will be packed better if shipped by express at your expense.

Flowering and Ornamental Shrubs



SNOWBALL.

Viburnum Opulus Sterile. A perfectly hardy vigorous and free blooming shrub. Bears a rich profusion of very showy ball-shaped snow-white flowers early in June.

40c each; \$4.00 dozen.

Viburnum Opulus. Same as *Viburnum Opulus Sterile*, except that the flowers are not so showy, and it bears clusters of beautiful scarlet berries.

50c each; \$5.00 dozen.

HYDRANGEA.

Hydrangea Paniculata Grandiflora. The best known and most popular summer flowering shrub in cultivation. The flowers, which are borne in dense panicles a foot long, in the greatest profusion, are white when they first open, but gradually change to rose-color, and remain in good condition for weeks.

Small Plants. 30c each; \$3.00 dozen.

Large Plants. \$1.00 each.

LILAC.

Syringa Vulgaris. This is the old-fashioned lilac, and is so popular, and its beauty and fragrance so well known, that a description is unnecessary.

Postpaid, 25c each; \$2.00 dozen.

By express, Small Plants, 20c each; \$2.00 dozen. Large Plants, 40c each; \$4.00 dozen.

DEUTZIA.

Well known profuse flowering shrubs, blooming in spring or early summer. Dainty bell or tassel-shaped flowers are borne thickly along the branches.

Gracilis. A favorite dwarf bush, covered with spikes of pure white flowers early in summer.

Scabra. A desirable variety of medium height. Large single white flowers, tinged with pink.

30c each; \$3.00 dozen.

PRIVET.

California Privet (*Ligustrum Ovalifolium*). The most popular of all hedge plants. For groups and specimens it is equally pretty.

Common Privet (*Ligustrum Vulgaris*). The familiar shrub of old gardens, with leaves of grayish-green, white flowers and shining black berries.

By mail, postpaid, 15c each; \$1.00 dozen.

By express, not prepaid, 1 year old plants, 75c per doz.; \$4.00 per 100. 2 year old plants, \$1.25 per dozen; \$7.50 per 100.

COTONEASTER.

A small evergreen of low spreading habit. Small white flowers appear in May, followed by red berries during the fall and winter.

25c each; \$2.00 dozen.

Hardy Climbing Vines

VIRGINIA CREEPER, OR AMERICAN IVY.

(Ampelopsis Quinquefolia)

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.

25c each; \$2.00 dozen.

HALL'S JAPAN HONEYSUCKLE.

(Lonicera Halleana)

A STRONG, vigorous, almost evergreen honeysuckle, with pure white flowers, changing to yellow; very fragrant; blooms long and continuously.

This is the only variety free from aphids and other insect and disease pests.

25c each; \$2.00 dozen.

BOSTON IVY, OR JAPANESE IVY.

(Ampelopsis Veitchii)

THE MOST POPULAR and desirable climbing plant for covering brick, stone or wooden walls, trees, etc. When the root becomes established, the plant is of rapid growth, and clings tenaciously to the smoothest surface. The foliage is a rich olive green during the summer, changing to various shades of bright crimson and scarlet in the fall.

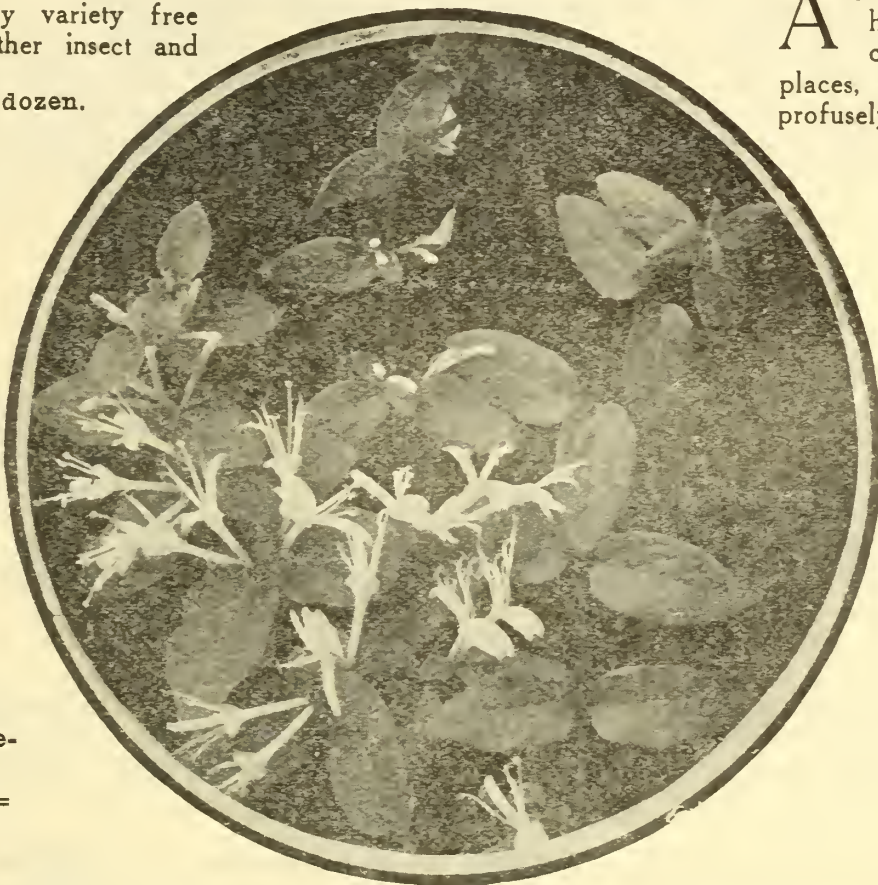
25c each; \$2.00 dozen.

TRUMPET CREEPER.

(Bignonia Radicans)

AN EXCEEDINGLY handsome vine for covering unsightly places, stumps, etc. Bears profusely, large attractive flowers, dark red with yellow throat. Very hardy.

20c ea.; \$2.00 dz.



You cannot
**GROW
PLANTS
SUCCESS-
FULLY**
without
spraying.

**THE
SPRAY BOOK**
contains consid-
erable informa-
tion on the sub-
ject. We will
be glad to mail
it to you if you
wish it.

GOLDEN-LEAVED HONEYSUCKLE.

(Aurea Reticulata)

EXCEEDINGLY ornamental. Foliage beautifully variegated yellow and green; yellowish white flowers, very fragrant.

25c each; \$2.00 dozen.

CHINESE WISTARIA.

(Wistaria Sinensis)

ONE of the most elegant and rapid growing of all climbing plants; attains an immense size, growing at the rate of fifteen to twenty feet in a season. Bears long, pendulous clusters of pale blue flowers in May.

60c each; \$6.00 dozen.

ENGLISH IVY.

(Hedera helix)

ESPECIALLY valuable on account of remaining green all the year, and clinging to the smoothest walls. Excellent for covering steep banks, where grass will not grow.

25c each; \$2.00 dozen.

CHINESE WHITE WISTARIA.

(Wistaria Sinensis var, multijuga)

MAGNIFICENT when in bloom, being covered with long, loose clusters of thousands of richly perfumed, pure white flowers. There is nothing equal to it for covering pergolas or trellises.

60c each; \$6.00 dozen.

A single vine, well placed, will make a plain house beautiful.



ROSES

OUR STOCK this season is limited to a few of the choicest varieties, most of which are splendid two-year-old plants. They will be mailed to you at the following prices, if so ordered, but in that case it would be necessary to send smaller plants, to remove all earth from the roots, and we could not guarantee arrival in good condition. We would recommend that they be shipped by express, at your expense. You would then get the best plants, properly packed, and we guarantee them to arrive in good condition. If they are not in good condition on arrival, we should be notified at once.

Prices: 25c each; \$2.50 per dozen of one variety.

Hybrid Tea

Caroline Testout Clear pink. Buds and flowers are very large and of splendid form. One of the very best.

Kaiserin Augusta Victoria. A grand white rose, blooming continuously. Delicate ivory white.

La France. Probably the most popular rose in cultivation. Buds and flowers of lovely form. Color, a beautiful shade of pink tinged with crimson.

White La France. (Augustine Guinoisseau) Pure white with a tinge of blush in depths of petals.

Reine Marie Henrietta. Climber. Large, finely formed flowers; color a beautiful cherry-red. A very pretty and deservedly popular climbing rose.

Richmond. A superb rose in every way, and one of the best red roses yet produced; deep scarlet. Long pointed buds on long, straight stems.

Madame Abel Chantenay. A very beautiful rose of novel and distinct color, rich golden pink or rose, flushed with orange and fawn.

Souvenir de President Carnot. A deservedly popular rose. Flowers of large size and exquisite shape; buds long and pointed. Color delicate, rosy flesh, shaded a trifle deeper at center.

Gruss an Teplitz. (Virginia R. Coxe or Crimson Hermosa) One of the best hardy crimson roses. Color dark, rich crimson. Flowers large and full.

Tea Roses

Francisca Kruger. An exquisite rose, blooming very freely in autumn. Coppery yellow shaded with peach. Flowers of excellent form.

Souvenir de Pierre Notting. Flowers very large and well filled; color apricot-yellow, tinged with golden and mixed with orange yellow.

Papa Gontier. A magnificent bold flower; finely formed buds. Color, brilliant carmine changing to rose and lilac. Delicately fragrant.

Marechal Neil. Climber. A beautiful deep sulphur-yellow; large, globular, very full, and highly scented.

Hybrid Perpetual

Ulrich Brunner. Brilliant cherry red; a very effective color. Flowers of fine form.

General Jacqueminot. Bright, shining crimson, very rich and velvety; splendid buds.

Madame Alfred Carriere. Climber. Extra large, full flowers; very double and sweet; rich, creamy-white, faintly tinged with pale yellow.

Hardy Climbers

Crimson Rambler. Flowers are produced in great trusses of thirty to forty blooms, remaining perfect on the plant upwards of two weeks.

White Rambler. (Thalia) Similar to the well known Crimson Rambler, except that the flowers are pure white, sometimes tinted with blush.

Pink Rambler. (Dorothy Perkins) Similar to Crimson Rambler, except that the color is clear shell-pink.

Yellow Rambler. (Aglaia) Flowers are deep golden yellow and very fragrant.

SMALL FRUITS



GOOSEBERRIES

Industry. Of English origin. Bears immense crops of large, red berries. Succeeds admirably in this country.

Downing. A large handsome berry of pale green color and excellent quality. A great favorite for home and market. The bush is vigorous and free from mildew.

Oregon. A large green variety; very prolific; few seeds.

Smith's Improved. Sweet, a prolific yielder and a good seller. Fruit large, pale green, thin skinned. Excellent for dessert or cooking.

By mail, prepaid, one year old, Each, 20c; Doz., \$1.25; two years old, Each, 25c; Doz., \$2.00.
By express, not prepaid, one year old, Doz., \$1.00; 100, \$6.00; two years old, Doz., \$1.50; 100, \$8.00.

CURRENTS

Red Cherry. Undoubtedly the best variety grown. An all-round first-class berry, strong grower, good yielder, bunches short and broad.

Victoria. Red; late; large bright red fruit; bunches long, berries medium; excellent quality.

White Grape. The best white variety. Hardy.

Fay's Prolific. Abundant yielder; berries large; rich red; early. Leading variety for home use.

By mail, prepaid, one year old, Each, 20c; Doz., \$1.25; two years old, Each, 25c; Doz., \$2.00.
By express, not prepaid, one year old, Doz., \$1.00; 100, \$6.00; two years old, Doz., \$1.50; 100, \$8.00.

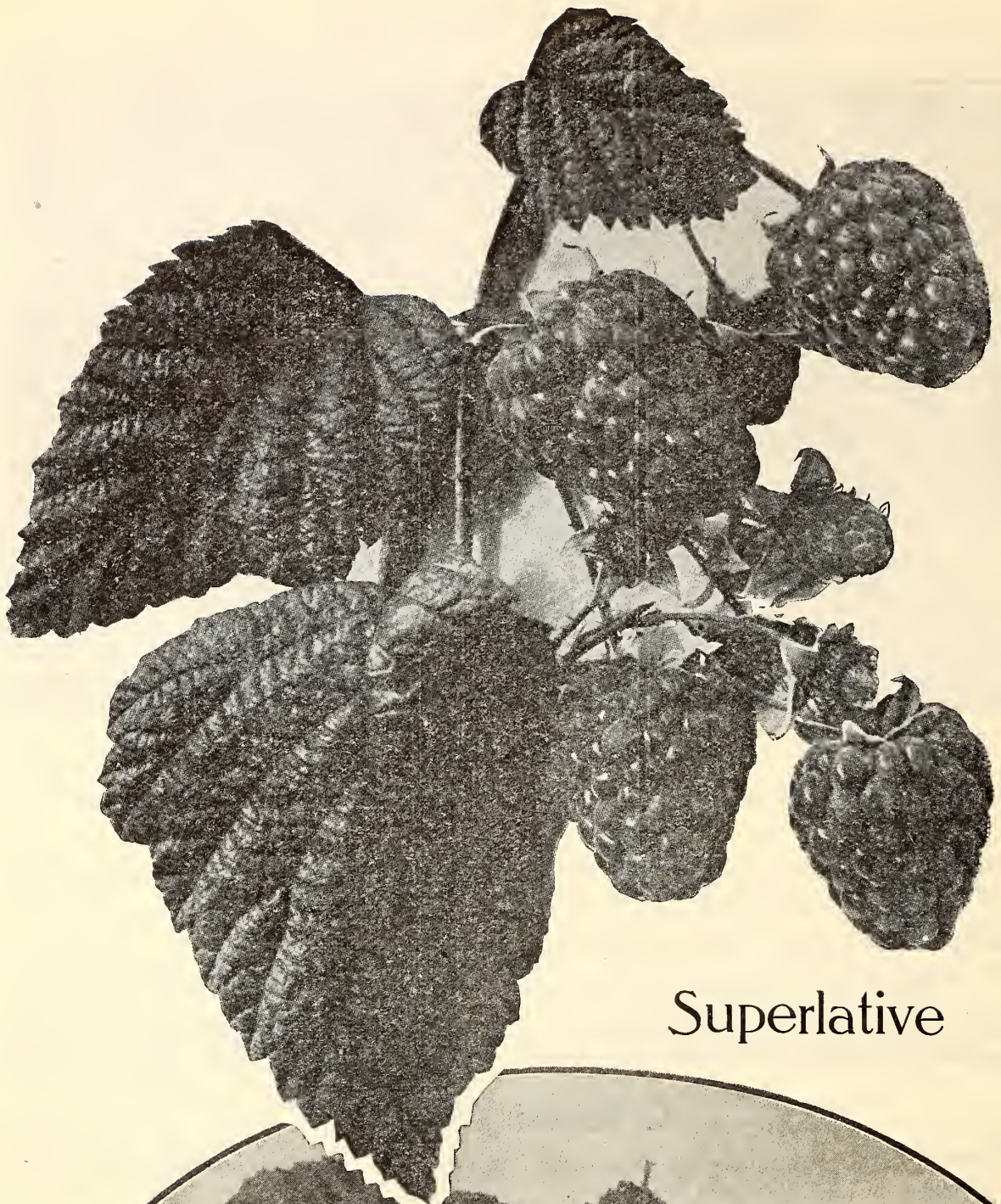
Perfection. This new variety is well named, and to date is the highest development in currants. The color is a beautiful bright red, and both berries and bunches are larger than Fay's Prolific. The size of berries is well maintained to the end of the bunch, and a very important feature is the extra long stems, making them easy to pick without crushing the fruit. It is a prolific bearer, rich, mild, sub-acid, with plenty of pulp and few seeds. Less acid and of better quality than any other large currant in cultivation.

