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LILLY'S SEEDS

THE CHAS. H. LILLY CO
PORTLAND SEATTLE

TOTAL

Bbl's.

Bags

Boxes

Pkg's.

PREMIUMS

FOR ORDERS RECEIVED BEFORE MARCH 1ST.

ORDER EARLY. The advantage is mutual. If you delay ordering until the busy months of March, April and May, we are liable to be sold out of some of the choice varieties. Also, although with our splendid system and facilities for handling the business, errors and delays are very few considering the great amount of business handled, they are bound to occur occasionally at that time.

FOR QUANTITY ORDERS

In addition to the above, to encourage ordering in large quantities, we will give a year's subscription to the following monthly magazines with any goods listed in any of our catalogs, at any time during the current year.

THE WESTERNER

An illustrated family magazine devoted to the west. Price 50c per year. Free with an order amounting to \$5.00 or more.

THE RANCH

An illustrated monthly magazine for the home and ranch. Price 50c per year. Free with an order amounting to \$5.00 or more.

NORTHWEST POULTRY JOURNAL

Devoted to poultry raising in the Northwest. Price 50c per year. Free with an order amounting to \$10.00 or more.

As an inducement to order early, with every order for Garden Seeds or Flower Seeds, at regular catalog prices, amounting to \$1.00 or more, received before March 1st, we will give a Due Bill for ten per cent of the amount of the order, good for that amount of Garden Seeds or Flower Seeds when returned with a future order amounting to \$1.00 or more before the end of the following year.

BETTER FRUIT

Splendidly illustrated. Devoted solely to fruit culture. The official organ of the Northwest Fruit Growers' Association. Price \$1.00 per year. Free with an order amounting to \$20.00 or more.

PACIFIC MONTHLY

A standard monthly magazine containing good stories, scientific and educational articles. Elegantly illustrated. Price \$1.50 per year. Free with an order amounting to \$25.00 or more.

You may order any number or combination of these magazines to which the amount of your order entitles you, and they will be mailed to any address in the United States designated by you.

They will not be furnished unless the request accompanies the order.

WE WANT YOUR OPINION

If you will write to us, stating exactly what you think of our goods, whether favorable or unfavorable, so that we may know whether our efforts are appreciated, and correct any faults, we will give you one year's subscription to either The Westerner or The Ranch, free.

\$10.00 CASH PRIZES

For exhibits of Farm and Garden Produce with which a card is displayed reading **GROWN FROM LILLY SEEDS** and which is awarded the Fair Association's Highest Award for Best Exhibit, at each of the following fairs:-

Washington State Fair, North Yakima.
Oregon State Fair, Salem.
California State Fair, Sacramento.
Idaho State Fair, Boise.
Interstate Fair, Spokane.

Valley Fair, Puyallup.
Southwest Washington Fair, Chehalis.
Portland Fair, Portland.
Pendleton Round Up, Pendleton.
Lewiston Fair, Lewiston.

If you wish to compete for these prizes, we should be notified before opening of the fair, and will mail you cards to display with the exhibit.

If you are successful, our check will be mailed to you immediately on receipt of the Fair Association's certificate of award.

If you wish to compete at a fair not named above, and will take the matter up with us at an early date, we may be able to include your fair in this offer.

To Judges and Secretaries of Above Named Fairs:

With your Highest Award for Best Exhibit of Garden or Farm Produce we hereby authorize you to make an additional award of \$10.00 (Ten Dollars) cash, provided there is displayed with the exhibit in a conspicuous manner a card reading "Grown From **LILLY** Seeds."

We will be glad to have you incorporate this offer in your Premium List.

THE CHAS. H. LILLY CO.

Portland

Seattle

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LILLY'S

COMPLETE ANNUAL CATALOG

1912



THE PAST SEASON has been a profitable one for the farmer and gardener, and they are among the most prosperous classes in the country. The "Back to the Soil" movement is becoming more popular each year, and many are leaving the cities for the more independent, healthful, and in most cases more lucrative, life in the country. The progressive farmer of today can have nearly all the conveniences to be had in the city, and in addition he has many advantages which he could not have in the city. He is not deprived of the comforts, as were the farmers of a generation ago.

Thousands of acres of forest and logged-off lands in the Northwest are being placed under a high state of cultivation, and the farmers are going at the business with a vim, enthusiasm and intelligence heretofore unknown.

These facts are fully demonstrated by the great number of new customers whom we have supplied with seeds, poultry supplies, bee supplies, spray materials, fertilizers and other goods during the past year, and by the increased amount of orders from our old customers. Although we have prepared for an increased business each year, the increase during the past season greatly exceeded our expectations, and although we are pleased with the vast amount of business done, we regret that our inability to fill some orders has caused our customers inconvenience and disappointment.

We believe that we are prepared to fill all orders this season, but we wish to impress upon our customers the advantage of ordering early, while we still have a complete stock, and before the busy months of March, April and May, when, on account of the great amount of business handled, occasional delays and errors are bound to occur, regardless of our splendid system and eternal vigilance.

SUGGESTIONS

Use enclosed order blank. Be careful to write name and address very plainly. We receive many orders on which the name or address are illegible, or omitted.

Order early. Write to us occasionally. We are always glad to hear from our customers, and are never too busy to answer questions.

Immediately on receipt of orders, we mail the customer an acknowledgment card showing the number which we have given the order. In case it is necessary to write to us in regard to the order, please refer to the number. Failure to receive the acknowledgment indicates that we have not received the order.

Orders are usually filled the day that they are

received, except plants, which are not ordered from the nursery until required to fill orders, causing a few days' delay, and some books which are mailed direct from the publishers, reaching destination about ten days after order is received by us. If, for any reason, there will be an unusual delay in filling orders, we write to the customer stating when the goods will be shipped.

The full amount of cash must accompany orders in all cases. We do not carry any accounts, and do not ship any goods C. O. D., as the extra expense, labor and confusion are unnecessary. We always promptly adjust any errors or just complaints to the entire satisfaction of our customers.

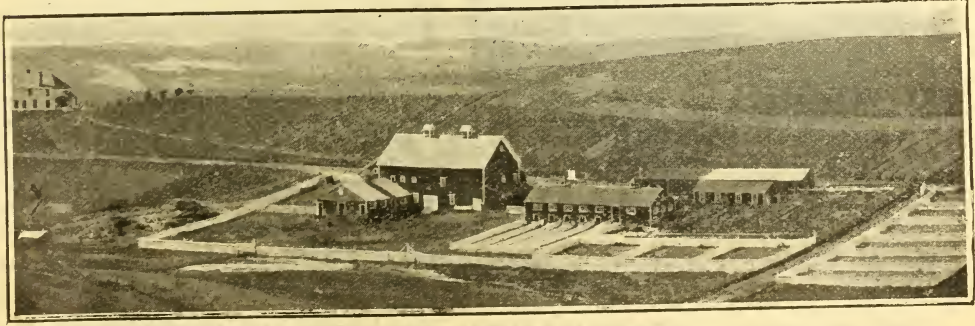
THE CHAS. H. LILLY CO.

ESTABLISHED 1885

Front and Taylor Sts., Portland, Ore.

Office, Foot of Main St., Seattle, Wash.

Warehouse, Hanford St. and West Waterway, Seattle, Wash.





Growing Seed for The Chas. H. Lilly Co.

VEGETABLE SEEDS

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 31 to 44

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., 35c; ¼ lb., \$1.00; 1b., \$3.50, 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., 10c; ¼ lb., 25c; 1b., 85c; postpaid.

THE CROP BOOK CONTAINS CULTURAL DIRECTIONS AND INSTRUCTIONS FOR FERTILIZING.

LILLY'S

Crimson Globe Beet

BEST IN FORM
IN COLOR
IN FLAVOR

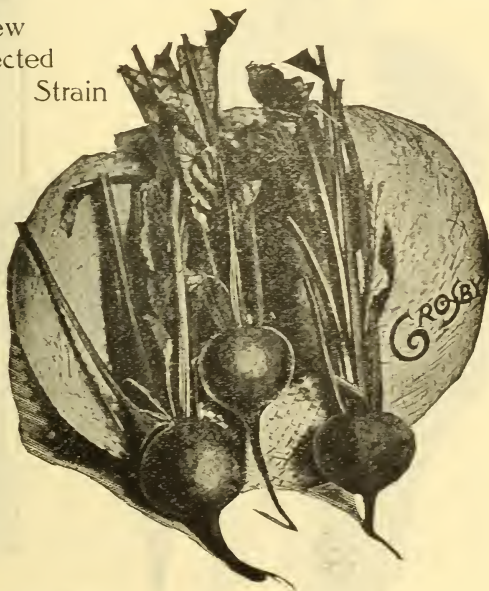
THIS magnificent variety is just the Beet you want, and the finest of all for the home garden. It grows to just the right size for cooking, averaging about three inches in diameter, with rich, red flesh, finely grained, exceedingly tender, deliciously sweet and delicately zoned with white, making it 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., 40c; 1 lb., \$1.60
Not prepaid, pkt., 10c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50; 10 lbs., \$14.50

"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

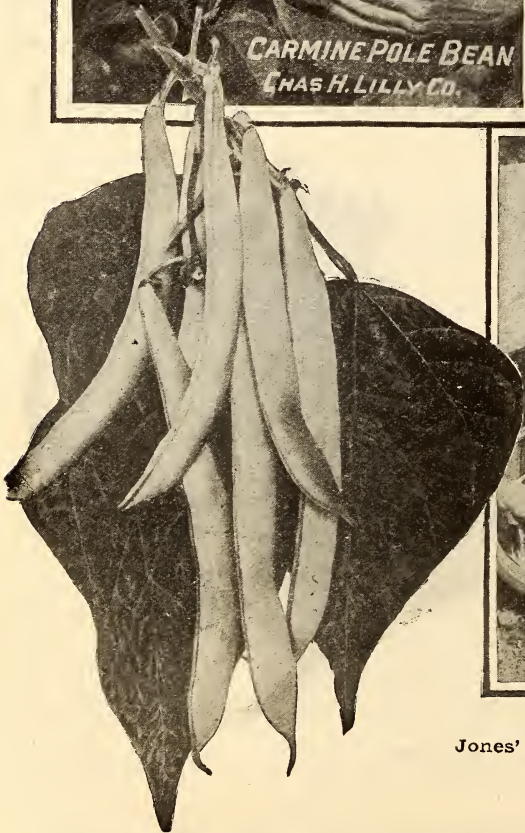
Crosby's Egyptian

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., 40c; 1 lb., \$1.60
Not prepaid, pkt., 10c; $\frac{1}{4}$ lb., 40c; 1 lb., \$1.50; 10 lbs., \$14.50



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

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

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.