JAPANESE WINEBERRY

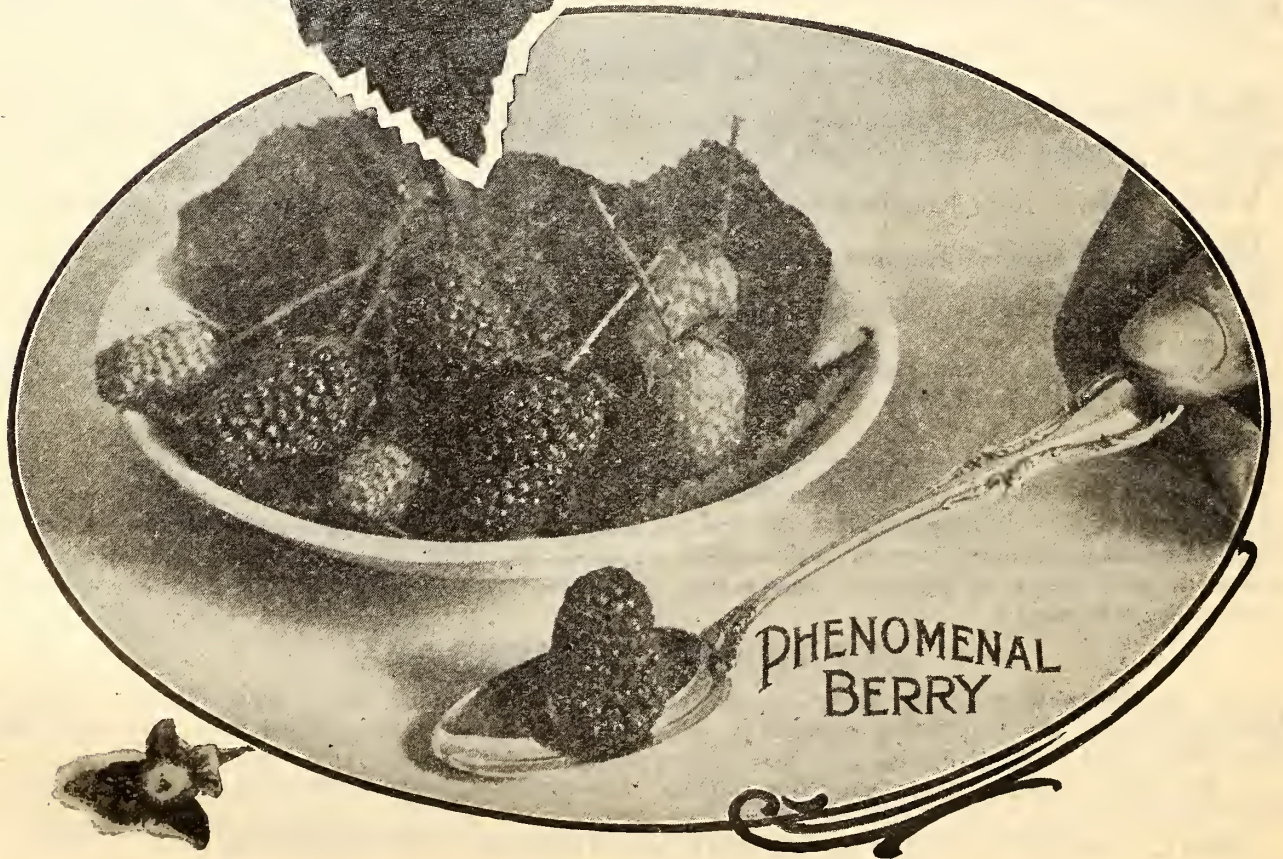
A decided novelty in the berry family, and a fruit of genuine merit, especially for home use. Very ornamental, the fruit being enclosed in pods similar to those of the crested moss rose until almost ripe. The yield is about the same as that of the raspberry. The fruit is delicious.

By mail, prepaid, Each, 25c; Doz., \$1.50. Not prepaid, Doz., \$1.25; 100, \$8.00.

SMALL FRUITS SHOULD BE PLANTED IN THE FALL OR VERY EARLY IN SPRING



Superlative



PHENOMENAL
BERRY

THE IMPROVED SUPERLATIVE RED RASPBERRY

So much has been written about the wonderful productiveness, size and merits of this berry, both as a shipper and table berry, that a description is inadequate. Suffice it to say that all horticulturists agree that it is the greatest berry and commercial success of the age. It is insect proof, splendid shipper, outyields all other varieties, very large, very heavy yields and of exquisite flavor.

A WARNING TO OUR CUSTOMERS.

The Chas. H. Lilly Co., Seattle, Wash.

Gentlemen: I notice that other firms are advertising the improved Superlative Berry and using my name as recommending same. I wish to advise you that my name is being used without my authority, and that the only Superlative Berry I recommend is the "New Improved Superlative," which you introduced last year, and which to my certain knowledge you absolutely control, so that the plants offered by other firms at as low a price cannot be the Improved Superlative. (Signed) J. F. LITTOOY.

We introduced and have the only genuine stock of Improved Superlative Raspberry. Beware of concerns offering them at low prices.

By mail, prepaid, Each, 20c; Doz., \$2.00.

By express, not prepaid, Doz., \$1.75; 100, \$15.00.

"The plants are all received in splendid condition, and I wish to thank you for the elegant manner in which you filled my order."

WM. N. FREEMAN,
Meadows, Idaho.

BURBANK'S PHENOMENAL BERRY

This is one of Luther Burbank's greatest berry triumphs. It is the result of a cross between the improved California dewberry and the Cuthbert raspberry. The berries grow in clusters of from five to ten, and are somewhat larger than the Loganberry, to which they have a close resemblance, but are far more productive, the canes much stronger and more vigorous; has a smaller core, and the same quantity of berries will make twice the amount of jelly. It is easily grown, is very firm, and is not only one of the most profitable berries for the fruit grower, but a few plants in the back yard will be a delight to the housewife. Method of training and pruning is the same as for the Loganberry.

By mail, prepaid, one year old, Each, 15c; Doz., \$1.50; two years old, Each, 25c; Doz., \$2.25.

By express, not prepaid, one year old, Doz., \$1.25; 100, \$7.50; two years old, Doz., \$2.00; 100, \$12.50.

"The Superlative and Phenomenal Raspberries last sent were excellent roots and in a good condition."

CHAS. F. EMERY,
Friday Harbor, Wash.

LOGANBERRY

A hybrid between the Raspberry and the Blackberry. Fruit an inch and a quarter long, dark red, as large as the largest Blackberry, and produced in immense clusters. Tastes of both the Blackberry and Raspberry, of a mild, pleasant flavor, delicious and peculiar to this; seeds small, soft and few; fruit ripens early, just after Strawberries, and before Blackberries and Raspberries. The vine trails upon the ground like the Dewberry. Canes are very large, without thorns, but with very fine, soft spines. It is excellent for the table, eaten raw. We offer fine, healthy plants.

By mail, prepaid, one year old (tips), Each, 15c; Doz., \$1.25; two years old, each, 20c; Doz., \$1.75.

By express, not prepaid, one year old (tips), Doz., \$1.00; 100, \$7.50; two years old, Doz., \$1.50; 100, \$10.00.

CUTHBERT RED RASPBERRY

A popular standard red variety, for market and home. Bears in great plenty berries of large, deep, rich crimson. A good variety for shipping and stands the heat and sun well.

By mail, prepaid, Each, 15c; Doz., \$1.00.

By express, not prepaid, Doz., 75c; 100, \$7.00.

LUCRETIA DEWBERRY

An early trailing berry of very prolific growth, bearing fine rich berries along the full length of the vines. Sweet and luscious, of a bright, glossy black color. A very profitable grower for home and market.

By mail, prepaid, Each, 25c; Doz., \$2.50. By express, Doz., \$1.25; 100, \$7.50.

The Choicest Blackberries

The NEW MAMMOTH

Supposed to be a cross between the Wild Blackberry of California and the Crandall's Early. A rampant grower, trailing on the ground; will grow 20 feet in a season; enormously productive and exceedingly early, ripening three weeks before other cultivated kinds. Fruit enormous, specimens measuring two and one-half inches long; seeds small, soft and abundant; core small and soft. In size and flavor surpasses all other varieties of Blackberries.

By mail, prepaid, one year old, each, 15c; doz., \$1.25; two years old, each, 25c; doz., \$2.00.
By express, not prepaid, one year old, doz., \$1.00; 100, \$8.00; two years old, doz., \$1.75; 100, \$15.00.

The HIMALAYA

Imported originally from the Himalaya Mountains by Luther Burbank, and brought to its present state of perfection through his efforts. It is a remarkable grower, it being nothing unusual for canes to grow forty feet in a single season. It should be trained on a trellis, and pruning should be done in the winter, the old canes being cut to spurs, something after the manner of pruning grape vines. It is an enormous bearer, and good shipper. The berries are large, round, juicy, coreless, sweet and firm, with a delicious aromatic flavor peculiarly its own. For canning and jams it has few equals, and is also an excellent table fruit. Its remarkable deep-rooting qualities enables it to produce large firm berries even in a very dry season.

By mail, prepaid, one year old, each, 15c; doz., \$1.25; two years old, each, 25c; doz., \$2.00.
By express, not prepaid, one year old, doz., \$1.00; 100, \$8.00; two years old, doz., \$1.75; 100, \$15.00.

The EVERGREEN

This popular variety was introduced from Oregon; has beautiful lacinated foliage, which it retains all winter, making it ornamental as well as useful; the berries are large, black, sweet, rich and delicious; vines hardy and vigorous.

By mail, prepaid, one year old, each, 15c; doz., \$1.25; two years old, each, 20c; doz., \$1.75.
By express, not prepaid, one year old, doz., \$1.00; 100, \$8.00; two years old, doz., \$1.50; 100, \$10.00.

A Splendid New Blackcap

Plum Farmer Black Raspberry

The photograph from which accompanying halftone was made was taken early in July, of the common run of berries, not especially selected, grown on the shores of Lake Washington, on new land, not irrigated or fertilized; they measure seven-eighths of an inch in diameter, have an excellent flavor, are firm and good shippers. The bushes are very strong growers and bear wonderfully. The berries are one-half larger than any other blackcap, and ripen much earlier than any other, about July 1st,

By mail, postpaid, 1 year old, 15c each; \$1.25 dozen.
2 years old, 25c each; \$2.00 dozen.

By express, not prepaid, 1 year old, \$1.00 doz.; \$8.00 per 100. 2 years old, \$1.75 per dozen; \$15.00 per 100.



WE GUARANTEE DELIVERY IN GOOD CONDITION WHEN SHIPPED BY EXPRESS

STRAWBERRIES

LAKE WASHINGTON.

(Bisexual, or Staminate; i. e., the rows do not have to be alternated with another variety to pollinize, or fertilize, the blossom.)

A grand new berry introduced by our grower on the shores of Lake Washington, the home of the most luscious strawberries, and destined to become the standard berry of the Northwest. Although of immense size, it is of fine texture and splendid flavor and color. It ripens medium early and continues until late. The plants are of great vigor, stool up heavily, and bear wonderfully. We have only a limited number of plants, so order early.

By mail, prepaid, Doz., 30c; 100, \$1.50.

By express, not prepaid, Doz., 20c; 100, \$1.25; 500, \$5.00; 1000, \$8.00.

MAGOON.

(Bisexual)

Late. A fine large berry of sub-acid flavor, good color and appearance. Very productive.

By mail, prepaid, Doz., 25c; 100, \$1.00. By express, not prepaid, Doz., 15c; 100, 75c; 500, \$3.00; 1000, \$5.00.

MARSHALL.

(Bisexual)

Late. Of extraordinary size, rich blood-red color, and having a rich aromatic flavor peculiar to itself, juice like syrup, and almost as sweet. Excellent for canning. The foliage is extra large, grows upright, with round leaves.

WILSON.

(Bisexual)

Medium early. An old favorite, and a heavy bearer of fine medium sized berries of sharp acid flavor and dark red color. A good variety for canning.

CLARK'S SEEDLING.

(Bisexual)

Medium early. This splendid berry is a general favorite on the Pacific Coast, and is the variety which has made this country famous. It is too well known to need description. Our plants are descended from the Kellogg strain, and are extra good.

We have a limited number of copies of a splendid little book, "Strawberry Culture," which will be furnished free with orders for strawberry plants, or to prospective purchasers, if asked for, as long as the supply lasts.

GRAPES

Concord. The most popular black grape. Hardy; succeeds everywhere.

Agawam. One of the best red varieties. Bunches good size; berry tender and juicy.

Catawba. Red; sweet and rich, with a pleasant musky flavor.

Worden. Black; hardy, fine quality.

Muscadine. The old reliable; one of the most prolific and finest for home use.

Delaware. One of the most desirable garden varieties; bunches small and very compact; berries small, violet-red, sweet and highly flavored.

Salem. A splendid coppery-red grape of good flavor; hardy.

By mail, postpaid, 25c each; \$2.50 dozen. By express, not prepaid, 20c each; \$2.00 doz.

When plants are sent by mail, it is necessary to send smaller plants, to remove all soil from the roots, and we do not guarantee delivery in good condition. Neither can we guarantee condition when shipped by freight. We recommend that they be shipped by express. You then get the best plants, properly packed, and we guarantee arrival at destination in good condition. If they are not in perfect condition when received, we should be notified immediately. We cannot guarantee the plants to grow, as there are too many conditions to contend with, such as improper planting and protection, unfavorable soil and weather conditions, etc. However, you will find us to be liberal, and if you have any reason for complaint, we will be glad to hear from you, and we make it a point to have only satisfied customers.

The Crop Book devotes considerable space to the culture of small fruits, as well as much other information of value to the farmer, gardener, or owner of a city lot. It is free with any order, or to persons who expect to give us an order later.

NITRO-CULTURE SOIL GERMS



OF the essential plant foods, Nitrogen, Phosphoric Acid and Potash, Nitrogen is the most important and, when applied in the form of chemicals, the most expensive. The air is four-fifths Nitrogen, and the leguminous plants, such as clover, alfalfa, peas and vetch, will draw the Nitrogen from the air, and distribute it in the soil, provided the roots of the plants bear the little nitrogen gathering nodules, as shown in accompanying half-tone. If the soil does not contain the germs which produce these nodules, it will not produce a satisfactory crop of clover or other legumes. This is the most common cause of failure

to get a good stand of these crops. The germs may be supplied by transferring soil from a field which has produced a good crop of the same legume with nodules on the roots, but that is an expensive operation, and also liable to transfer noxious weed seeds.

A simpler and more economical way to inoculate the soil is with Nitro-Culture, a scientific discovery developed by the United States Department of Agriculture.

The pure cultures for the various legumes are furnished in air-tight packages, and it is a simple matter to apply them to the seeds before sowing. Several references in regard to this appear in The Crop Book, which we furnish free with any orders, if requested, and the subject is covered by U. S. Dept. of Agriculture, Farmers' Bulletin No. 315, which can be procured through your Congressman.

Nitro-Culture is of use only on the legumes, Red Clover, White Clover, Mammoth Red Clover, Alsike, Alfalfa, Vetch, Field Peas, Garden Peas, Sweet Peas, and Beans, and Nitro-Culture for one of these legumes is of no use on any of the others, so that in ordering, it is necessary to state which legume it is to be used upon.

Furnished in the following sized packages only:

- Trial Packages, $\frac{1}{4}$ to $\frac{1}{2}$ acre, 50c, postpaid.
- One Acre Packages, \$1.50, postpaid.
- Five Acre Packages, \$5.00, postpaid.
- Twenty Acre Packages, \$18.00, postpaid.
- Fifty Acre Packages, \$40.00, postpaid.
- Garden Size Packages, for Garden Peas, Beans and Sweet Peas only, 25c, postpaid.

LILLY'S BEST LAWN LIME

Kills Dandelion, Plantain, Sorrel, etc., and makes grass grow luxuriantly.

A SCIENTIFIC, chemical compound, which, when applied as a Lawn Dressing, adheres to the flat leaves of weeds, absorbing their juices and burning them up. The narrow leaves of the grasses do not retain the material, and it works down to the roots, where it becomes a splendid fertilizer. A single application usually destroys every coarse-growing weed in the lawn, and in three or four weeks the grass will have a distinctly greener

and richer appearance.

One pound is sufficient for about forty square feet of very weedy lawn.

If you have a lawn, or a place to make one, write to us, and we will send you literature which you will find useful.

Prices: 2 lbs., 25c; 5 lbs., 50c; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

LILLY'S BEST Concentrated Fertilizer

A COMPLETE FERTILIZER prepared especially for those who require only a small quantity of fertilizer for general purposes, such as the vegetable garden, flower garden, roses, shrubbery, house plants, or the lawn. It is clean

and almost odorless. It may be applied either dry or dissolved in water. Analysis, Nitrogen 2%, Potash 4%, Phosphoric Acid 6%. Sold only in 5 lb. packages.

Cannot be mailed. Price, 25c.

LILLY'S BEST Pulverized Sheep Manure

PURE SHEEP MANURE is the best and strongest manure of all of nature's fertilizers, containing, as it does, Nitrogen, Phosphoric Acid and Potash in liberal proportions, however, to retain this high value, it must be handled properly, and the ammonia not allowed to escape.

the stock yards feeding sheds, where it is not exposed to the weather, is kiln-dried, thus reducing the weight more than one-half, but retaining all the valuable ingredients, is finely pulverized, screened and packed in 100 lb. bags.

LILLY'S Pulverized Sheep Manure is secured from

Ask us for circular in regard to it.

Prices: Package, 25c; 100-lb. bag, \$1.50; ton, \$25.00, f.o.b. Seattle.

ANY SOIL CAN BE MADE PRODUCTIVE IF PROPERLY TREATED.



Commercial Fertilizer

WHY USE COMMERCIAL FERTILIZER

First—Because it costs no more to plant, cultivate and harvest a full crop than it does a half crop.

Second—If a crop is healthy and makes a vigorous growth, it is not nearly so apt to be troubled with insects and other pests.

Third—On a crop where fertilizers have been used, the product is not only greater in volume but is almost invariably better in quality and will sell at more per bushel or per hundred-weight.

Fourth—The use of Commercial Fertilizer releases the plant food that is already in the soil but which is unavailable until the Commercial Fertilizer has been applied.

WHAT FERTILIZER WILL DO.

Every crop that is taken off the land removes so many pounds nitrogen, so many pounds phosphoric acid and so many pounds of potash. If this is replaced each year, the land will never become poor but thru cultivation will improve. We have several little booklets that go into this matter quite thoroughly and which are for free distribution, and we urge every one who is interested in fertilizers to send for these books. Even if you do not finally decide to use fertilizer, the information contained in these books is bound to be of value and there is no doubt but what some kind of fertilizer can be used on every soil and on every kind of crop to advantage.