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,

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

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.

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-

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

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

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,

By mail, postpaid, Pkt., 10c; lb., 30c. By express, not prepaid, Pkt., 10c; lb., 20c; 10 lbs., \$1.75

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.

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**

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; 1b., \$2.50. By express, 1b., \$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;
¼ 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."
W. S. TIPTON, Bremerton, Wash.
"Having used Lilly's Best Seeds and goods with greatest success, will continue to plant them in the future."
HALBERG EVENSON, Kent, Wash.

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.

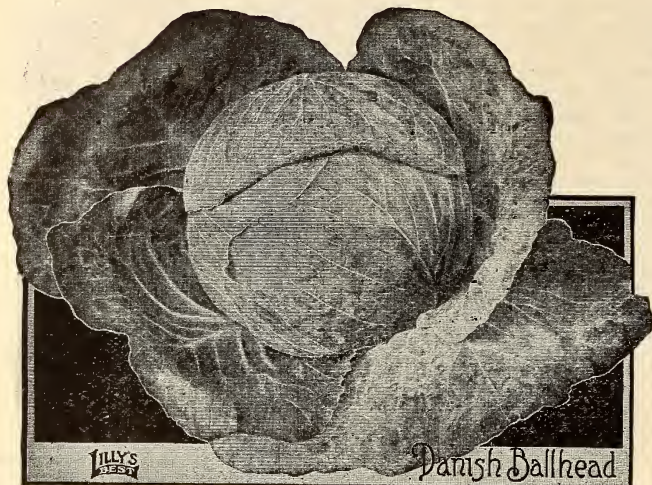
Postpaid, Pkt., 10c; Oz., 20c;
¼ lb., 60c; Lb., \$2.00.

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,

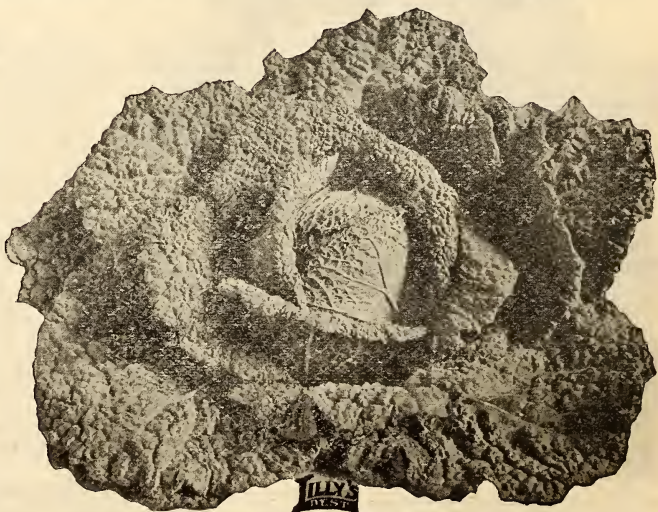
Proprietor Highland Market Garden, Anacortes, Wash.

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., 30c; Lb., \$2.00, Prepaid.



LILLY'S Golden Half Long CARROT

Best of the Yellow Carrot
Best of the Keeping Carrot

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, $\frac{1}{4}$ lb. 40c, 1b. \$1.60

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.

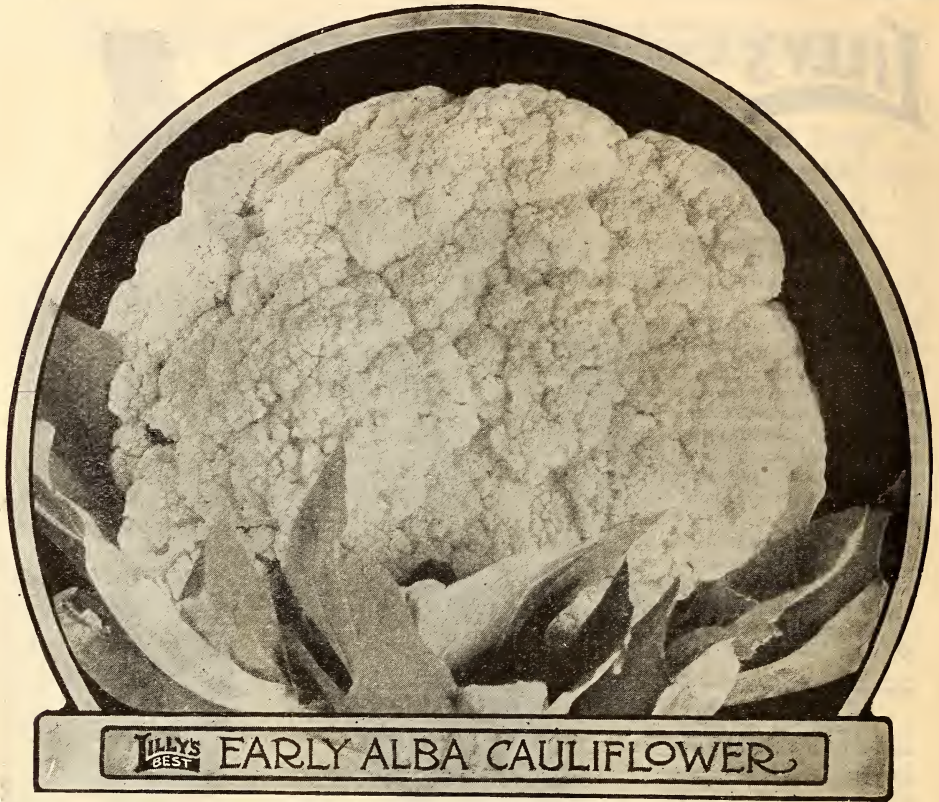
Yours truly, ALFRED COLES

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.

Last year I grew a good crop of Eearly Alba Cauliflower from your seed. One cauliflower, when all ready for cooking, weighted 4¾ 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 fine 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.

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.

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 Crim-son 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.



LILLY'S 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 unequaled flavor.

Sold only in Sealed Packets: Pkt., 10c; Oz., \$1.00 ¼ lb., \$3.00; lb., \$10.00, Prepaid

LILLY'S SELECT STOCK SILVER PLUME

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., 75c; ¼ lb., \$1.75. lb., \$5.00. 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.

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



LILLY'S

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, lusciously 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; 1 Lb., 25c; prepaid.

By express or freight, charges paid by you, Pkt., 10c; Lb., 15c; 10 lbs., \$1.25; 100 lbs., \$12.00

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

LILLY'S Pride of the Pacific Cucumber



PRIDE OF THE PACIFIC is an improvement over all others of the White Spine family, and has only been brought to its present state of perfection by the most careful methods of cultivation and selection. It is positively the best variety for green-house culture, and is unsurpassed for growing outdoors, either for market or for home use. The hardy, vigorous

vines produce an enormous crop of smooth, dark green, handsome fruit, measuring ten to eighteen inches long. The fruit is always straight, perfectly formed, remains green until ripe, and is very solid. When sliced, you will find the flesh of a transparent, sparkling white, firm, crisp, and of the most delicious flavor. Sold only in sealed packages.

Pkt., .10c; **Oz.**, 20c; $\frac{1}{4}$ lb., 65c; 1b., \$2.00, postpaid.

LILLY'S Pickling Cucumber

AN EXCEPTIONALLY good cucumber for pickling. The vines are hardy, vigorous, and produce an abundance of cucumbers in clusters. The fruit is short, rather thick, very symmetrical, crisp and of the most delicious flavor. It is the best for large pickles, or

when pickled young, for small gherkins. The young fruit possesses that distinctly roughened surface so greatly desired for small pickles.

Sold only in sealed packages.

Pkt., 10c; **Oz.**, 20c; $\frac{1}{4}$ lb., 60c; 1b., \$1.75, postpaid.

Davis' Perfect Cucumber

THE originator of this new variety experimented for many years in an endeavor to produce a perfect cucumber for both forcing under glass and for outdoor culture, and has finally fixed a "Perfect" type, combining quality, shape, color and productiveness. The fruit is long and slim, sometimes measuring twelve inches in length, and the color is a rich, dark, glossy green, which they hold until nearly ripe, when they

turn white instead of yellow. The flesh is very tender, brittle, and of fine flavor.