PROFIT IN USING.

Whether or not you use fertilizer, should depend on whether you can get more than a dollar's worth of produce back for every dollar's worth of fertilizer you use on the soil. If the fertilizer is used correctly, there is no question but what it will give the desired returns, but of course the soil differs and the requirements of the different crops differ, so that in order to get the biggest returns a grower must have more or less of an understanding of the fertilizer question. It is our object to sell fertilizer only to the man who would get returns and want to help every grower, and to give every grower information enough so that when he does use fertilizer, there will be a profit in using it.

SOUR LAND.

The farmers of Western Washington and Western Oregon should study this matter very closely because if any of the chemical fertilizers, such as muriate of potash or nitrate of soda, are used on the land that is sour, the result will be injurious instead of beneficial, but, by first sweetening the land, fertilizers can then be used to good advantage. To ascertain if the land is sour, you can test with litmus paper, which may be obtained from any drug store, and any druggist will tell you how to make the test, or you can send us a sample of soil and we will have it tested as to the acidity. In order to correct this acidity, use from 1000 pounds to a ton of stone lime per acre; do not use land plaster or gypsum for this purpose as it is stone lime that is required. One application of the stone lime should last for five years, but if the land again becomes sour, after three or four years a much smaller dressing of lime will make it all right. After the land is sweetened as above described you can use commercial fertilizer and get big results.

COMPLETE OR MIXED FERTILIZER.

We mix the fertilizer for the benefit and convenience of our customer, or whenever preferred we sell the ingredients that we put into it, but especially where only a small quantity is used, there is convenience and economy in using the complete fertilizer. We give herewith the various fertilizers which we manufacture and handle, also show the analysis of each one. All mixed or complete fertilizers will always be found to contain as much or more of each ingredient as is claimed in our analysis. Every bag is marked with a tag showing the guaranteed analysis of the contents, according to the state law.

LILLY'S HOLLY LAWN DRESSING.

This contains 5 per cent Nitrogen, 5 per cent Potash, and 8 per cent Phosphoric Acid. Is put up in bags containing 100 pounds. It is made especially for use on lawns and flower gardens. It is odorless and while a portion of it is quickly available, yet good results will be seen for two years after using. Price, \$2.25 per 100 pounds; \$40.00 per ton.

LILLY'S POTATO FERTILIZER.

Put up in 100 pound bags. Contains Nitrogen 3 per cent, Potash 11 per cent, Phosphoric Acid 6 per cent. This is particularly adapted for potatoes, mangels or other root crops and has a large percentage of Potash and a small percentage of Nitrogen. This will develop the root growth without making excessive tops. It should be used from 800 to 1000 pounds to the acre. One ton of this mixture contains as much plant food as from fifteen to twenty tons of stable manure. The best way to apply it is to put a handful in each hill at the time the potatoes are planted, but do not let it come into direct contact with seed potatoes. \$2.00 per 100 pounds; \$37.00 per ton.

LILLY'S FRUIT AND HOP FERTILIZER.

This contains 4 per cent Nitrogen, 9 per cent Potash, 8 per cent Phosphoric Acid. Put up in 100 pound bags and should be applied from 500 to 800 pounds to the acre. It will increase the yield and will give the berries or other fruit a much better color and they will also be firmer and not so liable to injury from insects. \$2.20 per 100 pounds; \$40.00 per ton.

KANIT.

Put up in 225 pound bags. Contains 12 per cent Potash. This is a low grade of Potash Salt and can be advantageously used on celery, asparagus and the many other crops where the saline salt is advantageous. It should never be used late in the season after the dry, hot weather sets in, as the large percentage of salt in the fertilizer is liable to be injurious if used too late. \$1.50 per 100 pounds; \$20.00 per ton.

ASK FOR PRICES ON FERTILIZERS IN TON OR CARLOAD LOTS.

LILLY'S VEGETABLE FERTILIZER.

PUT up in bags containing 100 pounds. Contains 3 per cent Nitrogen, 5 per cent Potash, 11 per cent Phosphoric Acid. This is a general fertilizer for vegetable gardens. It contains the proper proportions of the different fertilizing elements and if used from 800 to 1000 pounds per acre the crop will be largely increased. In small vegetable gardens it is always economy to use a

good deal of Commercial Fertilizer. By its use you can grow as much on one acre as otherwise on two or three, and the labor of taking care of the crop is of course much less. Except in special cases, such as celery and asparagus, when it is best to use Kanit and certain potatoes and other root crops where it is better to use our other fertilizer, the complete vegetable fertilizer should be used.

\$2.00 per 100 pounds.

MURIATE OF POTASH.

Put up in 225 pound bags. Contains 50 per cent Potash. The fertilizer is especially valuable in Western Washington and the Willamette Valley, as Potash is a plant food that is deficient. Use about one sack to the acre.

\$3.50 per 100 pounds; \$6.30 per sack of 225 pounds; \$56.00 per ton.

SULPHATE OF POTASH.

Put up in 225 pound bags. Contains 50 per cent Available Potash. This is similar to Muriate of Potash but is free from chlorides, and can be used to advantage in some instances where the muriate can not be used. Advise all customers to send to us for a book on Potash Salts. Tells the difference between the various kinds and where each one is most valuable. Use about one sack to the acre.

\$3.75 per 100 pounds; \$6.75 per sack of 225 pounds; \$60.00 per ton.

KANIT.

Put up in 225 pound bags. Contains 12 per cent Potash. This is a low grade of Potash Salt and can be advantageously used on celery, asparagus and the many other crops where the chlorides are advantageous. It should never be used late in the season after the dry, hot weather sets in, as the large percentage of salt in the fertilizer is liable to be injurious if used too late.

\$1.50 per 100 pounds; \$20.00 per ton.

NITRATE OF SODA.

Contains 13 per cent Nitrate, in quickly available form. Nitrate of Soda is principally used for a top dressing and should not be used in general fertilizing as it is too free. After an application of Nitrate of Soda results will be seen within twenty-four hours and all the benefits will be had from the fertilizer within two or three weeks. It is used for forcing crops like lettuce, celery, etc., as it makes a large growth of leaves and tops. Should be applied at the rate of 150 pounds to the acre on field work or twice that in greenhouses or small gardens where cultivation is practiced. Better results will be had by putting on a small quantity at a time and making two or three applications than by one heavy application.

\$3.00 per 100 pounds; \$5.60 per sack of 200 pounds; \$56.00 per ton.

BLOOD AND BONE.

Put up in 100 pound sacks. Contains 5 per cent Nitrogen, 9 per cent Phosphoric Acid. An animal fertilizer, and it is very useful as it is rich in phosphoric acid and nitrogen. Also being made from animal product it adds a certain warmth to the soil.

Above analysis is a minimum and it will often-times exceed this analysis by 50 per cent.

\$2.00 per 100 pounds.

FISH GUANO.

Put up in 100 pound bags. Contains 8 per cent Nitrogen, 10 per cent Phosphoric Acid. Made from salmon fish scrap, and will show good results on any crop where a large growth of leaves is desired.

\$2.35 per 100 pounds; \$44.00 per ton.

SUPER-PHOSPHATE.

Put up in 100 pound bags. Contains 20 per cent Phosphate. This is a form of phosphate made from rock treated with acids. While the phosphoric acid contained is not as valuable as it is in bone meal, yet it is more quickly available, and for that reason is valuable at some times.

\$1.75 per 100 pounds; \$30.00 per ton.

LAND PLASTER OR GYPSUM.

Put up in 100 pound bags. This is not strictly speaking a fertilizer, as it adds nothing to the soil, but an application of 500 pounds per acre will add greatly to the crop when used on clover fields, beans or other legumes. On account of its action on the soil it releases the Potash that is in the soil and makes it available, but it does not add any plant food to the soil.

\$1.00 per 100 pounds; \$12.50 per ton.

BONE MEAL.

This contains 3 per cent Nitrogen and 22 per cent Phosphoric Acid. Bone Meal is the basis of almost all fertilizers and is probably the cheapest and most valuable fertilizer that we have. It is slower in action, but will not dissolve and waste in the soil, as the plant food contained in the bone meal is released only as fast as the roots of the plants take it up. Our Bone Meal is all made from the fresh bone, which contains all of the Phosphate.

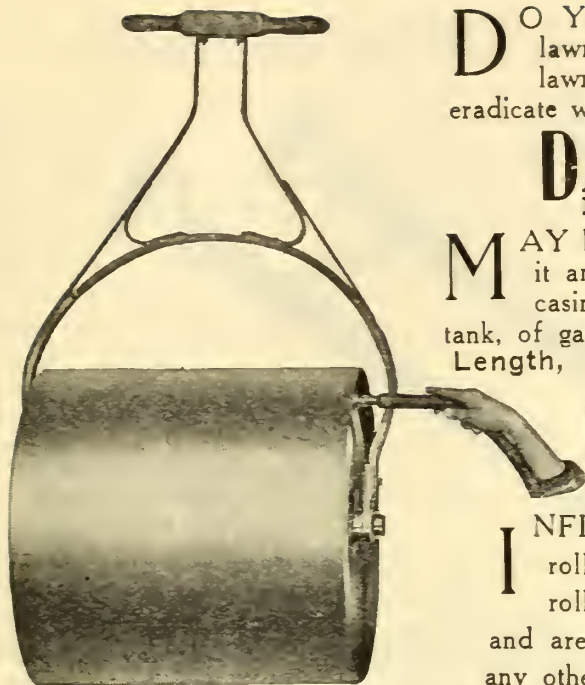
\$2.00 per 100 pounds; \$37.00 per ton.

THE CROP BOOK CONTAINS MUCH INFORMATION IN REGARD TO FERTILIZING.

DO YOU KNOW that the most essential tool for the care of a lawn is a roller? Expert gardeners say that fifty per cent of lawn troubles can be overcome by persistent rolling. Rolling will eradicate weeds, keep grass from dying out in spots, promote even growth

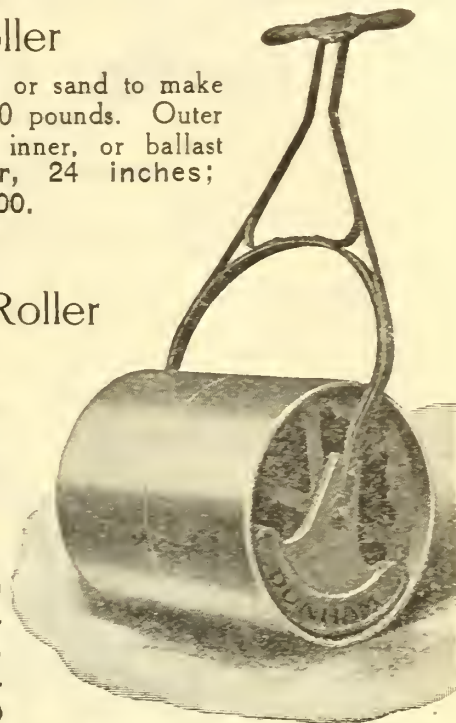
DUNHAM
Adjustable Lawn Roller
Ballast

MAY be loaded with either water or sand to make it any weight desired up to 500 pounds. Outer casing is made of steel, and inner, or ballast tank, of galvanized iron. Diameter, 24 inches; Length, 24 inches; Price, \$15.00.



DUNHAM
ROLLER BEARING Lawn Roller

INFINITELY superior to other rollers. They are the only roller-bearing rollers made, and are 44% lighter running than any other roller, by actual test.



No. 405. Diameter 20 inches; Length 20 inches; One Section; Weight 250 pounds. Price, \$18.00

No. 407. Diameter 20 inches; Length 24 inches; Two Sections; Weight 300 pounds. Price, \$21.25

No. 408. Diameter 20 inches; Length 30 inches; Three Sections; Weight 350 pounds. Price, \$25.00

LILLY'S BEST BALL BEARING Lawn Mower

THE BEST lawn mower that can be purchased at any price. Light-running, strong and durable. Fitted with Special Ball-Bearing Adjusting Device and the best quality steel balls. Cups and cones perfectly ground and dust proof. Wheels 10 inches in diameter. Adjustable Reel $5\frac{3}{4}$ inches in diameter; four blades. All wearing parts adjustable.

Prices: 12-inch, \$7.25; 14-inch, \$7.75; 16-inch, \$8.25.

LILLY'S HIGH GRADE BALL-BEARING LAWN MOWER.

FITTED with Special Ball-Bearing Adjustment and high grade hardened steel balls. Cups and cones ground, polished and dust proof. Wheels 9 inches in diameter; reels $5\frac{3}{4}$ inches; four blades. Warranted against defective material and workmanship. Light-running, strong and durable.

Prices: 12-inch, \$5.50; 14-inch, \$6.00; 16-inch, \$6.50.

LILLY'S SPECIAL LAWN MOWER.

THIS is a low priced mower, but not a cheap machine. Made of first-class material throughout, and guaranteed against defects in material or workmanship. Wheels 9 inches, and reel $5\frac{3}{4}$ inches in diameter; three blades.

12-in. \$3.75.

4-in. \$4.00.

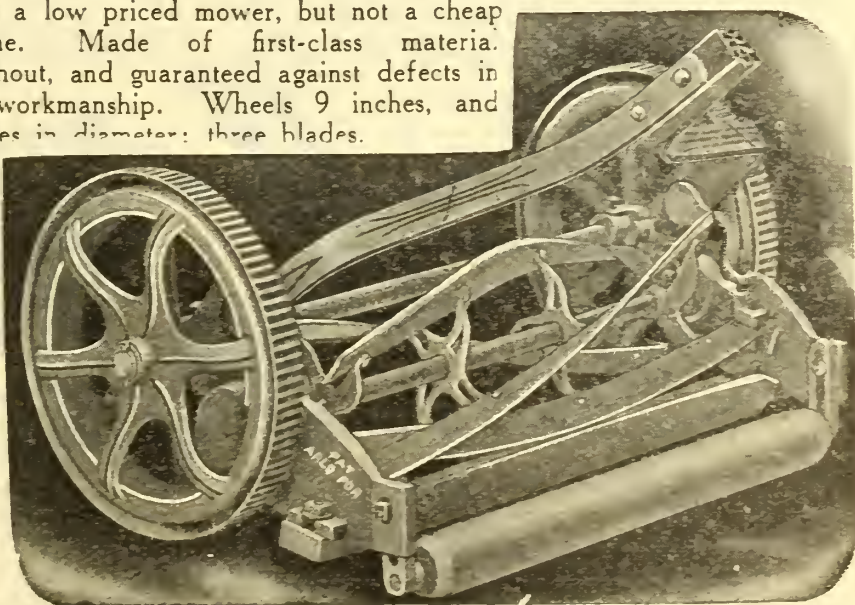
6-in. \$4.50.



PAT. APPLD. FOR

DIAMOND LAWN EDGER.

THE simplest, cheapest, and most satisfactory device for trimming edges of lawns and for outlining flower beds. Has wheel and adjustable gauge. Weight 5 lbs.



ASK US FOR COMPLETE DESCRIPTION OF LAWN ROLLERS AND LITERATURE ON LAWNS.

The EXCELSIOR Garden Cultivator

Guaranteed to be the
BEST CULTIVATOR made

The inventor of these machines was for many years a successful gardener and onion grower, and they are constructed on practical lines.

It is not necessary to explain the benefits to be derived from the use of hand cultivators and drills, for every farmer and gardener who considers his time and labor of any value knows that they will pay for themselves in a very short time, even in the small home garden.



weak points, and the materials are of the best.

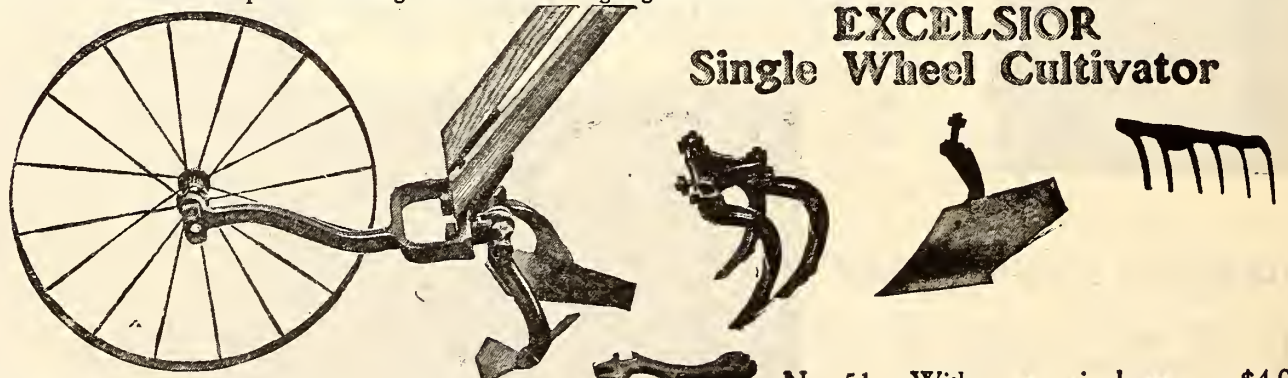
One of the important features of the Excelsior, the value of which will immediately impress itself upon the grower of any crop which requires hand weeding, is the simple manner in which the hoes can be tilted or adjusted to meet the most exacting demands of the operator.