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

Pkt., 10c; **Oz.**, 20c; $\frac{1}{4}$ lb., 50c; 1b., \$1.50, postpaid.

The Pride of the Pacific Cucumber beats any cucumber I ever raised. It took the Blue Ribbon at the Knappa Grange Fair.

MRS. J. S. LEE,
Svensen, Ore.

Market Gardeners and others requiring Garden Seeds in very large quantities, please write for special prices.

EMERALD ISLE KALE

-BORECOLE-

Lilly's Select Stock

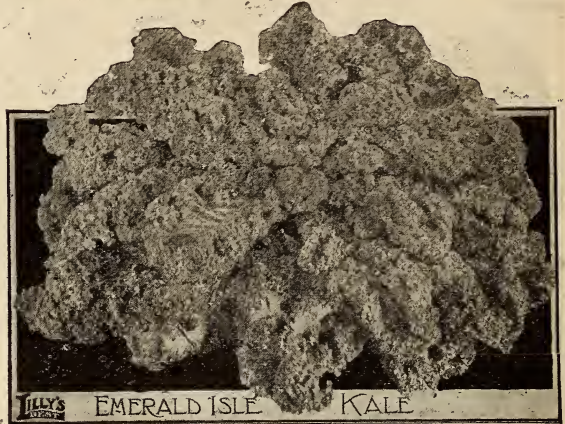
Emerald Isle Kale is a new and quite distinct variety of Green Curled Winter Kale, or Borecole, and is proving exceedingly popular. It grows to a medium height, and has large leaves very closely curled in a most attractive manner, thus making it a favorite for "greens" in Fall and Winter.

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; lb., \$1.00,



IMMENSITY LETTUCE



Lilly's Select Stock

The Largest Lettuce Grown

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;
lb., \$1.50, 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.

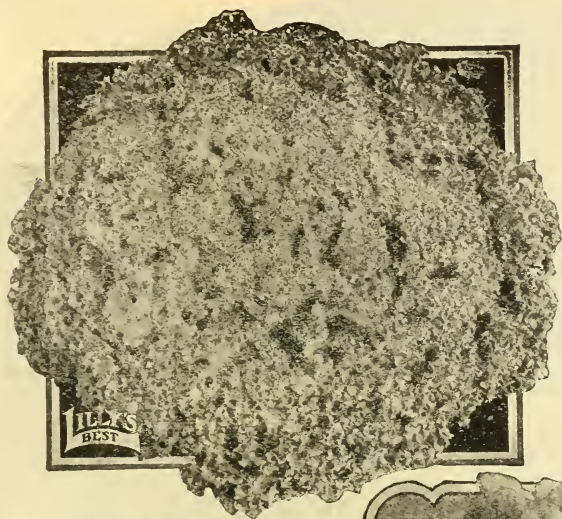
R. F. D. No. 1, Box 35,
Sublimity, Oregon, Dec. 1, 1908.

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.

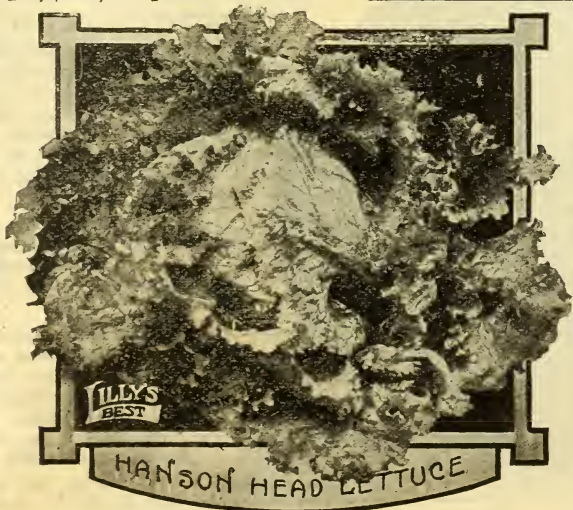


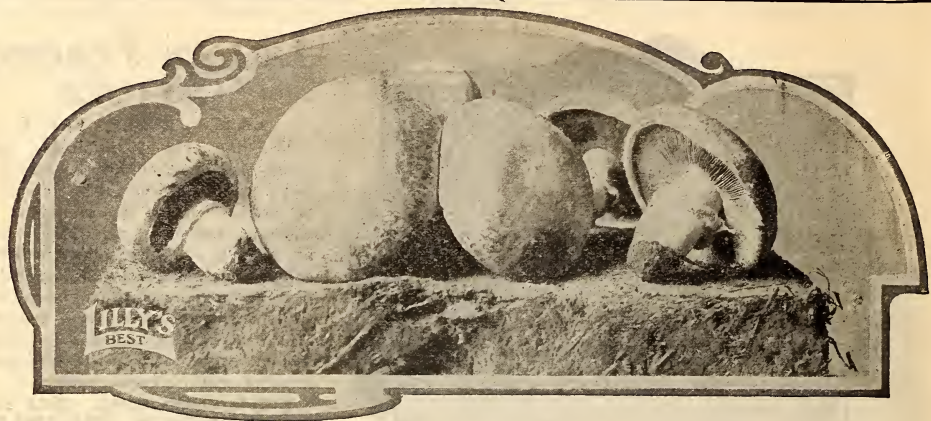
Nonpareil Hanson

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., \$1.50; Post-paid.





Pure Culture MUSHROOM SPAWN

PURE CULTURE spawn is produced from mushrooms, instead of from other spawn, and bears the same relationship to the old-fashioned English spawn that a grafted tree does to a wild seedling. Mushrooms, properly grown, are a very profitable crop, and are not nearly so difficult to grow as most persons imagine. The

Crop Book contains cultural directions, or if more detailed information is desired, a good book on the subject is listed in last pages of this catalog. A brick of spawn weighs about $1\frac{1}{4}$ lbs., and is sufficient for one square yard of bed.

Price, 25c per brick; 5 bricks \$1.00. Postage 15c per brick additional.

For larger quantities, write for prices.

LILLY'S

IMPROVED ROCKY FORD MUSKMELON POLLOCK STRAIN



ONLY ROCKY FORD Cantaloupes are served in the best hotels, and when it can be procured, no other melon is in demand in the markets. It has become world-famous for its sweet, luscious, melting flesh and delicious flavor.

The vines are healthy and vigorous, and bear abundantly. The melon is oval, of medium size, rich greenish, golden color, and beautifully netted.

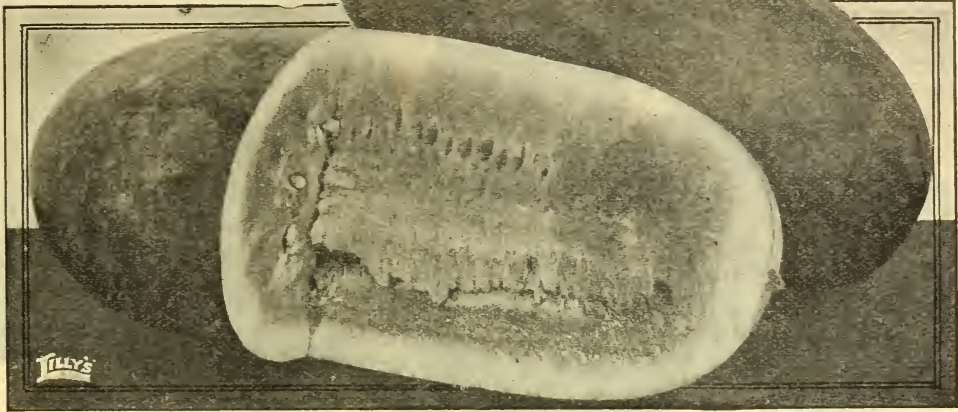
Our seed is grown specially for us by one of the most reliable growers in Rocky Ford, Colorado, and is the famous Pollock Strain.

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

By express, not prepaid, lb., \$1.15; 10 lbs., \$10.00.

SWEET AS HONEY

Water- melon



THE BEST and most delicious of all early watermelons for the home garden. Especially adapted to the Northwest. It is medium in size and oblong in form. The skin is a rich, dark green, and the flesh bright scarlet clear to the rind, entirely free from stringiness. The 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 nearby markets, it is unequalled. Sold in sealed packages only.

Oz., 10c; $\frac{1}{4}$ lb., 35c; 1b., \$1.25, postpaid.
By express, not prepaid, lb., \$1.15; 10 lbs., \$10.

King and Queen

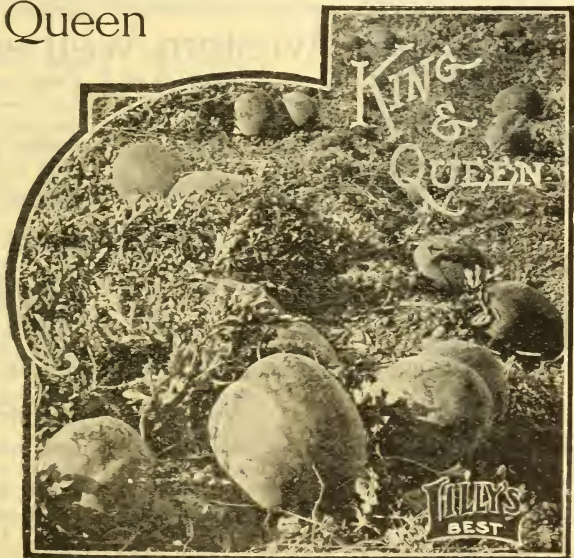
THE BEST variety for shipping. The fruit is a uniform medium size, round, smooth, and of fine appearance. It is very early and yields prodigiously. The flesh is a beautiful bright red, crisp and of delicate texture, granulated, cool and sparkling. It has very few seeds, the heart is solid, and the fine quality is sustained clear to the rind.

Sold only in sealed packages.

Oz., 10c; $\frac{1}{4}$ lb., 35c; 1b., \$1.25, postpaid.

By express or freight, charges paid by you, oz., 10c., $\frac{1}{4}$ lb., 35c; lb., \$1.15; 10 lbs., \$10.00.

Market Gardeners, and others requiring seeds in very large quantities, will please ask for special prices, giving a list of seeds and quantities wanted.



LILLY'S ONIONS

BEST FOR
THE WEST



LILLY'S BEST LONGKEEPER

AS THE NAME INDICATES, this variety possesses marvelous keeping qualities. It is globular in shape, of an attractive brownish-yellow color, mild flavor, and the finest quality. The neck is small, size medium and uniform, very solid and heavy, and produces

an enormous weight per acre. It is not only the best variety for shipping, but is also the best for the home garden. The bulbs form early and ripen well.

Sold only in sealed packages.
Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 75c; 1b., \$2.50, postpaid.

Western Wethersfield

AN IMPROVED strain of the Wethersfield, acclimated to the Pacific Coast, and as popular in the west as the Red Wethersfield is in the east. We highly recommend it for those who wish a large red onion. In shape it is flattened like the Red Wethersfield, it

is very large, and our Select Stock seed produces a crop free from necky or misshaped bulbs. The color is a rich dark brown, the flesh is a sparkling purplish white, and the flavor good. Sold only in sealed packages.

Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 75c; 1b., \$2.50, postpaid.

Prieztaker

PRIZETAKER Onion is recognized as one of our best standard varieties, but the seed must be genuine Prieztaker. Our Select Stock seed is grown with special care, produces bulbs enormous in size and prodigious in yield. It is the largest onion grown in this

country, and almost equal to the mammoth Spanish onions. The skin is pale yellow, and the flesh clear sparkling white.

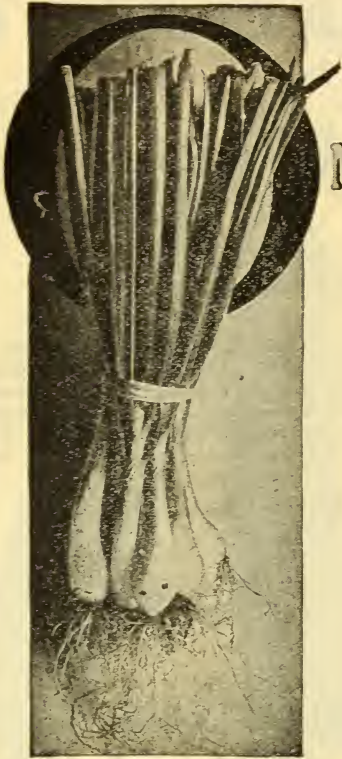
Sold only in sealed packages.
Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 75c; 1b., \$2.50, postpaid.

White Queen

THIS is the variety used for pickling by all the big pickle factories of this country. It is also a favorite for the home garden and market garden, because young onions can be produced from seed nearly as early as from onion sets. They are extra early, very small,

round, not necky, handsome and very hard. The color is a beautiful waxy white, and the flavor deliciously mild.

Sold only in sealed packages.
Pkt., 10c; Oz., 20c; $\frac{1}{4}$ lb., 75c; 1b., \$2.50, postpaid.



**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; $\frac{1}{4}$ 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.



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
SEEDSWashington
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.

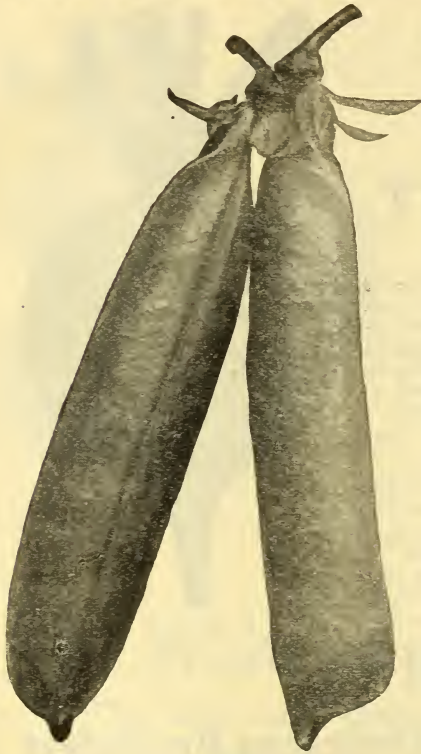
Not prepaid, Pkt., 10c; ½ lb., 15c; Lb., 25c;

"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 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."

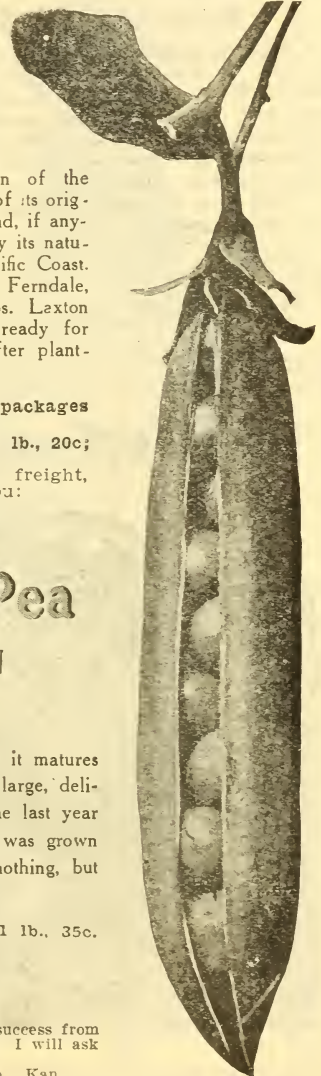
MRS. G. M. ELSBREE, Acme, Wash.

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" Earlyies 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; ½ lb., 20c;
1 lb., 35c. Prepaid.

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

LILLY'S
BEST

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; ½ lb., 20c; 1 lb., 35c. Prepaid.

By express or freight, charges paid by you: 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.

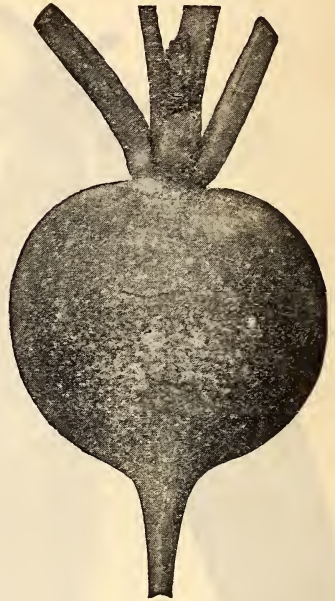
Crimson Giant is suitable for both forcing and early planting out of doors. It differs radically from all other varieties, for it will grow double the size of other round forcing kinds and still remain solid. The ordinary forcing radish after growing to two or three inches in circumference, becomes pithy; 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.

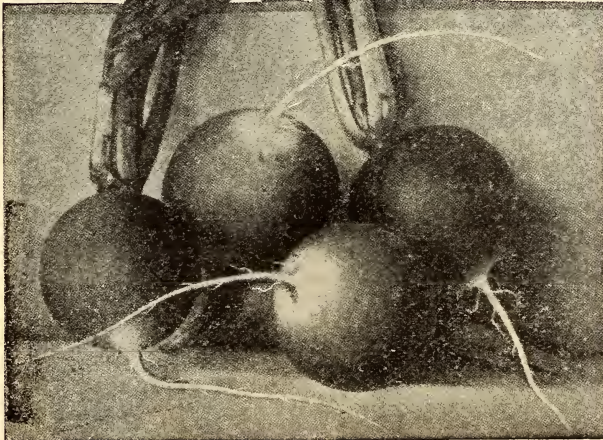
"I have used Lilly's Best Seeds six seasons, and have never been disappointed. They all grow and come true to name. A little later on I will order my peas, beans, potatoes and some other things. This order is for hot bed work."
M. A. CARTY, Lynden, Wash.



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 BEST 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 BEST 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.

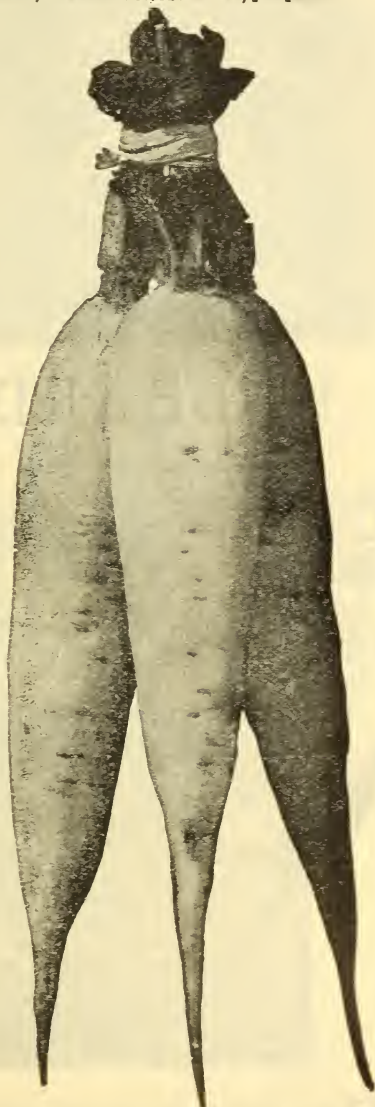
Oz. 10c.; 1-4 lb. 30c.; lb. 85c., prepaid.