The Excelsior Machines are radically different, both in design and construction, from all other makes of hand cultivators, enjoying a reputation among those who, by their experience, are qualified to judge, as being the most practical and easiest running machines on the market.

Excelsior Double Wheel Cultivator

No. 61.	With one pair hoes.....	\$5.00
No. 64.	With one pair hoes and two gangs cultivator teeth.....	6.50
No. 65.	With one pair hoes, two gangs cultivator teeth and one pair plows.....	7.50
No. 66.	With one pair hoes, two gangs cultivator teeth, one pair plows and one pair rakes.....	8.00
No. 70.	With one pair weeding hoes.....	5.50
No. 71.	With one pair weeding hoes and two gangs cultivator teeth.....	7.00

They are properly balanced, light and strong; there is no extra weight where weight is not necessary, no



EXCELSIOR Single Wheel Cultivator

No. 54.	With one pair hoes and one gang cultivator teeth.....	\$4.00
No. 55.	With one pair hoes, one gang cultivator teeth and one plow.....	4.70
No. 56.	With one pair hoes, one gang cultivator teeth, one plow and one rake.....	5.80

Extras for either of these machines can be procured at any time at the following prices: Hoes, 50c per pair; Gangs, of Three Cultivator Teeth, 75c per gang; Plows, 75c each or \$1.50 per pair; Rakes, 50c each; Weeding Hoes, \$1.20 per pair.

If you are interested, ask for an Excelsior Catalog,

IF YOUR TIME IS WORTH ANYTHING, IT WILL PAY TO BUY A CULTIVATOR.

EXCELSIOR SEED DRILL

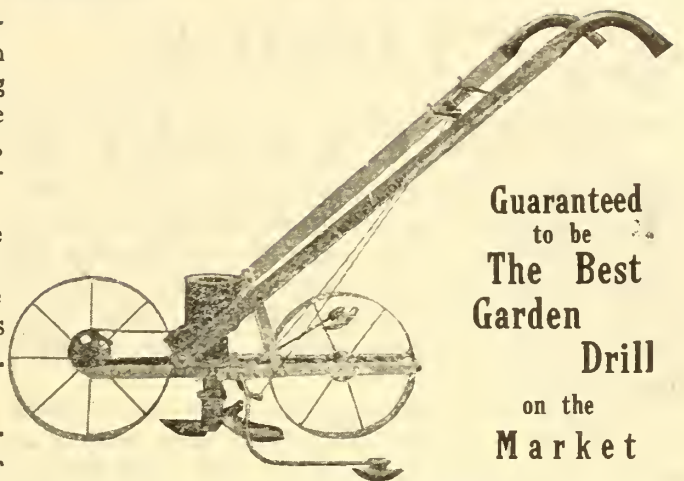
THIS ALL-STEEL DRILL is an improvement over the famous Excelsior Drill which has given such excellent satisfaction among gardeners. The working parts are practically the same, but its steel construction makes it much lighter, more durable, easier running and better adapted for use with Fertilizer Attachment.

No. 42. Excelsior Steel Straight Line Seeder, \$11.00.

No. 40. Excelsior Cast Iron Straight Line Seeder. Similar to No. 42, except that it is made of cast iron, \$10.00.

Fertilizer Attachment, for either drill, \$3.00.

Attachment for sowing Onion Seed for Sets, \$2.00.



Guaranteed
to be
The Best
Garden
Drill
on the
Market

May we mail you the EXCELSIOR Cat.

Iron Age Garden Implements

No. 6 IRON AGE Combined Double and Single Wheel Hoe, Hill and Drill Seeder. Can be quickly and easily changed from a Hill Seeder to a Drill Seeder, or to a Hoe or Cultivator with either one or two wheels. Complete, as illustrated, with 2 hoes, 4 teeth, 2 plows and 2 rakes. Weight 57 lbs. \$14.00

No. 14. Same as No. 6, without plows or rakes. Wt. 52 lbs. 13.00

No. 7. Hill and Drill Seeder only. Same as No. 6, without hoes, teeth, plows or rakes. Weight, 43 lbs. 11.00

No. 1. Cultivator only. Same as No. 6, without Hill or Drill Seeder. Weight, 40 lbs. 9.50

No. 3. Double and Single Wheel Hoe only. Same as No. 6 without Seeder. Weight, 34 lbs. 6.25

No. 13. Double and Single Wheel Hoe and Cultivator. Same as No. 6 without seeder, plows or rakes. Weight, 36 lbs. 7.25

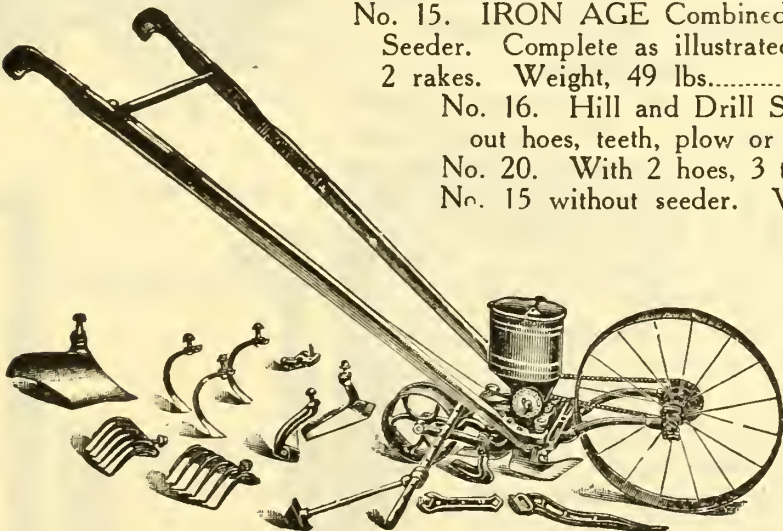
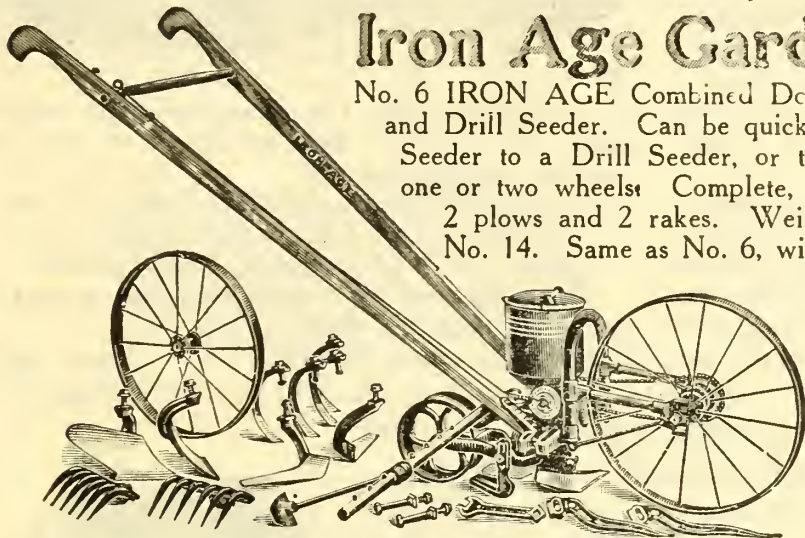
No. 22. Same as No. 6 with Fertilizer Attachment. Weight 65 lbs. 20.00

No. 15. IRON AGE Combined Single Wheel Hoe, Hill and Drill Seeder. Complete as illustrated, with 2 hoes, 3 teeth, 1 plow and 2 rakes. Weight, 49 lbs. 12.00

No. 16. Hill and Drill Seeder only. Same as No. 15, without hoes, teeth, plow or rakes. Weight, 38 lbs. 11.00

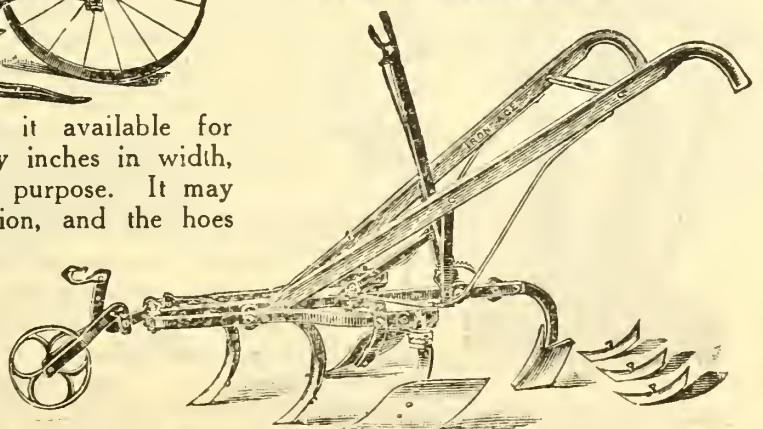
No. 20. With 2 hoes, 3 teeth, 1 plow and 2 rakes. Same as No. 15 without seeder. Weight, 28 lbs. 6.00

No. 21. With hoes only. Same as No. 15 without seeders, teeth, plow or rakes. Weight 22 lbs. 5.00



Iron Age Horse Hoe and Cultivator

With adjustments and attachments making it available for many uses. It may be expanded to thirty inches in width, or contracted sufficiently for any ordinary purpose. It may be adjusted for deep or shallow cultivation, and the hoes and teeth may be arranged to throw the soil either to or from the plants, and to ridge or furrow. Weight, 83 lbs. 10.00



IF YOU ARE INTERESTED ASK FOR "IRON AGE" CATALOGUE.

GARDENING IS A PLEASURE IF YOU HAVE THE PROPER TOOLS.

The CLIPPER

GRAIN, SEED and BEAN CLEANER

THE CLIPPER is the leading seed cleaner, and is the machine most universally used by seedsmen. It is adapted for cleaning all classes of grain or seeds, such as wheat, corn, oats, barley, rye, beans, peas, buckwheat, kaffir corn, cane seed, millet, clover, alfalfa, timothy, mustard, flax, etc.

It is a well known fact that there is no work done on the farm that brings such large returns as thoroughly preparing the grain and seed by re-cleaning before sowing.

No. 1 Hand Power Grain and Seed Cleaner.

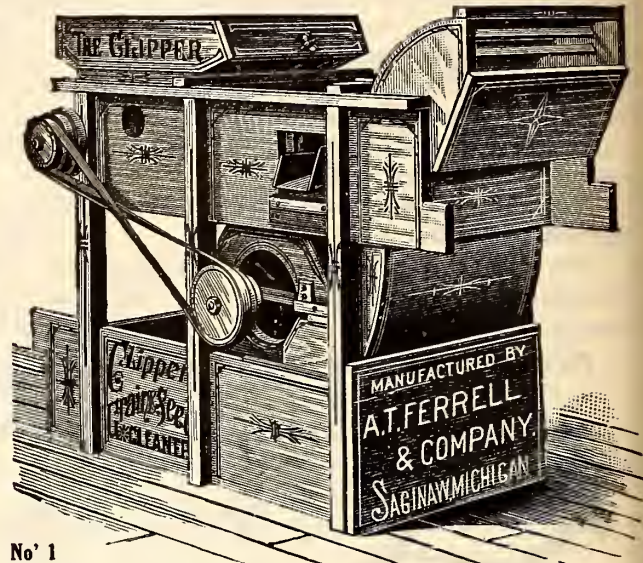
Capacity: Market Wheat, 40 bushels per hour.
Clover Seed, 12 bushels per hour.

Size of screens, 19x30 inches. One wire and nine perforated zinc screens equipped with spreading boards furnished with each cleaner.

Shipping weight, 150 lbs. **Price, \$28.00.**

No. 2 Hand Power Grain and Seed Cleaner.
This is a hand-power cleaner of large capacity. It is very light running, designed especially for cleaning all kinds of fine seeds, such as clover, timothy, alfalfa, millet, flax, red top, blue grass, etc.

Ask us for circular giving more complete description of the Clipper Seed Cleaner.



No. 1

It is the same as No. 1 in general principle, and will make any separation that the No. 1 or any other machine can possibly do.

Capacity, 20 bushels of clover seed per hour.
Floor space, 2 ft. 6 in. by 4 ft. 2 in.
Height, 39 inches. Sieves, 25x33 inches.

Two wire, and eight perforated zinc screens are furnished with this mill.

Shipping weight, 210 lbs. **Price, \$37.50.**

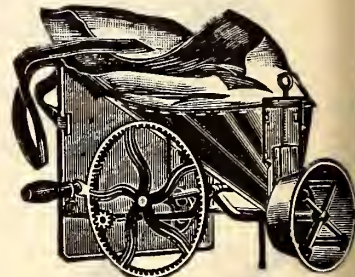
IMPROVED LITTLE GIANT BROADCAST SEEDER.

THE best little machine on the market for the price. Light, strong, easy running. Does the work easily, and much better than can be done by hand. Weight only 3 1/2 lbs.

No. 3. Price, \$1.90.

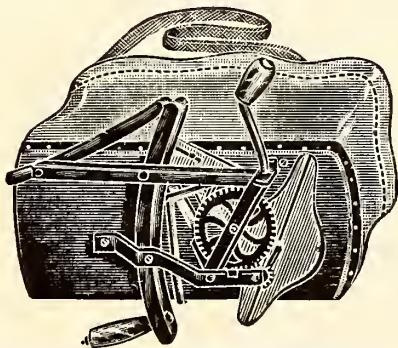
CAHOON BROADCAST SEEDER.

THE best and most popular broadcast seeder. Will seed evenly any grass or grain seed at the rate of Weight, 6 lbs. 4 to 6 acres per hour.



CAHOON

Price, \$3.50.



Improved Little Giant, No. 3

ACME POTATO PLANTER.

A PRACTICAL time and labor saver. Simple, strong and durable. Drops the seed at any depth required. Does the work of two men.

Weight, 2 3/4 lbs. No. 1050. \$1.00.

ACME CORN PLANTER.

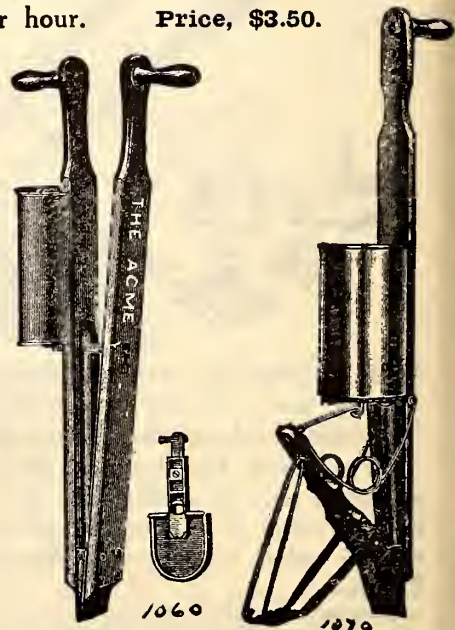
STRONGLY made, simple and accurate. The dropping device may be set for any number of kernels. Composed of few parts, with nothing to get out of order. Weight, 4 lbs.

No. 1060. \$1.00.

GORDON CORN PLANTER.

THE lightest, strongest and most accurate corn planter made. Easily adjusted. Will not crack the grain. Being light and well balanced, it does not tire the operator.

No. 1070. \$1.75.



1060

1060

1070

MONEY SPENT FOR LABOR SAVING MACHINERY IS WELL INVESTED.

EUREKA SEED DRILL.

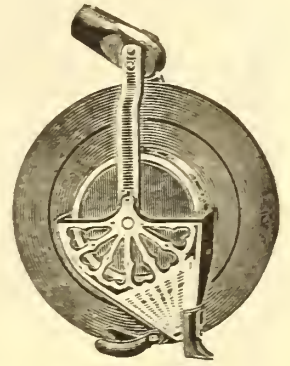
A HANDY LITTLE DRILL for small gardens and hotbeds. Makes the furrow, drops the seed accurately and covers it at one operation. Weight, 2½ lbs.

Price, \$1.00.

LITTLE GIANT MOLE TRAP.

T HE SIMPLEST, safest and strongest mole trap on the market. No danger in setting it. Set by pulling up the plunger rod; the tripper catches itself. Made of heavy cold rolled steel, thoroughly galvanized.

Price, 75c.



No. 1038.

OUT O' SIGHT GOPHER TRAP.

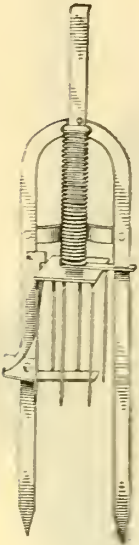
A box and spring arrangement. Catches them every time. Weight, 11 ounces.

Price, 25c.

OUT O' SIGHT MOLE TRAP.

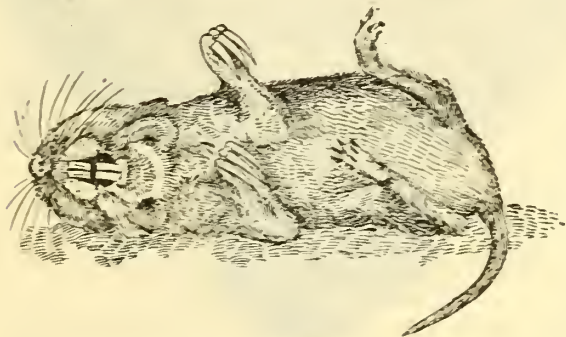
Neat and effective. No mole can pass under it and live. 2 lbs.