"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."

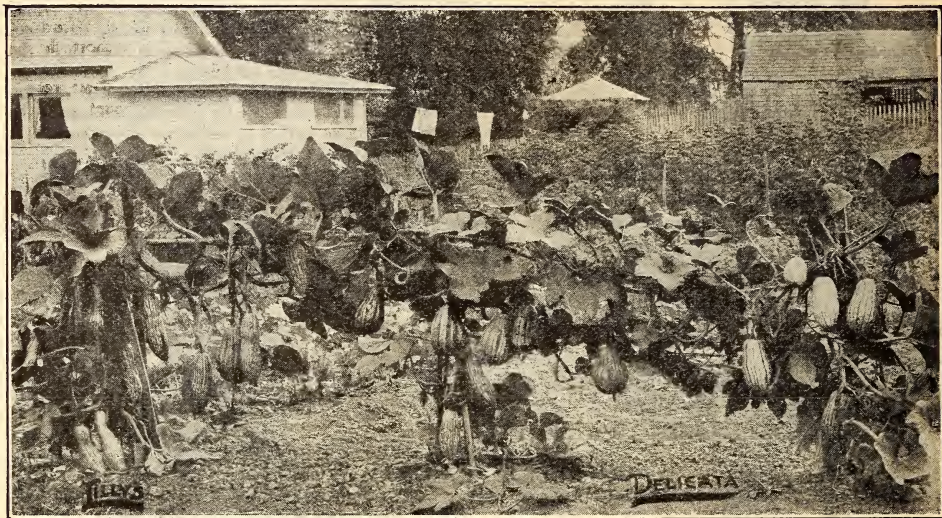
"My favorite Radish is the White Icicle, which I find to give perfect satisfaction both early and late, and it is the finest table radish I can grow."

Mrs. Mattie Halstone,

Harrison, Idaho



LILLY'S SQUASH



HUBBARD

Lilly's Superior Strain

HIS is an improved strain of the old favorite which has been with us so long, and is still king of all winter squash. It is unequalled for baking, splendid for pies, and is the best winter keeper.

Sold only in sealed packages.

Oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00, postpaid. By express or freight, not prepaid, lb., 90c; 10 lbs., \$7.50.

DELICATA

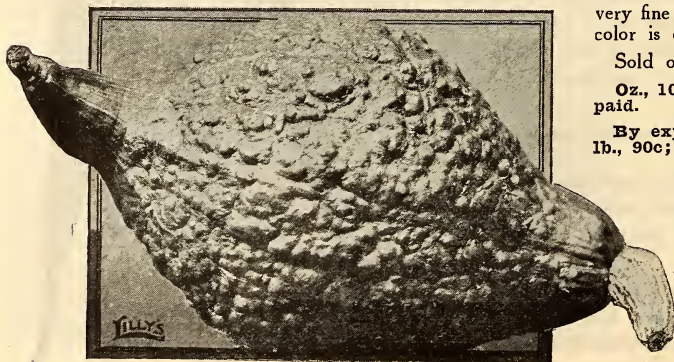
For Summer or Winter

DELICATA is earlier than any other vine squash, being ready for use nearly as early as the bush varieties, and it is supplanting those varieties, as it is far superior in quality and flavor. It is as dry, sweet and deliciously flavored as any winter squash, and if properly stored will keep nearly as long as the Hubbard. Although not large, it is very solid and heavy, and bears remarkably, as shown in above half-tone. The seed cavity is very small, and the flesh very fine grained, rich and delicious. The color is orange striped with dark green.

Sold only in sealed packages.

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

By express or freight, not prepaid, lb., 90c; 10 lbs., \$7.50.



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 that 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.

MRS. MORGAN EMERY,
Matlock, Wash.



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; lb., 60c.

By express, not prepaid, 60c per lb.

Prince Borghese Tomato

A NOVEL TY
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



**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; 1b., \$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., 35c; ¼ lb., \$1.00; 1b., \$3.00. 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
SELECTPONDEROSA
SELECT STOCK

ASPLENDID 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; 1b., \$3.50. Postpaid.

LIVINGSTON'S

CORELESS

A Splendid New Variety

ANEW 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., 50c; ¼ lb., \$1.50; 1b., \$5.00. Postpaid.

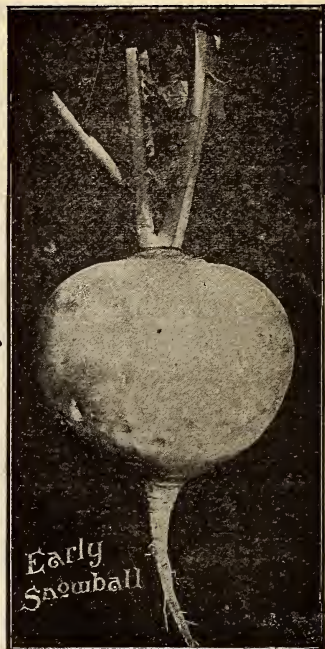
IF YOU HAVE NO HOT-BED, IT IS BETTER TO BUY TOMATO PLANTS.



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.*



GOLDEN WEST

EARLY YELLOW TURNIP

The finest yellow fleshed early table turnip in cultivation. The bulb is small, round, smooth and handsome, with yellow skin and small tap-root. The flesh is deep yellow, fine grained, tender, sweet and rich; and the flavor is unequalled. It is of quick growth, and is adapted for either spring, summer or early fall planting. *Sold only in sealed packages.*

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

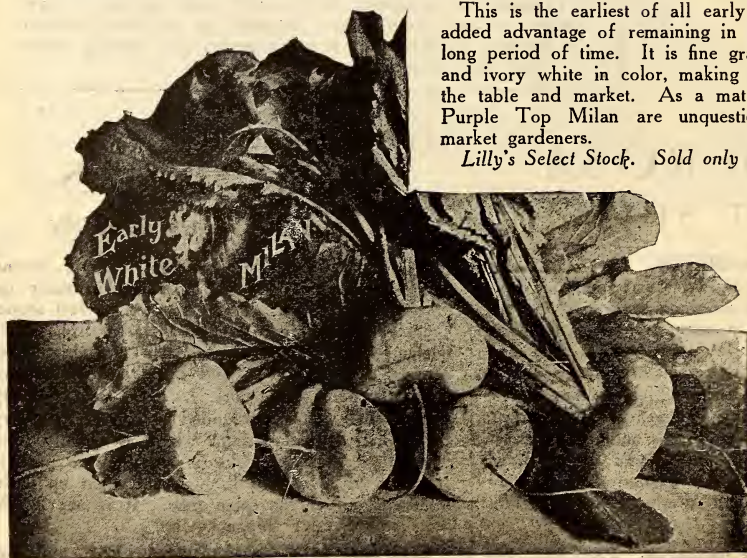


EXTRA EARLY WHITE MILAN

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 SEED

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
JERUSALEM. (Tubers). See page 85

\$.05	\$.35	\$ 1.00	\$ 3.50	\$ 3.40	\$	\$
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ASPARAGUS. (One ounce to 60 feet of drill.)

COLUMBIA MAMMOTH WHITE. See Specialties.....
COLOSSAL. A standard variety, productive and of fine quality

.05	.10	.25	.85	.75	.....	.....
.05	.10	.25	.85	.75	.....	.....
.05	.10	.25	.85	.75	.....	.....

PALMETTO. Early, prolific and of uniformly large size..
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.....
PROLIFIC BLACK GERMAN WAX. The earliest of the wax beans, with pods of medium length and generally curved. Of fine quality, stringless and tender.....
DAVIS WHITE KIDNEY WAX. An immensely productive bean. Good both green and as a dry bean.....
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	.....	.....	.30	.20	1.50	14.00
.10	.....	.....	.25	.15	1.25	11.50
.10	.....	.....	.30	.20	1.50	14.00
.10	.....	.....	.25	.15	1.35	12.50
.10	.....	.....	.25	.15	1.35	12.75
.10	.....	.....	.35	.25	1.75	15.00
.10	.....	.....	.30	.20	1.75	16.00

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

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

JONES' STRINGLESS WAX. See Specialties

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.....
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..
HORTICULTURAL DWARF. A bush variety of the popular climbing Horticultural; a fine shell bean.....
IMPROVED RED VALENTINE. Very early, practically stringless, full, round meaty pods

.10	.....	.....	.25	.15	1.15	11.00
.10	.....	.....	.25	.15	1.25	12.00
.10	.....	.....	.30	.20	1.50	14.00
.10	.....	.....	.25	.15	1.25	11.50
.10	.....	.....	.30	.20	1.50	14.00
.10	.....	.....	.25	.15	1.25	11.00

LONGFELLOW. See Specialties

LONG YELLOW SIX WEEKS. Early, productive, and of excellent quality; pods often eight inches long; popular variety

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 .....	.10			.25	.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 .....	.10			.25	.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 .....	.10			.25	.15	1.35	12.00
WHITE DUTCH CASE-KNIFE. A good bean, but not a very vigorous grower .....	.10			.25	.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....	.10			.25	.15	1.35	12.00
CARMINE POLE. See Specialties .....	.10			.30	.20	1.80	17.00
LAZY WIFE. The most popular pole bean grown. Pods are wonderfully broad, thick, and entirely stringless.....	.10			.30	.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.....	.10			.35	.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..	.10			.30	.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 .....	.10			.30	.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 .....	.10			.30	.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 .....	.10			.30	.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	.....

THE CROP BOOK CONTAINS CULTURAL DIRECTIONS AND INSTRUCTIONS FOR FERTILIZING.

Change in Prices

On account of crop failures which have developed since this catalog was printed, we are compelled to make the following changes in prices:

	By Mail PREPAID				Exp. or Frt. NOT PREPAID		
	Pkt.	Oz.	¼ lb.	1 lb.	1 lb.	10 lbs.	100 lbs.
BEETS							
Crimson Globe .....	.10	.15	.50	1.85	1.75	16.50	
Crosby's Egyptian .....	.05	.15	.50	1.85	1.75	16.50	
Early Egyptian .....	.05	.15	.50	1.60	1.50	13.00	
Early Blood Turnip .....	.05	.15	.50	1.60	1.50	13.00	
Eclipse Blood Turnip .....	.05	.15	.50	1.60	1.50	13.00	
Half Long .....	.05	.15	.50	1.60	1.50	13.00	
Long Smooth Blood Red .....	.05	.15	.50	1.60	1.50	13.00	
Detroit Blood Turnip .....	.05	.15	.50	1.85	1.75	16.50	
Swiss Chard .....	.10	.15	.40	1.50	1.40	12.50	
MANGEL WURZELS (Stock Beets)			½ lb.				
Golden Giant .....	.10		.30	.60	.50	3.00	
Half Sugar .....	.10		.30	.60	.50	3.00	
Royal Red .....	.10		.30	.60	.50	3.00	
Long Red .....	.10		.30	.60	.50	2.75	
Yellow Globe .....	.10		.30	.60	.50	2.75	
Golden Tankard .....	.10		.30	.60	.50	3.00	
Giant Intermediate, or Gate Post .....	.10		.30	.60	.50	3.00	
SUGAR BEETS							
Klein Wanzleben .....	.10		.30	.60	.50	3.00	
French White .....	.10		.30	.60	.50	2.75	
CARROTS			¼ lb.				
Early French Forcing .....	.05	.15	.50	1.85	1.75	16.00	
Golden Half Long .....	.10	.15	.50	1.60	1.50	14.50	
Short Horn, or Early Scarlet Horn .....	.05	.15	.50	1.60	1.50	14.50	
Chantenay, or Model .....	.05	.15	.50	1.60	1.50	14.50	
Oxheart, or Guerande	No Stock						
Danver's Half Long .....	.05	.15	.50	1.60	1.50	14.00	
Improved Long Orange .....	.05	.15	.50	1.50	1.40	13.50	
White Belgian .....	.05	.10	.40	1.10	1.00	9.00	
Improved Short White .....	.05	.10	.40	1.10	1.00	9.00	
Mastodon .....	.10	.10	.40	1.10	1.00	9.00	
CELERY							
Vilmorin's Paris Golden Yellow .....	.10	1.00	3.00	10.00	9.90		
Silver Plume .....	.10	.75	2.75	9.00	8.90		
Golden Self-Blanching .....	.05	.50	1.75	5.00	4.90		
PARSNIPS							
Palo Alto .....	.10	.10	.30	1.00	.90		
Hollow Crown .....	.05	.10	.30	1.00	.90		
Long White Dutch .....	.05	.10	.30	1.00	.90		
SQUASH, Fall or Winter Varieties							
Hubbard .....	.10	.10	.30	1.10	1.00	9.00	
Fordhook .....	.05	.10	.30	1.00	.90	8.00	
Sibley, or Pie's Peak .....	.05	.10	.30	1.00	.90	8.00	
Golden Hubbard .....	.05	.10	.30	1.10	1.00	9.00	

The CLIPPER

GRAIN, SEED and BEAN **CLEANER**

See page 114.

No. 1. Hand Power, \$25.00 f. o. b. Seattle

No. 2. Hand Power, \$35.00 f. o. b. Seattle

Ground Lime Rock

Much of the soil west of the Cascades contains vegetable acids, making it sour and unproductive. The only cure is lime, and Ground Lime Rock is the best form of lime for the purpose. It is highly

recommended by the Agricultural Colleges at Pullman and Corvallis. Requires 1,000 to 2,000 lbs. per acre.

Price: 50c per 100 lbs.; \$6.50 per ton. Carloads, in bulk, \$3.50 per ton, f. o. b. Seattle.

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.

HALF LONG. A blood beet of superior quality; tender, sweet and free from woody fibre; for slicing it is unequaled; flesh of vivid rich red color. A good winter keeper .....	.05	.10	.20	.65	.55	5.00	.....
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	.....

MANGEL WURZELS. (Stock Beets.)

			½ lb.				
GOLDEN GIANT. See Farm Seeds Section.....	.10	.....	.25	.50	.40	2.50	.....
HALF SUGAR .....	.10	.....	.25	.50	.40	2.50	.....
ROYAL RED .....	.10	.....	.25	.50	.40	2.50	.....
LONG RED .....	.10	.....	.20	.35	.25	2.15	.....
YELLOW GLOBE .....	.10	.....	.20	.35	.25	2.00	.....
GOLDEN TANKARD .....	.10	.....	.25	.50	.40	2.50	.....
GIANT INTERMEDIATE, or GATE POST.....	.10	.....	.20	.35	2.50	2.25	.....

SUGAR BEETS

KLEIN WANZLEBEN. See Farm Seeds Section.....	.10	.....	.25	.40	.35	2.50	.....
FRENCH WHITE .....	.10	.....	.20	.35	.25	2.00	.....

BROCCOLI.

LARGE WHITE FRENCH. Produces heads like cauliflower, to which it is inferior, but hardier.....	.05	.40	1.25
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BRUSSELS SPROUTS.

DWARF IMPROVED. A dwarf compact-growing sort, producing "sprouts" of fine quality05	.15	.45	1.50	1.40
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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	.....	.....

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

COMPLETE LIST LILLY'S BEST VEGETABLE SEEDS

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

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.
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 probably 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.							
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	.....	.....	.....	.....	.....
COLLARDS.							
TRUE GEORGIA. Used in the south as greens. Not adapted to the Northwest .....	.05	.15	.30	1.00	.90	.....	.....
CORN SALAD.							
LARGE HEADED FETTERICUS 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	.....	.....	.25	.15	1.25	12.00
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

COMPLETE LIST LILLY'S VEGETABLE SEEDS

	By Mail PREPAID				Exp. or Frt. NOT Prepaid		
	Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
CORN, Sweet or Sugar—Continued.							
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				
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		
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	1.00	.90	8.00	
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	



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.
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	.....	.....	.....	.....	.....
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 .....	.....	.10	.20	.45	.35	3.20	.....
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	.35	1.10	1.00	.....	.....

Thousand Headed Kale is the best winter green food for cows and poultry.

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.
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		
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	

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, 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.....				.35	.25	.....
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	.50	1.75	1.65	.....
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	.....

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



COMPLETE LIST LILLY'S BEST VEGETABLE SEEDS

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

ONIONS—Continued.

AUSTRALIAN BROWN. Very early; medium size; wonderfully solid and most attractive for market; a good keeper .....	.05	.20	.50	1.50	1.40	.....
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	1.50	1.40	.....
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

.....25	.15	1.25
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PARSLEY. (1 oz. for 300 feet of drill)

CHAMPION MOSS CURLED. Compact plants of quick, robust growth; fine cut and beautifully crimped and curled

.05	.10	.20	.60	.50
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TRIPLE CURLED. A popular dwarf variety, finely curled

.05	.10	.20	.60	.50
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PARSNIPS. (1 oz. for 200 feet of drill. 5 lbs. per acre)

PALO ALTO. See Specialties

.10	.10	.20	.60	.50	4.00
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HOLLOW CROWN. A handsome, heavy cropping variety, half long, round, smooth, white; fine texture and flavor

.05	.10	.20	.50	.40	3.00
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LONG WHITE DUTCH. More productive than Hollow Crown, but inferior in other respects

.05	.10	.20	.50	.40	3.00
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PEAS. (1 lb. for 50 feet of drill. 200 lbs. per acre)
Dwarf Early Varieties.

WASHINGTON WONDER. See Specialties

.10	35	.25	2.00
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AMERICAN WONDER. Ten to twelve inches high; extra early; of dwarf, compact growth; wrinkled; of the finest quality

.10	35	.25	2.00
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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
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NOTT'S EXCELSIOR. An early, productive pea of very delicate flavor; large, well filled pods.....

.10	30	.20	1.75
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PREMIUM GEM. Similar to Little Gem

.10	30	.20	1.65
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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.

PEAS—Continued.

Extra Early, Medium Height.

GRADUS, or PROSPERITY. See Specialties..... .1035 | .25 2.25

THOMAS LAXTON. See Specialties1035 | .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..... .1025 | .15 1.25

FIRST AND BEST. Two and one-half feet high. Extra early. Peas small, round and smooth..... .1030 | .20 1.50

Main Crop Varieties.