Price, 75c.



ERICKSON'S EXTERMINATOR.

KILLS gophers, squirrels, sage rate, rabbits, rats, prairie dogs, or anything that burrows under the ground. Made in the form of a cartridge, which is inserted in the burrows. Unlike poison, they have to take it, whether they want to or not. Ask us for circular. 5c each.



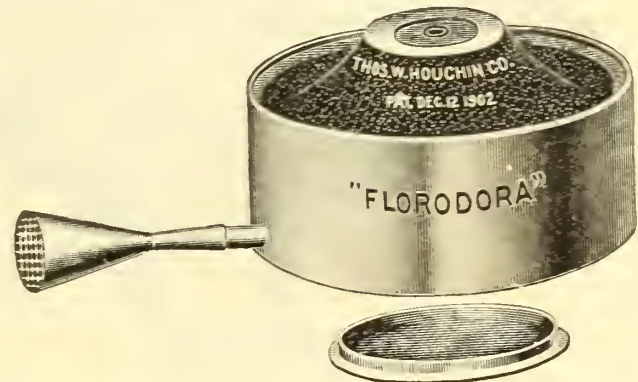
GOPHERGO.

IS SURE TO KILL, easy to use, cheap, and will kill ten gophers where traps and other devices get one. It is a poison that they will eat.

Put up in cans of four sizes. The large can will kill 800 to 1000 gophers.

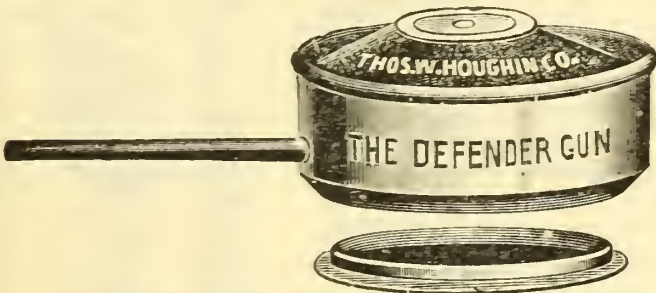
Prices: 25c, 50c, \$1.00 and \$2.50.

ASK FOR OUR CIRCULAR.



FLORODORA INSECT POWDER GUN.

EXTRA Large; holds ½ lb. of powder. Can be used with one hand. Especially adapted for spraying plants, shrubbery and animals of all kinds. Price, 35c; postage 5c.



DEFENDER INSECT POWDER GUN.

Small. Gold lacquered tin. Large opening for powder. Price, 10c. Postage, 2c.



INSECT POWDER BELLOWS.

A very effective and strongly made bellows for applying any dry powder to plants, poultry or animals.

Prices: Small, \$1.25. Postage, 10c.

Large, \$1.50. Postage, 25c.



JUMBO INSECT POWDER GUN.

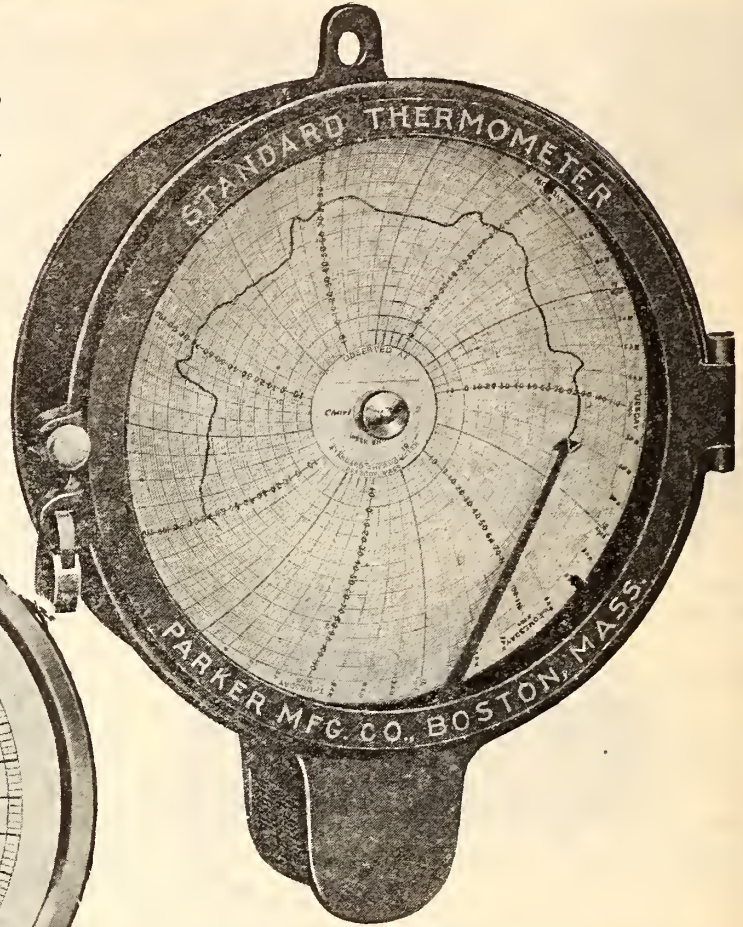
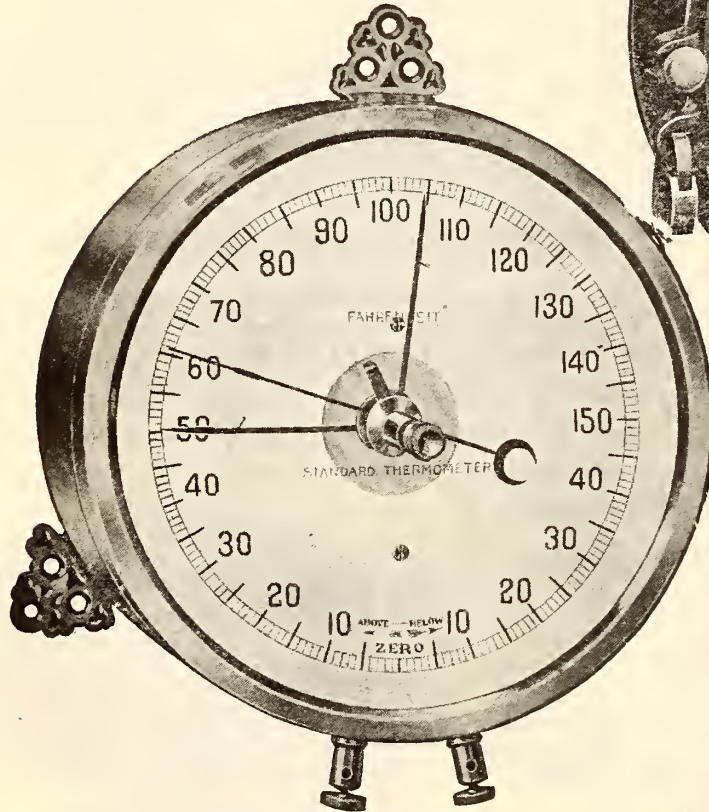
Large. Holds ¼ lb. of powder.

Price, 25c; postage 5c.

RECORDING THERMOMETER.

REGISTERS from 20 degrees below zero to 120 degrees above, making an indelible record on either a daily or weekly chart, which may be referred to at any time, showing the exact temperature at any time during the day or week.

- No. 2. Weekly Chart. Price, \$25.00.
- No. 3. Daily Chart. Price, \$25.00.



STANDARD THERMOSTAT.

MAY be set at any two points, and when connected with an electric bell, will ring the bell when the temperature rises or falls to those points. Indispensible in greenhouses, orchards or dry kilns. Diameter, 6 inches.
 Style 1. Price, \$6.00.

POT LABELS.

	Weight		
	per 100	100	1000
Wood, painted.			
3 1/2 in.	5 oz.	\$.10	\$.60
4 in.	5 oz.	.10	.65
5 in.	6 oz.	.15	.85
6 in.	8 oz.	.20	1.05
12 in.	21 oz.	.75	6.00

TREE LABELS.

	per 100	100	1000
Wood, painted.			
3 1/2 in. Notched	6 oz.	\$.15	\$.80
3 1/2 in. Iron Wired	7 oz.	.20	1.10
3 1/2 in. Copper Wired	7 oz.	.25	1.30

BAMBOO PLANT STAKES.

6 ft. 20c doz.; 75c per 100; \$6.00 per 1000.

FERN PANS AND 3/4-POTS.

Sizes 4 to 12 inches. Prices same as for Flower Pots.

GRAFTING WAX.

Our own make; extra good. 1/2 lb., 15c; lb., 25c.

RAFFIA.

Natural color; for nursery work. 1 lb., 25c; 10 lbs., 18c per lb; bale, 12c per lb.

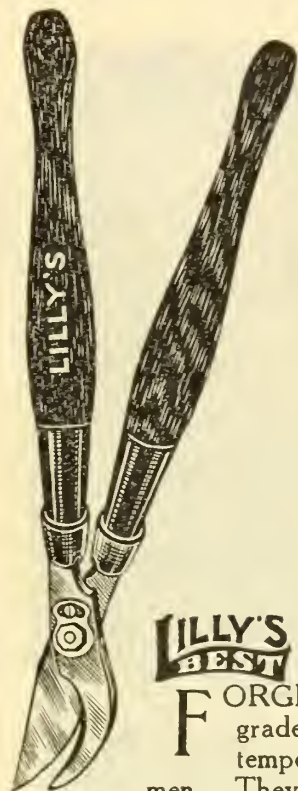
FLOWER POTS.

	1000	100	Doz.	Each.
2 inch	4.25	.65	.15	.02
2 1/2 inch	6.00	.85	.15	.02
3 inch	9.50	1.25	.20	.03
3 1/2 inch	13.00	1.60	.30	.05
4 inch	15.00	2.10	.30	.05
5 inch	25.00	4.00	.70	.07
6 inch	35.00	5.00	1.00	.10
7 inch	75.00	7.50	1.25	.12
8 inch		10.00	1.60	.15
9 inch		15.00	2.50	.25
10 inch		22.00	3.50	.30
12 inch		35.00	5.00	.50

NEPONSET FLOWER POTS.

Made of heavy waxed paper; splendid for shipping plants; unbreakable, light and economical. Ask for samples.

Size.	1000	100
2 1/4 inches	\$3.00	\$.40
2 1/2 inches	3.50	.50
3 inches	5.50	.75
4 inches	10.00	1.25



LILLY'S BEST Tree Pruner

FORGED from a very high grade of tool steel, finely tempered by expert workmen. They have lock nuts which cannot work loose. There is no better shear made. Handles 22 inches long; shears 28 inches over all. Warranted. Price, \$2.50.

PRUNING KNIFE.

One blade, best steel; 4½ inch cocoa handle; steel lined; polished bolster and cap.

No. 4671. 90c. Postage 10c additional.

MASTICA.

For glazing greenhouses, etc. Better than putty, and much easier to apply. 1 gallon to 290 lineal feet. In one-gallon cans only. \$1.60 per gal.

MASTICA MACHINE.

For applying Mastica. Weight 20 ounces.

\$1.40.



SCOLLAY'S PLANT SPRINKLER.

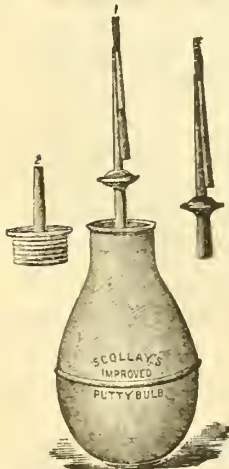
For sprinkling house plants. The angle neck is convenient for sprinkling under side of leaves.

Price, \$1.00. Postage, 10c.

SCOLLAY'S PUTTY BULB.

For applying putty or Mastica on greenhouse sash, etc. Very successful. Full directions enclosed.

Price, \$1.00. Postage, 10c.



WATER'S TREE PRUNERS.

A shear mounted on long pole; very convenient for topping trees.

Prices: With 8 foot Pole, \$1.00; with 10 foot Pole, \$1.10; with 12 foot Pole, \$1.25.



LILLY'S BEST PRUNING SHEARS

HERE IS A SHEAR that is strong and durable, and is the easiest cutting Pruning Shear made today. Length 8¾ inches. Has adjustable nut and brass springs. All blades, springs and bolts are interchangeable. Made from the very best material, and each shear is carefully tested. The No. 3 shears have black handles and polished blades. The No. 2 shears are polished steel, and the frames are made of a better quality of steel. Fully guaranteed. If broken within six months, with ordinary usage, they will be replaced.

Prices, No. 3, \$1.50; No. 2, \$2.50. Postage 15c additional.

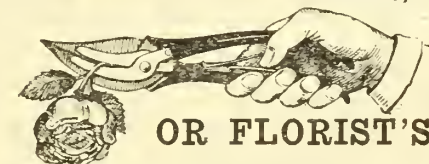
LILLY'S BEST No. 4 Pruning Shears

THIS, although a much cheaper pruner, is good for ordinary and light work. It may be used for orchard work, also, but is built on a lighter design than our No. 2 and No. 3. Length 8¾ inches. Black filled handles; polished blades.

Price, 80c. Postage, 10c.



ROSE, OR FLORIST'S SHEARS.



A COMBINED shear and holder. Indispensable to flower and fruit growers. In pruning rose bushes or shrubbery, or picking flowers, the prunings or flowers are cut off and held firmly by the shears, leaving the other hand free. As a grape picker, there is nothing equal to it. Length 6¾ inches. Made of highest grade steel, finely tempered and ground sharp. Japanned handles.

Price, 75c. Postage, 10c.

CALIFORNIA CRESCENT PRUNING SAW.

Curved, with teeth on concave side. Best quality steel.

No. 4664. 12 inch blade, 60c. Postage, 10c.
No. 4664. 14 inch blade, 75c. Postage, 15c.

BUDDING KNIFE.

One blade, best steel; 3½ inch ebony handle; brass lined; German silver bolster; ivory tipped.

No. 4672. 90c. Postage, 5c.

DUPLEX PRUNING SAW.

A double edged saw, with fine teeth on one side and coarse teeth on the other.

No. 4663. 14 inch blade, 60c. Postage, 10c.
No. 4663. 16 inch blade, 70c. Postage, 15c.

PEERLESS GLAZING POINTS.

For greenhouse and hot-bed sash. Only two required for each pane of glass, and so constructed that glass cannot slide. 1000 to a pound.

Price, 75c per 1000. Postage, 16c per 1000.

POULTRY SUPPLIES

HOLLY CHICK FEED. A complete ration for little chicks. Contains everything required to produce healthy chickens except green food and water.

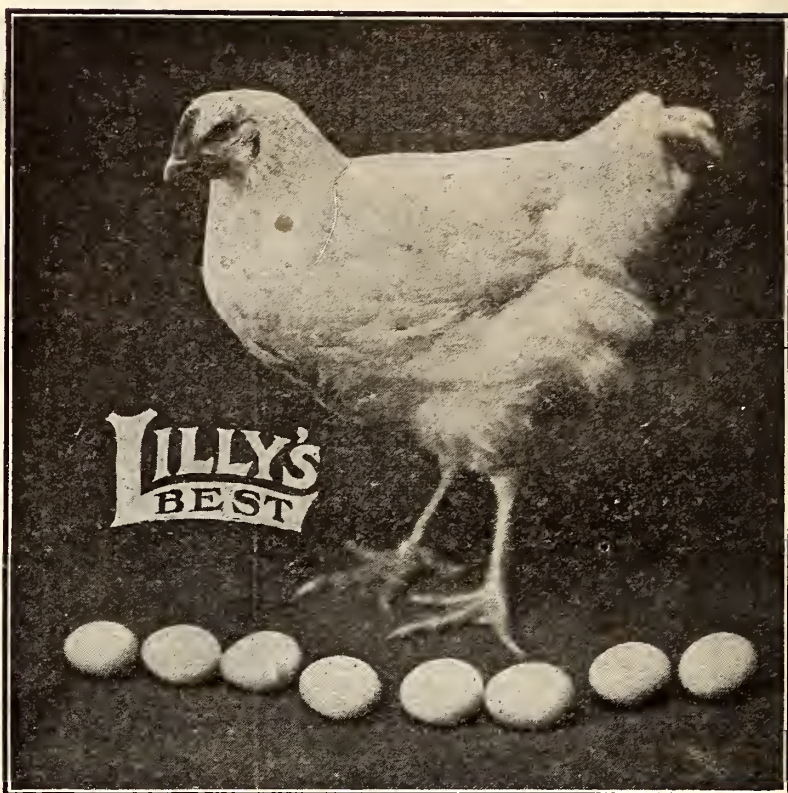
LILLY'S BEST SCRATCH FOOD.

The best mixed grain feed. When fed in conjunction with Common Sense Egg Food makes a complete ration.

COMMON SENSE EGG AND FEATHER FOOD. May be fed either as a mash or dry, and makes muscle, bone, feathers and eggs.