MOUNT RAINIER. See Specialties1035 | .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 other1025 | .15 1.25

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 flavor1035 | .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 flavor1035 | .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..... .1030 | .20 1.75

DWARF TELEPHONE. Height eighteen inches. Dwarf, stocky, healthy, vigorous and very productive..... .1035 | .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 color05 .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 pies05 .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

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

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.
RADISH. (1 oz. for 100 feet of drill. 10 lbs. per acre) Early Round, or Turnip Shaped Varieties.							
CRIMSON GIANT. See Specialties .....	.10	.10	.30	1.00	.90	.....	.....
EARLIEST OF ALL. See Specialties .....	.10	.10	.30	.85	.75	.....	.....
TRIUMPH. See Specialties .....	.10	.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 varieties .....	.05	.10	.20	.60	.50	.....	.....
EARLY SCARLET TURNIP, WHITE TIP. Round; bright scarlet, with attractive white tip; matures in 25 days	.05	.10	.20	.60	.50	.....	.....
FRENCH BREAKFAST. A general favorite; oval shape; bright scarlet with white tip; fine for forcing, or in open ground .....	.05	.10	.20	.60	.50	.....	.....
EARLY WHITE BALL. Similar to Early Scarlet Turnip, except that it is pure white .....	.05	.10	.20	.60	.50	.....	.....
Early Long Varieties.							
WHITE ICICLE. See Specialties .....	.10	.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 days .....	.05	.10	.20	.60	.50	.....	.....
LONG SCARLET, WHITE TIP. Similar to the Long Bright Scarlet, with the lower third of the root pure white .....	.05	.10	.25	.65	.55	.....	.....
Summer and Autumn Varieties.							
CHARTIER. A large, handsome summer radish; top crimson, to white at tip .....	.05	.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 diameter .....	.05	.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 diameter .....	.05	.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 others .....	.05	.10	.25	.70	.60	.....	.....
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	.....	.....
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 year .....	.10	.65	2.00	6.50	6.40	.....	.....
RHUBARB PLANTS. See Plants Section							
RUTABAGAS. See Field Seeds Section.							

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.

SALSIFY, or Oyster Plant.						
LONG WHITE FRENCH. An early variety, but not equal to others in size .....	.05	.20	.40	1.50	1.40	.....
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	.....
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
PRICKLY WINTER. An exceedingly hardy variety; leaves long and pointed .....	.05	.10	.20	.40	.30	2.50
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
BLOOMSDALE SAVOY LEAVED. A very early variety, hardy and suitable for early spring use.....	.05	.10	.20	.40	.30	2.50
VICTORIA. An early, hardy, long-standing variety, with round, slightly savoyed leaves .....	.05	.10	.20	.40	.30	2.50
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
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
MAMMOTH YELLOW SUMMER CROOKNECK. Similar to Early Summer Crookneck, but larger and later	.05	.10	.30	.90	.80	7.00
VEGETABLE MARROW. A prolific English variety. Squashes are oblong, with dull, yellow skin, and the flesh is delicious .....	.10	.10	.30	1.00	.90	.....
Fall or Winter Varieties.						
DELICATA. See Specialties .....	.10	.10	.30	1.00	.90	7.50
HUBBARD. See Specialties .....	.10	.10	.30	1.00	.90	7.50
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
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
SIBLEY, or PIKE'S PEAK. Shell smooth, thin and of pale green color .....	.05	.10	.30	1.00	.90	7.50
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
MAMMOTH CHILI. The largest of all squashes, often weighing 200 lbs.; flesh rich and fine flavored.....	.05	.10	.30	1.00	.90	7.50
SUNFLOWER.						
MAMMOTH RUSSIAN. Splendid food for poultry.....	.05	.....	.10	.25	.15	1.25
SWISS CHARD. See Specialties .....	.05	.10	.20	.60	.50	3.50
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	.....

COMPLETE LIST OF LILLY'S BEST VEGETABLE SEEDS

	By Mail PREPAID				Exp. or FTL. NOT Prepaid		
	Pkt.	Oz.	1-4 Lb.	1 Lb.	1 Lb.	10 Lbs.	100 Lbs.
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 hardness.....	.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 WEST. See Specialties.....	.10	.10	.25	.80	.70	6.00	.....
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.							
KING OF SWEDES. See Farm Seeds Section.....	.10	.10	.25	.60	.50	4.00	.....
AMERICAN PURPLE TOP IMPROVED.....	.05	.10	.20	.60	.50	4.00	.....
SKIRVING'S IMPROVED PURPLE TOP.....	.05	.10	.20	.60	.50	4.00	.....
SWEET RUSSIAN.....	.50	.10	.20	.60	.50	4.00	.....
MONARCH, or TANKARD.....	.05	.10	.20	.60	.50	4.00	.....



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.



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. 801. 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.

SEMPLER'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

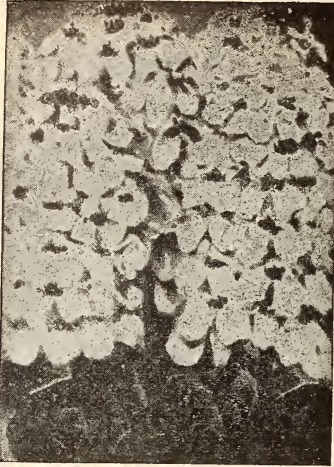
These truly grand asters win enthusiastic admiration from all who see them. The flowers are of immense size, often six inches across, composed of long, wavy, twisted petals, gracefully formed into loose, yet densely double, half-globes, resembling some of the finer Japanese chrysanthemums. The plants, 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.**



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)

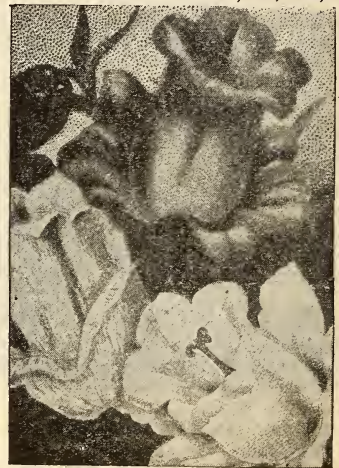
HARDY annuals of the easiest culture, and desirable for inferior soils, where less sturdy plants will not thrive. They grow about one foot high, and are literally covered with large, showy flowers, ranging in color through all shades of yellow from ivory to deep orange. Fine for massing or for borders.

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.

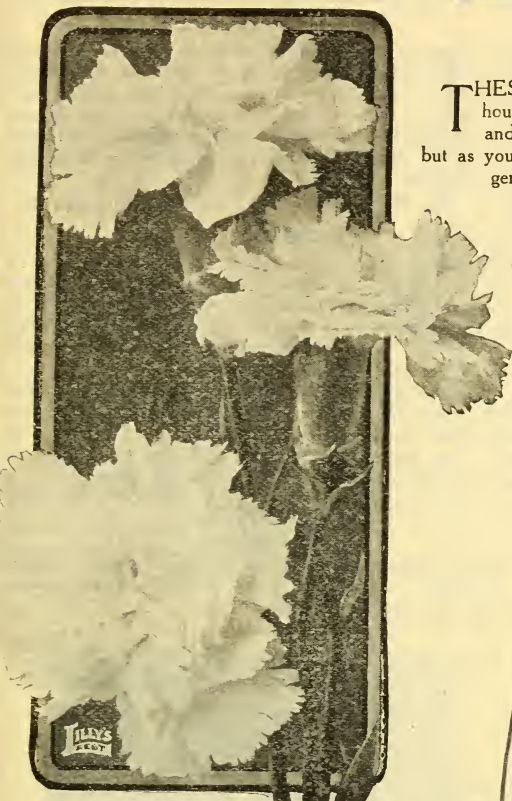
CARNATIONS

(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 hard, 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.



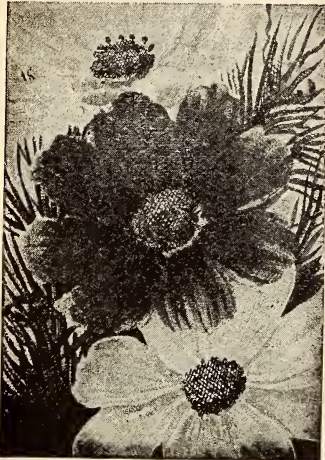
CINERARIA

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., \$1.50.

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.**



DAISY.

(Bellis Perennis).

A **ADMIRABLELY** 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.

A **NOVELTY** 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)

A **HARDY** 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

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.

(Celcisia Cristata)

A **N**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.**



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 location. 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.

NO. 310. LILLY'S VICTORIA DWARF

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. 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.

**JILLY'S
BEST**

Giant Annual
Hollyhocks
Bloom from Seed
The First
Year



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 first page of this catalog.



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.

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.**

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 DOUËLE 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 Nasturtiums 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. ~~THE~~ 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. ~~THE~~ 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 THUMBES. 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.

NICOTIANA

(Flowering Tobacco).

Showy and profuse flowering garden annuals, giving a continuous display of brilliant flowers during the entire summer and autumn. It begins flowering a few weeks after seed is sown, and thrives in a sunny position in any good garden soil. The plants are of branching, bushy habit, two to three feet high, bearing a great profusion of brilliant flowers in clusters; very fragrant.

NO. 825. NICOTIANA SANDERIA. This beautiful new hybrid Nicotiana gives a continuous display of gorgeous tubular flowers, making a display in the garden that is simply glorious. The plants are bushy, about three feet high, and covered with clusters of purple, white, violet, rose, crimson and pink flowers from early summer until killed by frost.

Pkt., 15c; Oz., \$5.00.