LILLY'S BEST BEEF SCRAPS. 55 per cent Protein. Meat in some form is necessary for poultry, and this is the best and most convenient form. 10 lbs., 50c; 100 lbs., \$4.00.

LILLY'S BEST GROWING FEED. A mixed grain ration, intermediate to Holly Chick Feed and Scratch Food, for chicks between the age of thirty and ninety days; keeps them active and healthy, and makes them grow like weeds.



FOR PRICES OF POULTRY FOODS SEE PRICE LIST ENCLOSED

DARLING'S BEEF MEAL. Contains a large percentage of protein, and is a very nourishing egg food, free from adulterations. 10 lbs., 40c; 100 lbs., \$3.50.

LILLY'S BEST BLOOD MEAL. Pure blood dried, ground and thoroughly deodorized. Contains no bone or other foreign substance. 10 lbs., 50c; 100 lbs.,

LILLY'S BEST GRANULATED BONE. Pure, fresh, sound bones, steamed, dried and granulated. All of the grease and moisture is extracted. Very rich in protein.

LILLY'S BEST GRANULATED SHELL. Lime is necessary for the production of egg shells, and this is the most practical and convenient form.

LILLY'S BEST CRYSTAL GRIT. Poultry must have grit of some kind to digest their food. This is much better than gravel, as it is sharper.

LILLY'S BEST ALFALFA MEAL. The best substitute for green food, and necessary for health and egg production when green food cannot be had.

LILLY'S BEST ROUP CURE. A sure cure for Roup, Canker, Gap and Pip. If it does not cure we will refund your money. 50c postpaid.

LILLY'S BEST CHOLERA CURE. Cures Cholera, Diarrhoea, Blackhead, Weak Legs and all disorders of the intestines. 50c postpaid.

LILLY'S BEST POULTRY PEPPER. Pure, strong cayenne pepper. Needed by poultry at all times as a condiment and tonic. 1 lb., 25c; 25 lbs., \$4.00.

LILLY'S BEST POULTRY TONIC. The Great Digester and Strengtheners. A reliable medicated food which will keep poultry in a healthy, active condition.

Small package, 25c; large package, 50c; 25 lbs., \$2.50.

LILLY'S BEST CHARCOAL. A great preventative of disease. Should be mixed with the feed two or three times a week, or kept in a hopper.

LILLY'S BEST INSECT POWDER. To dust on setting hens, little chicks and in the nests. Will not harm the chicks, but is sure death to lice. 1 lb., 25c.

LILLY'S BEST LICE KILLER. The most popular and effective lice killer made. Lice cannot exist where it is used according to directions. Quart, 35c; gallon, \$1.00; 5 gallons, \$3.50.

DARLING'S BEEF SCRAPS. The original, best known and most popular beef scrap on the market. There is more of this sold on the Pacific Coast than of all other brands combined. In 100 lb. bags only. \$4.00 per 100 lbs.

HOLLY PIGEON FEED. A carefully proportioned combination of all the grains, etc., needed by pigeons. Fully up to the high standard of all of Lilly's Best Poultry Foods.

IF YOU ARE INTERESTED IN POULTRY, ASK FOR OUR COMPLETE POULTRY SUPPLY CATALOG.

WALL FOUNTS.

To hang on wall or fence, where dirt cannot get into them. Made of heavy galvanized iron.

- No. 1210. 1 quart, 40c each; \$4.50 dozen.
No. 1040. 1 gallon, 50c each; \$5.50 dozen.
No. 1041. 2 Gallons, 75c each, \$8.50 dozen.
No. 1070. LILLY'S Easy-Clean, 1 gallon, 40c each; \$4.50 dozen.

DRINKING FOUNTS.

To set on floor or platform; two pices, easy to clean. Heavy galvanized iron.

- No. 1037. 1 quart, 30c each; \$3.25 dozen.
No. 1038. 2 quarts, 35c each; \$3.75 dozen.
No. 1039. 3½ quarts, 45c each; \$5.00 dozen.
No. 1211. 7 quarts, 60c each; \$6.75 dozen.

GRIT AND SHELL BOX.

For feeding grit, shell, charcoal, beef scraps, dry mash, or any kind of dry food. Galvanized iron.

- No. 1042. Three compartments, 60 each; \$6.75 dozen.

CANFIELD FOOD AND WATER CUPS.

Especially adapted for use on exhibition coops. Sheet iron, heavily enameled. Holds ½ pint.

15c each; \$1.50 dozen.

LILLY'S SHIPPING COOP.

For shipping fancy poultry. The lightest and strongest shipping coop on the market.

- No. 1. For one bird, 80c each; \$8.00 dozen.
No. 2. For two birds, \$1.00 each; \$10.00 dozen.

EYRIE SHIPPING COOP.

Strongly built, light and durable.

- No. 1014. One large bird, 40c each; \$3.60 dozen.
No. 1015. Two large birds, 60 ea; \$6.00 dozen.

SEFTON LIVE CHICK BOX.

For shipping little chicks. Corrugated paper.

- 25 chicks size, 15c each; \$1.50 per dozen.
50 chicks size, 20c each; \$2.00 per dozen.
100 chicks size, 30c each; \$3.25 per dozen.

EYRIE EGG BOX.

The best box for shipping fancy eggs.

- No. 1012. 15 eggs, 25c ea.; 6, \$1.25; \$2.40 doz.
No. 1013. 30 eggs, 35c ea.; 6, \$1.75; \$3.25 doz.

ANDERSON EGG BOX.

A cheaper box of similar style. Folds flat.

- No. 3. 1 setting, \$1.25 per dozen.
No. 4. 2 settings, \$1.80 per dozen.
No. 5. 50 eggs, \$3.00 per dozen.

NORTHWESTERN EGG BOX.

Holds one dozen eggs. Made of heavy paper.

15c per doz.; \$1.10 per 100; \$10.00 per 1000.

LILLY'S EGG CARRIER.

For delivering eggs to retail customers. Convenient to carry. No danger of breaking eggs.

8 dozen size, \$1.50; 12 dozen size, \$1.75 each.

EGG TESTER.

May be used on any lamp with a No. 2 burner, or over electric light or candle.

30c each; postage, 5c.

BARBEE WIRE HEN'S NESTS.

The most sanitary and convenient. Hangs on wall. No place for lice. Easily cleaned.

Price, 10c each; \$1.00 per dozen.

MEDICATED NEST EGGS.

Expells lice and mites from the nests.

10c each; 55c per dozen; postage, 2c each.

CHINA NEST EGGS.

Correct size and shape. Not easily broken.

25c per doz.; \$2.50 per gross; postage, 2c each.

NO. 1020**SMITH SEALED LEG BANDS.**

Cannot be removed without being destroyed.

Price, any size, Doz., 25c; 25 for 50c; 50 for 75c; \$1.50 per 100; \$12.50 per 1000, postpaid.

When ordering Leg Bands, state variety of poultry that they are to be used upon.

NO. 1021**SMITH SEALING PLIER.**

For sealing Smith Sealed Leg Bands.

Plain, 50c; with initial on jaw, 75c, postpaid.

NO. 1205**LEADER ADJUSTABLE LEG BAND.**

The best adjustable leg band. Made in two sizes, No. 1 for small and medium sized hens; No. 2 for very large hens and turkeys.

Doz., 20c; 25, 30c; 50, 45c; 100, 75c, postpaid.

NO. 1206**DOUBLE CLINCH LEG BANDS.**

One of the most popular flat bands. Strong.

Doz., 20c; 25, 30c; 50, 45c; 100, 75c, postpaid.

NO. 1024 CLIMAX LEG BANDS.

Spring brass wire. Best for feathered legs.

Doz., 15c; 25, 25c; 50, 40c; 100, 60c, postpaid.

NO. 1023**RELIABLE POULTRY PUNCH.**

For marking little chicks.

25c, postpaid.

NO. 1022**PETALUMA POULTRY MARKER.**

Similar to Reliable Poultry Punch.

25c.

CANPONIZING INSTRUMENTS.

Doubles the profits of poultry raising.

\$2.75 per set, postpaid.

THERMOMETERS.

No. 1207. Tycos Certified Incubator Thermometer, price, \$1.25, postpaid.

No. 1061. Common Brooder Thermometer, 50c.

No. 1062. Prairie State Brooder Thermometer, 75c.

No. 1064. Suspended Incubator Thermometer, 75c.

No. 1065. Upright Incubator Thermometer, 75c.

No. 1066. Reclining Incubator Thermometer, \$1.00.

No. 1067. Self-Registering Greenhouse, \$2.25.

No. 1068. Hot-bed Thermometer, \$1.00.

LAMPS.

LILLY'S Never-Smoke, Complete, \$1.00.

No. 1. Incubator and Brooder Lamp, Complete, 70c.

No. 2 Incubator and Brooder Lamp, Complete, 75c.

No. 3 Incubator and Brooder Lamp, Complete, 85c.

ESSEX-MODEL STANDARD INCUBATORS.

Automatic and perfect Regulation and Ventilation. Equipped with the Essex Corrugated Thermostat. Made throughout of high grade Chestnut. The World's Most Perfect Hatcher. Best appearing and best constructed.

- No. 0. 100 Eggs Capacity, Price \$17.00.
- No. 1. 175 Eggs Capacity, Price, 23.00.
- No. 2. 275 Eggs Capacity, Price, 32.00.
- No. 3. 420 Eggs Capacity, Price, 37.00.
- No. 4. 324 Duck Eggs, Price, 43.00.

ESSEX-MODEL MIDDLE PRICED INCUBATORS.

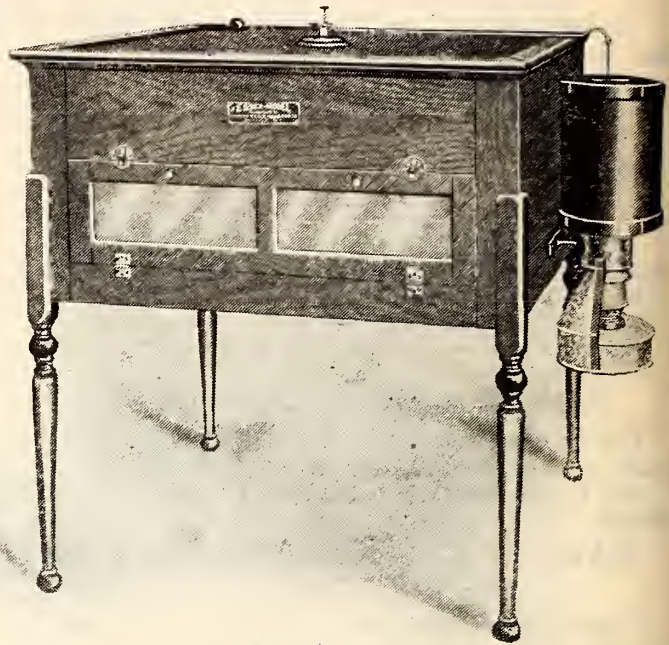
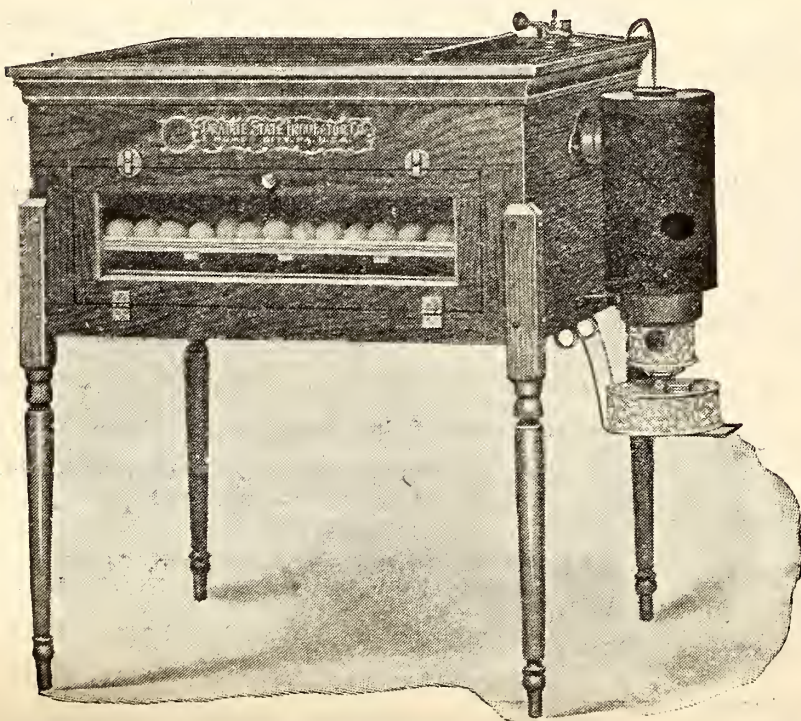
The Incubator of Quality among low-priced machines. Enamelled Rolled Steel top, sides and bottom. Double walls and top perfectly insulated. Automatic in Regulation and Ventilation.

- No. A. 60 Eggs Capacity, Price, \$ 9.00
- No. B. 120 Eggs Capacity, Price 12.00
- No. C. 200 Eggs Capacity, Price, 19.00
- No. D. 300 Eggs Capacity, Price, 29.00

ESSEX-MODEL PORTABLE HOVER.

The complete metal and working parts of the Essex-Model Brooder, including Galvanized Iron Lamp Box and Hover, Lamp and Thermometer. May be attached to any brooder house or home-made brooder.

Price, \$7.50.



ESSEX-MODEL BROODERS.

Essex-Model Brooders are known wherever poultry is raised by reason of their splendid combination of Light, Heat, Ventilation and Floor Space, so designed as to afford the young chicks natural conditions without natural dangers.

- No. A, Colony Brooder: 75 to 100 Chicks, \$12.50.
- No. B, Colony Brooder; 100 to 125 Chicks, \$15.00.
- No. C, Colony Brooder, 150 Chicks, \$18.00.
- No. D, Combination Indoor and Outdoor Brooder and Roost Coop: 75 to 100 Chicks, \$14.00.

PRAIRIE STATE INCUBATORS AND BROODERS.

We have handled this line for many years, and they have proved the most satisfactory Incubators and Brooders on the market up to the present time.

- No. 2 Incubator, 240 Eggs Capacity, \$32.00.
- No. 3 Incubator, 390 Eggs Capacity, \$38.00.
- No. 1 Outdoor Brooder, \$23.00.
- No. 2 Outdoor Brooder, \$17.50.
- No. 3 Outdoor Brooder, \$14.00.

PRAIRIE STATE UNIVERSAL HOVER.

May be attached to any form of colony house, piano box or home-made brooder. Professional poultrymen are using large numbers of them in brooder houses. The complete hover and heater parts of the Prairie State Brooder.

Price, Without Regulator, \$7.50.
Price, With Regulator, \$8.50.

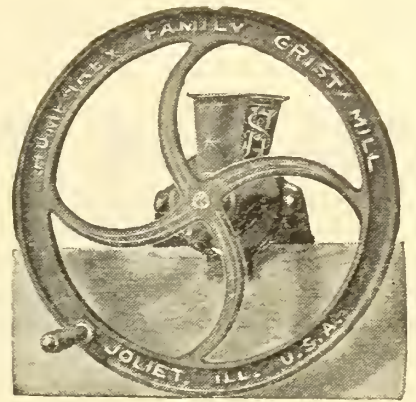
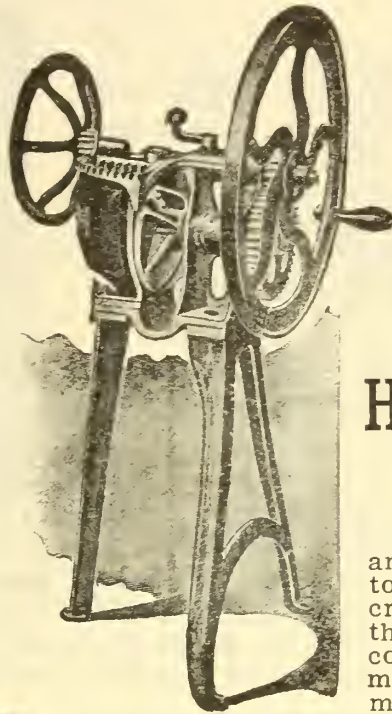
Humphrey Green Bone and Vegetable Cutter

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.

No. PRICES:

1. Hand power \$15.00
2. Semi-power \$16.50
- 2½. Hand & pwr \$19.00
3. Direct pwr \$42.00
4. Geared pwr \$52.00
5. Medium pwr \$27.00

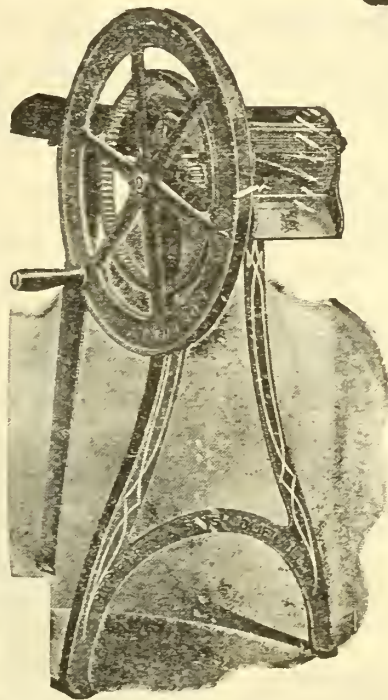
We are exclusive Pacific Coast agents for Humphrey's Goods. We buy from the East in car lots and always have a big stock of machines and extras. Large descriptive catalogue sent free on request.



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. 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.



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, wt. 85 lbs., \$10.50.
Stand Clover Cutter, wt. 105 lbs., \$12.50.

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, \$4.75; weight, 40 lbs.

Humphrey's Cyclone Hand Corn Sheller

The thumb clamp does it all. The spiral tension spring can be adjusted to the largest or smallest ear of corn, and, when set for an average ear, will run through a basket of corn without further adjustment, and the cobs will be clean. Owing to improvements made in this sheller, popcorn can be shelled without so-called "popcorn attachments." The Humphrey is a strong, thoroughly well-built sheller, all parts are interchangeable and a child can operate it. Complete. \$2.50 each.

WE DO NOT HANDLE ANY GOODS THAT WE CANNOT RECOMMEND.



LILLY'S BEST Stock Food. For Horses. Hogs and Sheep. Two tablespoonfuls each day will keep a healthy horse in good condition, acting as a preventative against those diseases which a horse is liable to contract. When the horse is not thriving, a double dose will give him new life, tone up the system, carry off the waste matter, promote healthy secretion and regulate action of the kidneys. Ask for THE NORTHWESTERN LIVE STOCK ALBUM.

Prices: In 25c and 50c packages; 25-lb. pails, \$2.50; 100-lb. barrels, \$8.00.



LILLY'S BEST Fly Killer. If the flies, or mosquitoes are worrying the life out of your cow, thus reducing the yield of milk, spray her twice a day with Lilly's Best Fly Killer. It will not taint the milk, and will in no way harm cattle. Also just as useful for horses. Best applied with a hand sprayer. Quart, 35c; (cannot be mailed); gallon, \$1.00; 5 gallons, \$3.50.

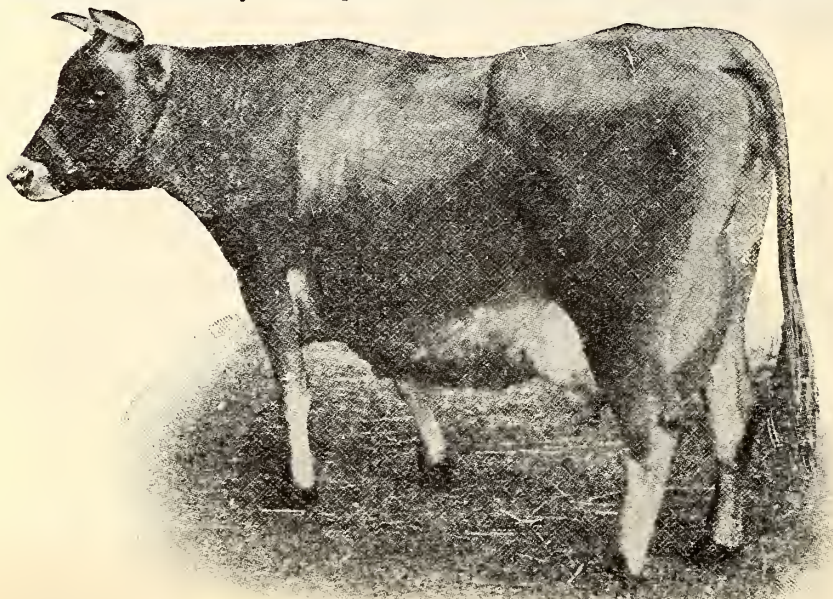
LILLY'S BEST Worm Powder. Colts, Lambs and Pigs are most susceptible to worms, and **LILLY'S** Worm Powders are equally effective on all animals. It will not only expel the worms, but an occasional dose will prevent cholera among hogs. Package, 50c. Postage, 20c.

LILLY'S BEST Heave Cure. It will cure any case of heaves, except Belows or Whistling Heaves, which can only be relieved, and will always cure a Cold, Cough, Distemper, Pink Eye, Epizootic, Lung Fever, etc. Package, 50c. Postage, 20c.

LILLY'S BEST Gall Cure. This is a guaranteed remedy for galled shoulders and backs on horses. Package, 25c. Postage, 10c.

LILLY'S BEST Germ Destroyer. An antiseptic for Gaps, Mange, Bed Bugs, Hog Cholera, Sores, Wounds and Castrations, also a disinfectant for closets, sick rooms, sewers and urinals. Bottle, 25c. Cannot be mailed.

LILLY'S BEST Lime and Sulphur Solution Sheep Dip. A sample has been submitted to the Department of Agriculture, and when diluted according to directions for the treatment of sheep or scab, it will give a dipping fluid of the composition required of a lime and sulphur dip by the regulation of the Secretary of Agriculture governing sheep scab. Quart, 30c; gallon, 50c; 5 gallons, \$1.75; 50 gallon barrels, write for prices



COW CONDITIONER Keep the cow in perfect physical condition and reduces to almost nothing the large percentage of undigested food which is a needless waste, and from which the cow receives no benefit. See description and testimonials in THE NORTHWESTERN LIVE STOCK ALBUM, which will be mailed to you on request. 25c and 50c packages; 25 lb. pails \$2.50; 100 lb. barrels \$8.00.

ASK FOR THE NORTHWESTERN LIVE STOCK ALBUM.



BLATCHFORD'S CALF MEAL.

A perfect substitute for milk. As rich as whole milk; one half as expensive. A pound makes one gallon of perfect milk substitute equal to whole milk for raising calves. Prevents scouring and insures early maturity.

25 lbs., \$1.25; 50 lbs., \$2.25; 100 lbs., \$4.00.

CALVES' CORDIAL.

Cures scours in calves and cows, increases the digestive capacity and appetite, thus developing the calf for veal, or increasing the milk supply in cows.

Price, 50c; postage, 35c.

COWS' RELIEF.

Relieves caked bag in 12 to 24 hours if taken at the start, heals and removes soreness from sore or injured teats, prevents heifers from becoming hard milkers, and removes spider in the teat if taken at the start.

Price, \$1.00; postage, 20c.

WHITE ROCK HOOF PACKING.

A natural rock, just as it comes from the mines. It is strongly antiseptic, will absorb many times its own weight in water, and retain this large amount of moisture for many months. It is nature's own product for the preservation of the horse's foot. It has been tested by the most prominent veterinary surgeons, horsemen, horse-shoers and owners of horses, and highly recommended by all as the best hoof packing.

2 lb. carton, 15c; 25 lbs., \$1.00; 100 lbs., \$4.00.

GROUND FLAX SEED.

Pure flax seed, without the oil extracted. One of the best laxatives for all kinds of stock, especially calves. Two to four ounces, mixed with other food, two or three times a week, will keep the bowels in perfect condition, and the coats sleek.

Beware WHERE YOU BUY Beeware

We are sole agents on the Pacific Coast for the celebrated

LEWIS BEEWARE

Ask for our BEE CATALOG, which besides giving descriptions and prices of our COMPLETE LINE OF BEE SUPPLIES, also contains much valuable information in regard to handling bees.



BIRD SEED.

HOLLY BIRD SEED is a mixture of the best re-cleaned Sicily, Canary, Hemp, English Rape and Millet seed, and is guaranteed to be the best combination on the market for preserving the health and perfecting the song of canaries and all cage birds. A package of Bird Gravel and a piece of Cuttle Bone is included in each package.

Price, 10c; postage, 15c.

BIRD GRAVEL. Pure granite rock ground to the proper size for birds. Price 10c; postage, 20c.

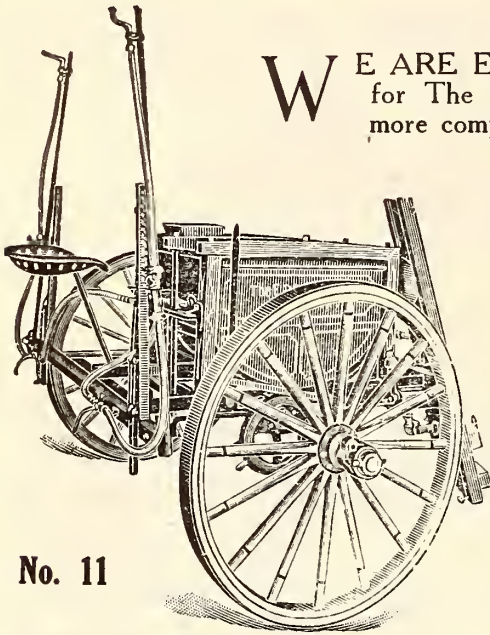
CANARY, HEMP, MILLET, RAPE, POPPY and SUNFLOWER SEED. 10c per lb.

CUTTLE BONE. 25c per lb.; postage 15c per lb.

ASK FOR THE NORTHWESTERN LIVE STOCK ALBUM. IT IS FREE.

SPRAY MACHINERY

WE ARE ESPECIALLY FORTUNATE in having the Pacific Coast agencies for The E. C. Brown Co. and Lowell Specialty Co. spray machinery. A more complete description of these machines will be found in our Spray Book, which we will be pleased to mail to you if you are interested in spraying.



No. 11

AUTO-SPRAY NO. 23.

A TWO-HORSE TRACTION SPRAYER, with no gasoline engine to get out of order, and no expense for gasoline. Power is transmitted from the wheels, and the movement from one tree to the next generates more than enough pressure to spray a large tree. Capacity 150 gallons.

Price, \$186.25 f.o.b. Seattle.

AUTO-SPRAY NO. 11.

THIS TRACTION SPRAYER is similar to No. 23, but is especially adapted to spraying potatoes, oats and all other field crops. It is also convertible for use in orchard, vineyard or hop field. Both of these machines, having only two wheels, may be turned in a small space. Capacity 100 gallons.

Price, \$112.00 f.o.b. Seattle.

AUTO-SPRAY NO. 1.

THOROUGHLY PRACTICAL compressed-air sprayer, for use in greenhouse, vegetable garden, flower garden, small orchard, or any place that a sprayer of this capacity can be used. When properly charged, contains three gallons of solution and one gallon of compressed air. A dozen strokes of the plunger will compress the air, and two pumpings will discharge the entire contents.

No. 1-A. Brass, with Stop Cock, \$7.50.

No. 1-B. Brass, with Auto-Pop, \$6.50.

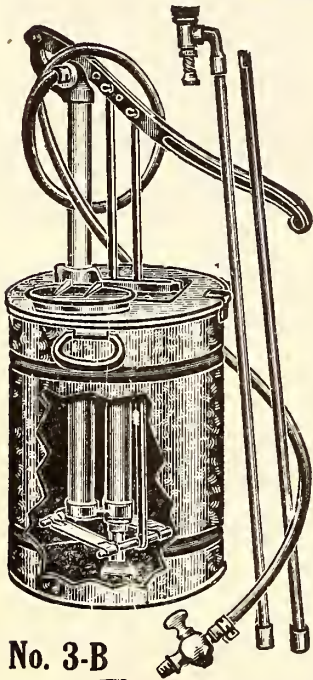
No. 1-C. Galvanized, with Stop Cock, \$5.00.

No. 1-D. Galvanized, with Auto-Pop, \$6.00.

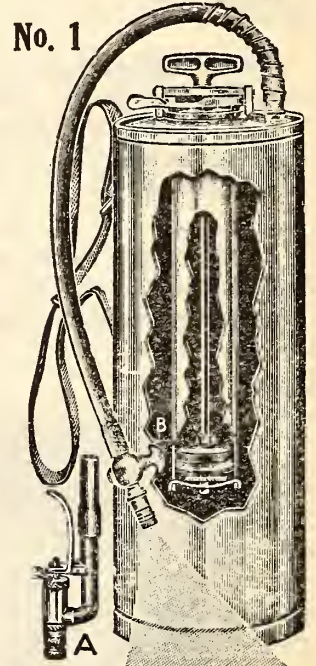
AUTO-SPRAY NO. 3-B.

ESPECIALLY ADAPTED for whitewashing and painting, but equally valuable for any kind of spraying, and is the best general purpose small sprayer on the market. Eight gallon galvanized tank and brass, high-pressure force pump.

Price, complete with 8 feet of hose, extension pipe, stop cock and perpetual nozzle, \$12.50.



No. 3-B



No. 1

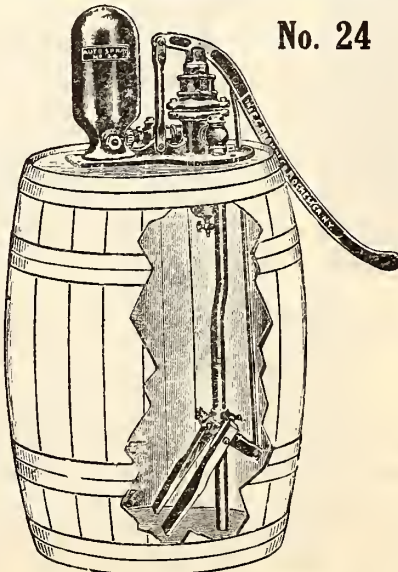
AUTO-SPRAY NO. 24.

A VERY SERVICEABLE PUMP for small orchards, developing great power with little labor, operating four nozzles if required. It has outside valves, which may be taken apart without removing the pump from the barrel. We do not furnish the barrel, but it may be easily attached to any oil or liquor barrel.

No. 24. Pump only, \$15.00.

No. 24-A. With 121½ feet of Hose and Perpetual Nozzle, \$17.50.

No. 24-B. With two leads of Hose and two Perpetual Nozzles, \$20.00.



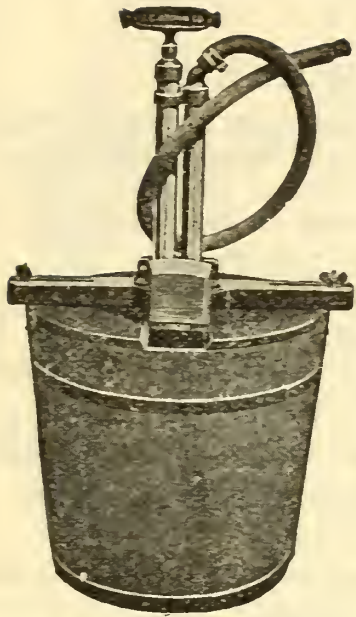
No. 24

AUTO-SPRAY NO. 7.

A DOUBLE CYLINDER, plunger style, hand-power pump with a capacity double that of the No. 24. Guaranteed to excel all other hand-power pumps in capacity, efficiency and durability. It is suitable for large orchards, and is used in connection with a tank or barrel. Has vertical handle with long fulcrum, and weight of operator helps operation of the pump. Develops 80 to 120 pounds constant pressure.

No. 7. Pump only, \$35.00.

No. 7-B. With Suction Hose, 2 25-ft. leads Spray Hose, Pressure Gauge and 2 Perpetual Nozzles, \$45.00.



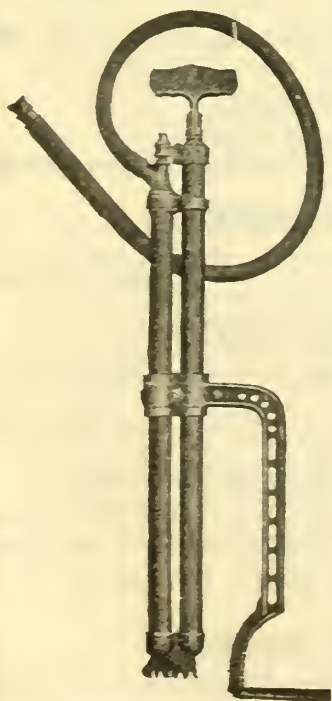
AUTO-SPRAY NO. 2.

AUTO-SPRAY NO. 2.

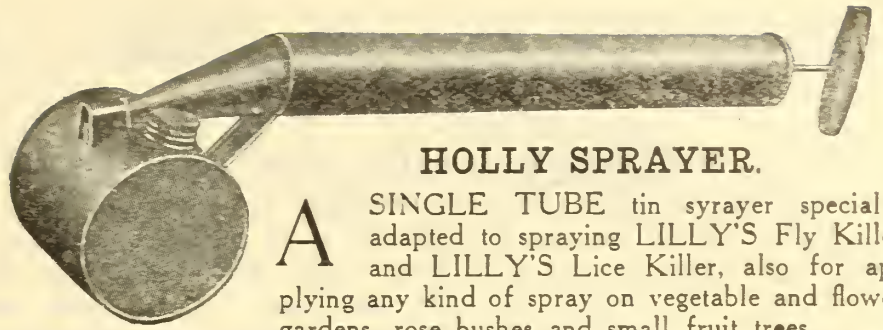
THE BIGGEST little thing in pumps. May be attached rigidly to any pail or bucket, with or without cover. Has brass ball valves and heavy brass air chamber and cylinder; 5-ply hose and "Auto-Spray" nozzle. May be used with 8-ft. extension for spraying tall trees. Develops high pressure, and may be used for spraying whitewash, cold water paints, or any work for which any small sprayer is adapted. **Price: With three feet of Hose and Auto-Spray Nozzle. Without bucket, \$3.50.**

LITTLE GIANT BUCKET PUMP.

CONSTRUCTED of brass, a material not affected by spray materials. Produces a continuous spray or throws a solid stream fifty feet. Furnished with two brass nozzles, hose and foot rest. **Price, \$2.75.**

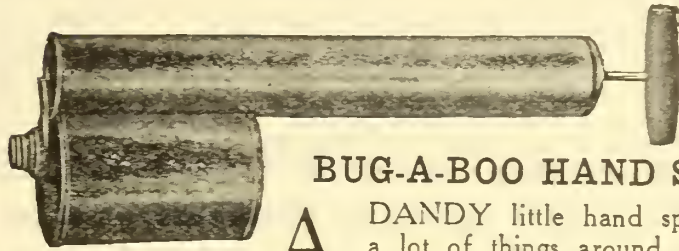


LITTLE GIANT.



HOLLY SPRAYER.

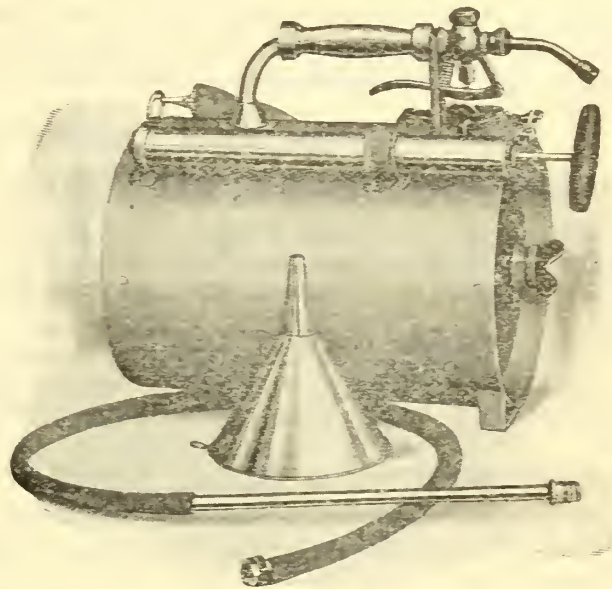
A SINGLE TUBE tin sprayer specially adapted to spraying LILLY'S Fly Killer and LILLY'S Lice Killer, also for applying any kind of spray on vegetable and flower gardens, rose bushes and small fruit trees. **Price, 60c.**



BUG-A-BOO HAND SPRAYER.

A DANDY little hand sprayer, useful for a lot of things around the ranch, garden and poultry houses. May be operated at any angle or in any position. Made in two styles.

Prices: All Tin, 50c; Tin Cylinder and Brass Reservoir, 75c.



LOWELL COMPRESSED AIR SPRAYER

THE LATEST and most improved compressed air sprayer. It is devoid of complex or intricate parts, and is both automatic and positive in its action. One charge is sufficient to expel entire contents of the tank. It is the strongest air pressure sprayer made—will stand five times the air pressure necessary to operate it. Each sprayer is tested by air to 60 pounds to the square inch. No safety valve or indicator is necessary. It is easily cleaned, and is so simple in construction that a child can operate it. Handy to carry; shoulder strap furnished with each machine. Constructed of brass and galvanized steel with aluminum finish.

Price, Complete, with Shoulder Strap, Short Nozzle, Hose, Extension and Strainer Funnel, \$6.50.

LILLY'S BEST Spray Hose

THE BEST HOSE that it is possible to procure; a little more expensive than some, but by far the cheaper in the end. Made of high-grade material, especially for use on power sprayers. Tested to 240 pounds' pressure, and guaranteed against any defects in workmanship or material.

- 1/2 inch, 5-ply, guaranteed for 800 lbs. pressure, per foot, 15c.
- 1/2 inch, 7-ply, guaranteed for 1000 lbs. pressure, per foot, 18c.
- 3/4 inch, 5-ply, guaranteed for 600 lbs. pressure, per foot, 18c.
- 3/4 inch, 7-ply, guaranteed for 800 lbs. pressure, per foot, 20c.

These prices are for 50 foot lengths. For less than 50 foot lengths we make an additional charge of 25c per pair for couplings.

LILLY'S BEST Lime and Sulphur Solution

The most concentrated Lime and Sulphur Solution on the market, and the most effective spray for San Jose Scale, Oyster Shell Bark Louse, Red

Spider, Blister Mite, Green Aphis, Bud Moth, Peach Worm, Twig Borer, Wooly Aphis, Leaf Curl, Mildew, Scab, Moss and Lichens.

Prices: Qt., 30c; Gal., 50c; 5 Gals., \$1.75; Barrels, about 50 gallons, \$11.00.

VREELAND'S "ELECTRO" ARSENATE OF LEAD.

"ELECTRO" Powdered Arsenate of Lead may be used either for Spraying or Dusting, is 50% stronger than other brands, gives Quicker Results, and Actual Cost is Less than for other brands.

Prices: 1 lb., 25c; 2 lbs., 50c; 12½ lbs., \$2.30; 25 lbs., \$4.60; 50 lbs., \$9.25; 100 lbs., \$17.50.

"ELECTRO" Paste Arsenate of Lead is supplied for those who still prefer the paste form. It is acknowledged by all authorities as the Highest Grade of Paste. 20% arsenic oxide.

Prices: 1 lb., 50c; 6 lbs., \$2.10; 12 lbs., \$3.60; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$24.00.

LILLY'S BEST WEED KILLER (Sulphate of Iron, especially prepared.)

Kills mustard in oat fields without injuring the oats; destroys Canada thistles, and eradicates dan-

delions and plantain in lawns.

Sold in 100-lb. bags only. \$3.00 per 100 lbs.

LILLY'S BEST TREE SPRAY.

A non-poisonous and efficient spray for Black Scale, Red Scale, San Jose Scale, Codling Moth, Wooly Aphis, Red Spider and all other insects and fungus growth.

Quart, 25c; Gallon, 50c; 5 Gallons, \$1.50.

LILLY'S BEST FORMALDEHYDE TREE SOAP.

A soap compound for destroying Green Aphis, Wooly Aphis, Hop Aphis, Oyster Shell Scale, Codling Moth, Canker Worm, Caterpillars, and for preventing all fungus diseases. Especially adapted for rose bushes.

Price, 15c per cake; postage, 15c additional.

LILLY'S BEST BORDEAUX MIXTURE.

A fungicide for Potato Blight, Potato Rot, Mildew, Leaf Blight, Anthracnose, etc.

Quart, 60c; Gallon, \$1.50.

TOBACCO POWDER FOR FUMIGATING.

For fumigating greenhouses, or any place where fumes can be confined.

1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

LILLY'S BEST LAWN LIME.

Eradicates dandelion and plantain. See page 100. 2 lbs., 25c; 5 lbs., 50c; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.

HAMMOND'S SLUG SHOT.

A non-poisonous powder for the destruction of Currant Worms, Potato Bugs, Cabbage Worms, Chicken Lice, Slugs, etc.

1 lb., 15c; 5 lbs., 50c.

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A dust fungicide, very efficient in destroying Mildew and preventing Blight.

1 lb., 15c; 5 lbs., 50c.

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For fumigating greenhouses and other places where fumes can be confined. Considered indispensable by our most successful greenhouse men.

24 Sheets, 75c; 144 Sheets, \$3.50; 288 Sheets, \$6.50.

NICO-FUME LIQUID.

A 40% Nicotine Solution for spraying or vaporizing. One to two teaspoonfuls of solutions makes a gallon of spray. Cannot be mailed.

¼ Pint, 50c; 1 Pint, \$1.50; ½ Gallon, \$5.50; 1 Gallon, \$10.50.

SULPHO-TOBACCO SOAP.

A sure and safe exterminator of all kinds of insects and vermin.

3-oz. cakes, 10c; postage, 3c.

WHALE OIL SOAP.

An excellent summer wash for aphids, etc.

1 lb., 10c; 25 lbs., \$2.00; 100 lbs., \$6.50.

TOBACCO POWDER FOR DUSTING.

For destruction of Green Fly, Aphis, etc., where fumes cannot be confined.

1 lb., 10c; 10 lbs., 75c; 100 lbs., \$5.00.

TOBACCO STEMS.

For fumigating greenhouses and making tobacco solutions.

100 lbs. or more, 3c per lb. Less than 100 lbs., 5c per lb.

SULPHUR.

The best grade powdered sulphur.

1 lb., 5c; 50 lbs., \$1.50; 100 lbs., \$2.50.

BLUESTONE.

If wanted in large quantities, ask for price.

Per lb., 15c.

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For destruction of plant lice on cabbage, cauliflower, fruit trees, etc.

1 lb., 10c; 10 lbs., 70c.

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For Smut in wheat and oats, and for Potato Scab, per instructions contained in the Crop Book.

Pint, 50c; 5 Pints, \$2.00; Gallon, \$2.75; 5 Gallons, \$13.00.

PARIS GREEN.

Can be sold in original packages only. If wanted in 100 lb. kegs, ask for prices.

1 lb. cans, 50c.

The Spray Book gives a more complete description of these goods; may we mail it to you?



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FOLLOWING is only a partial list of the books which we can furnish. We can furnish books on almost any subject pertaining to farming, gardening, fruit, poultry or stock. If what you wish does not appear below, please name the subject which you wish literature on, and we can probably furnish it.

Most of these books are not carried in stock, but we order them mailed to our customers direct from the publishers, so that there is a delay of about ten days between the time the order is received and the time the book reaches you.

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Number of plants to the acre

Dis. Apart.	No. Plants	Dis. Apart.	No. Plants	Dis. Apart.	No. Plants	Dis. Apart.	No. Plants
12 x 1 in.	522,720	25 x 18 in.	15,520	36 x 36 in.	4,840	60 x 60 ft.	1,745
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.	5,445	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 24 in.	10,890	36 x 18 in.	9,680	60 x 36 in.	2,901	16 x 1 ft.	2,722
24 x 1 in.	261,360	36 x 24 in.	7,260	60 x 48 in.	2,178	16 x 16 ft.	170

Quantity of seed required

Quantity per Acre.	Grasses	No. Plants	No. Plants
Alfalfa	Orchard Grass	40 to 60 lbs.	30 lbs.
Alyske	Hemp	40 to 50 lbs.	60 lbs.
Artichoke, 1 oz. to 500 plants	Horse Radish Roots	15000 to 20000	40 to 50 lbs.
Asparagus, 1 oz. to 500 plants	Kale, 1 oz. to 150 feet of drill	1 lb.	1 lb.
Barley	Kale, Thousand Headed	1 lb.	1 lb.
Beans, Dwarf, 1 lb. to 100 feet of drill	Kohlrabi, 1 oz. to 150 feet of drill	2 lbs.	2 lbs.
Beans, Tall, 1 lb. to 150 hills	Kaffir Corn	6 to 8 lbs.	8 lbs.
Beet, Garden, 1 oz. to 50 feet of drill	Leek, 1 oz. to 100 feet of drill	4 lbs.	4 lbs.
Beet, Sugar, 1 oz. to 50 feet of drill	Lettuce, 1 oz. to 150 feet of drill	3 lbs.	3 lbs.
Beet, Mangel Wurzel, 1 oz. to 50 feet of drill	Melon, Musk, 1 oz. to 60 hills	2 to 3 lbs.	3 lbs.
Broccoli, 1 oz. to 2000 plants	Melon, Water, 1 oz. to 30 hills	3 to 4 lbs.	4 lbs.
Brussels Sprouts, 1 oz. to 2000 plants	Millet	30 lbs.	30 lbs.
Broom Corn	Nasturtium, 1 oz. to 50 feet of drill	15 lbs.	15 lbs.
Buckwheat	Oats	75 lbs.	75 lbs.
Cabbage, 1 oz. for 1500 plants	Okra, 1 oz. to 100 feet of drill	8 lbs.	8 lbs.
Carrot, 1 oz. to 125 feet of drill	Onion, 1 oz. to 250 feet of drill	5 lbs.	5 lbs.
Cauliflower, 1 oz. to 2000 plants	Onion, for sets	30 to 80 lbs.	80 lbs.
Celery, 1 oz. to 5000 plants	Onion Sets, 1 lb. to 75 feet of drill	400 lbs.	400 lbs.
Cheat	Parsley, 1 oz. to 300 feet of drill	3 lbs.	3 lbs.
Chicory, 1 oz. to 100 feet of drill	Parsnip, 1 oz. to 200 feet of drill	6 lbs.	6 lbs.
Clover, White and Alyske	Peas, Garden, 1 lb. to 50 feet of drill	200 lbs.	200 lbs.
Clover, White, for Lawns	Peas, Field	150 lbs.	150 lbs.
Clover, Red, Mammoth and Crimson	Pepper, 1 oz. to 1000 plants	400 lbs.	400 lbs.
Collards, 1 oz. to 2000 plants	Potatoes	3 to 4 lbs.	4 lbs.
Corn, Sweet, 1 lb. to 200 hills	Pumpkin, 1 oz. to 30 hills	10 lbs.	10 lbs.
Corn, Field	Radish, 1 oz. to 100 feet of drill	5 to 10 lbs.	10 lbs.
Corn, Fodder	Rape, Dwarf Essex	2 lbs.	2 lbs.
Corn, Pop	Rutabaga, 1 oz. to 150 feet of drill	90 to 120 lbs.	120 lbs.
Corn Wheat	Rye	8 lbs.	8 lbs.
Cress, 1 lb. to 100 feet of drill	Salsify, 1 oz. to 50 feet of drill	100 lbs.	100 lbs.
Cucumber, 1 oz. to 60 hills	Speltz	8 lbs.	8 lbs.
Egg Plant, 1 oz. to 2000 plants	Spinach, 1 oz. to 100 feet of drill	15 lbs.	15 lbs.
Endive, 1 oz. to 100 feet of drill	Spurry	3 lbs.	3 lbs.
Flax, for seed 30 lbs. to acre. For fiber	Squash, Summer, 1 oz. to 25 hills	4 lbs.	4 lbs.
Grass, Lawn, 1 lb. to 300 square feet	Squash, Winter, 1 oz. to 12 hills	10 lbs.	10 lbs.
Grass, Kentucky Blue, Canadian Blue	Sugar Cane	8 lbs.	8 lbs.
Timothy	Sunflower	3 oz.	3 oz.
Red Top, in chaff	Tobacco, 1 oz. to 10000 plants	4 oz.	4 oz.
Rye Grass, Oat Grass, Fescue	Tomato, 1 oz. to 2000 plants	2 lbs.	2 lbs.
	Turnip, 1 oz. to 150 feet of drill	.60 to 90 lbs.	90 lbs.
	Vetches, Spring	30 to 60 lbs.	60 lbs.
	Vetches, Winter	.90 to 120 lbs.	120 lbs.
	Wheat		

Usual distances for planting

Beans, Bush, drills 2 to 3 feet apart.	Melon, Water, 7 to 8 feet each way.
Beans, Pole, 3 to 4 feet each way.	Onions, drills 14 to 20 inches apart.
Beets, Early, drills 12 to 18 inches apart.	Parsnip, drills 18 to 36 inches apart.
Beets, Late, drills 2 to 3 feet apart.	Peach Trees, 18 to 24 feet each way.
Blackberries, erect growing, 6 to 9 by 4 feet.	Pear Trees, standard, 20 to 25 feet each way.
Blackberries, Mammoth and Himalaya, 8 by 24 feet.	Pear Trees, dwarf, 12 to 15 feet each way.
Cabbage, Early, 16 by 30 inches.	Peas, drills 2 to 3 feet apart.
Cabbage, Late, 24 by 30 inches.	Pepper, 15 to 18 inches by 2 to 2½ feet.
Carrots, drills 1 to 2 feet apart.	Plum Trees, 15 to 20 feet each way.
Corn, Sweet, 3 to 3½ feet by 9 to 24 inches.	Potatoes, 12 to 18 inches by 2½ to 3 feet.
Corn, Field, 3½ to 4 feet each way.	Pumpkin, 8 to 10 feet each way.
Cucumber, 4 to 5 feet each way.	Quince Trees, 15 feet each way.
Currants, 5 by 3 feet.	Radish, drills 10 to 18 inches apart.
Egg Plant, 3 by 3 feet.	Raspberries, 6 to 8 by 3 feet.
Lettuce, drills 18 inches apart.	Rhubarb, 2 to 4 feet by 4 feet.
Melon, Musk, 5 to 6 feet each way.	Salsify, drills 18 to 24 inches apart.
Celery, rows 3 to 4 feet 6 inches in row.	Spinach, drills 12 to 18 inches apart.
Cherry Trees, 15 to 20 feet each way.	Squash, Bush, 3 to 4 feet by 4 feet.
Cauliflower, 2 by 2 to 2 by 3 feet.	Squash, Running, 12 feet each way.
Apple Trees, 20 to 30 feet each way.	Strawberries, Hills, 36 by 18 inches.
Asparagus, 3 to 4 by 2 feet.	Strawberries, Matted Rows, 48 by 12 inches.
Gooseberries, 5 by 3 feet.	Sweet Potatoes, 2 feet by 3 to 4 feet.
Grapes, 8 by 8 to 10 by 12 feet.	Tomato, 4 feet by 4 to 5 feet.
	Turnip, drills 18 to 30 inches apart.

Will H. Young & Co.

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