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.

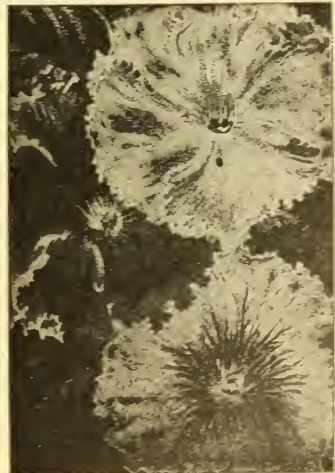
Pkt., 25c.

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.



LILLY'S
SEEDS

PANSIES

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.

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)

CHARMING perennials for winter and spring decoration; also splendid for beds and borders on the Pacific Coast, where they may be grown outdoors without protection.

NO. 72. CHINESE PRIMROSE. Produces for a long period, large trusses of splendid flowers. Mixed colors. Pkt., 25c.

NO. 73. PRIMULA AURICULA. The plant is dwarf. Splendid for rockeries, borders or pots. Large, single, fragrant flowers, borne in clusters. Mixed colors. Pkt., 25c.; oz., \$6.00.

NO. 74. JAPANESE PRIMROSE. Hardy, robust plants, bearing large trusses of blooms three feet high, for a long period. Does best in a cool, moist soil. Pkt., 10c.; oz., \$3.00.

NO. 75. PRIMULA VERIS. Early, spring-flowering, old-fashioned border plant. Mixed colors. Pkt., 10c.; oz., \$2.00.

NO. 315. PRIMULA OBCONICA. Bears trusses of large fringed-edge flowers. Splendid for either pots or beds. Mixed colors. Pkt., 25c.; oz., \$6.00.

PYRETHRUM

A hardy perennial, with bright foliage, much used for edging and borders. Seed should be sown in 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)

Ornamental annual plants of stately growth, picturesque foliage and brilliant colored fruit, producing a semi-tropical effect.

No. 140. Pkt., 5c.; oz., 10c.;

SALPIGLOSSIS

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)

FAVORITE bedding and border plants where bright colors are desired. They are half-hardy perennials, blooming the first year from seed if sown early in spring in house or hot-bed. May be sown in open ground in May. Also useful for pot-plants, for window-boxes, conservatories, and for cut-flowers.

The plant is bushy, grows two to three feet high, and bears a profusion of flowers in drooping spikes. Very fragrant.

No. 920. SALVIA SPLENDENS. Nothing else can equal the gorgeous effect of a bed of this Scarlet Sage in full bloom. Pkt., 5c.; oz., \$3.00.

No. 142. SALVIA PATENS. This is as blue as the Scarlet Sage is red. Pkt., 15c.; oz., \$8.00

SILENE (Catch-fly)

A bright colored, free flowering annual, suitable for rockery or open border.

No. 82. MIXED COLORS. Pkt., 5c.; oz., 15c.

SMILAX

A tender climbing perennial with beautiful, bright green, glossy leaves, much esteemed for conservatories and window-gardens on account of the delicate foliage.

No. 374. Pkt., 10c.; oz., 40c.



The **CROP BOOK** contains cultural directions for most of the popular flowers and plants. We will mail you a copy free, if you wish it.

SCABIOSA (Mourning Bride)

The Mourning Bride of the old gardens, but much improved in size. 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.

You need a hot-bed. The Crop Book explains how to make and operate it. Free with orders.

STOCKS

(Gilliflower)



STOCKS are among the most popular annuals for bedding and for cut flowers. For brilliancy and diversity of color, fragrance, profusion and duration of bloom they are unsurpassed. For cultural directions, see The Crop

Book.

No. 170. **EMPEROR TEN WEEKS STOCKS.** A magnificent perpetual-blooming variety. If sown in March or April, they begin to bloom in July, continuing to bear a mass of very double and delightfully fragrant flowers of great beauty, until killed by frost. 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 STOCKS.** Mixed Colors. Pkt., 10c.; oz., \$2.00.

No. 377. **LARGE FLOWERING TALL STOCKS.** Mixed colors. Pkt., 10c.; oz., \$3.50.

No. 85. **BROMPTON STOCKS.** Winter, or perennial. Mixed colors. Pkt., 10c.; oz., \$5.00.



VIOLETS

These favorite plants are entirely hardy, unexcelled for borders and cutting, and are deliciously fragrant, but because of the long time it takes the seed to germinate, we advise buying the plants.

No. 319. **LARGE SINGLE VIOLETS.** Pkt., 10c.; oz., \$1.50.

SWEET WILLIAM (Dianthus Barbatus)

A dear old-fashioned plant, producing bunches of beautifully marked and gorgeously colored flowers of great fragrance. A hardy perennial. Grows about one foot high. Good for beds or borders.

No. 26. **SINGLE SWEET WILLIAM.** Pkt., 5c.; oz., 15c.

No. 27. **DOUBLE SWEET WILLIAM.** Pkt., 5c.; oz., \$1.00.

THUNBERGIA (Black-eyed Susan)

A hardy climbing annual, growing about four feet high, valuable for hanging baskets and for covering fences. The blossoms are very pretty, in buff, white and orange, with dark centers.

No. 147. **MIXED COLORS.** Pkt., 5c.; oz., \$1.00.



Lilly's VERBENAS
GROWING SEEDS

VERBENAS

THE VERBENA is a low-growing, creeping, half-hardy perennial, blooming the first year from seed, and is splendid for beds, borders, rockeries, hanging baskets, window boxes, and for cut-flowers. The colors range from white through lilac and rose to purple. Seed started in the house or hotbed in March will produce blooms in June, or if sown outdoors in May will produce blooms in August, and will bloom continuously until killed by freezing weather.

No. 88. **FINEST GIANT HYBRIDS.** Mixed colors.

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

WALLFLOWER

AN OLD EUROPEAN FAVORITE, deserving of more appreciation than is shown it in America. It is especially adapted to the climate of the Pacific Coast, where it is entirely hardy, although it must be protected during the winter in colder climates. The plants are bushy, growing about eighteen inches high, and bear-

ing early in spring, long spikes of deliciously fragrant flowers in various bright colors, crimson, purple, yellow, apricot, mahogany, pink, etc.

No. 98. **GERMAN DOUBLE WALLFLOWER.** Mixed colors. Pkt., 10c.; oz., \$3.00.

No. 99. **SINGLE WALLFLOWER.** Mixed colors. Pkt., 5c.; oz., 20c.

Wild Cucumber

(Echinocystis)

ONE of the quickest growing annual vines, attaining a height of thirty feet in a season. The foliage is dense, and it is one of the best vines for covering trellises, old trees, fences, or any place where a quick, but not permanent growth is desired. A profusion of fragrant white flowers is followed by an abundance of ornamental prickly seed pods.

No. 995.

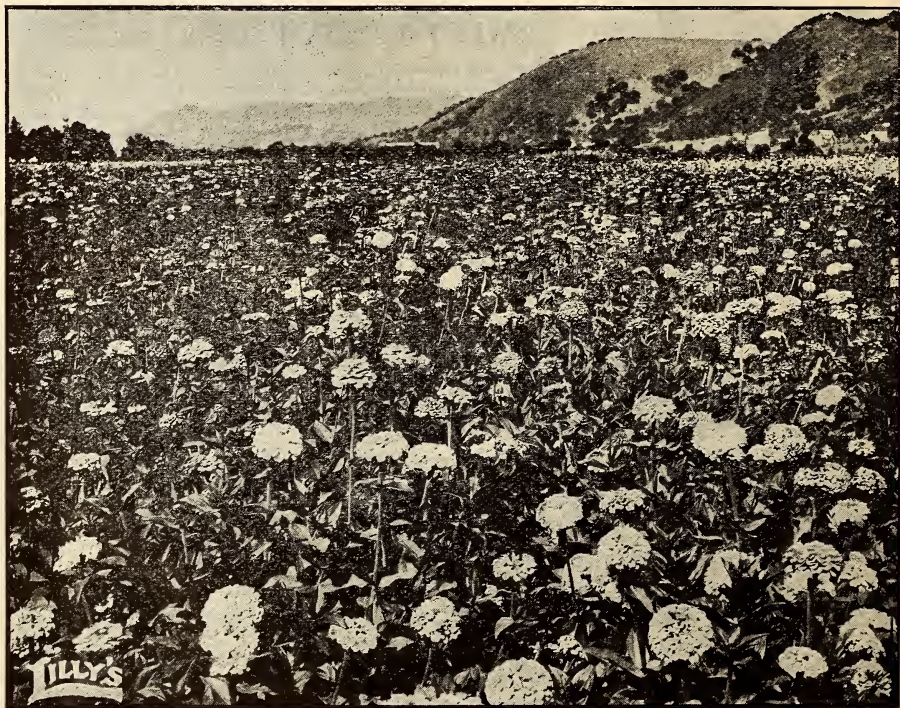
Pkt., 10c.; oz., 25c.

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. Our Wild-flower Garden packet is prepared for just such a bed, comprising the best flowering annuals, which may be sown broadcast, and will produce the best results.

No. 433.

Pkt., 5c.



GROWING ZINNIAS FOR SEED

ZINNIA

THIS old favorite annual has been greatly improved, and produces a multitude of large double flowers, excellent for bedding and for bouquets. The plants form handsome, compact bushes, two feet in height, covered with flowers of a great variety of colors and shades. They commence blooming early in summer, and continue until killed by hard frost.

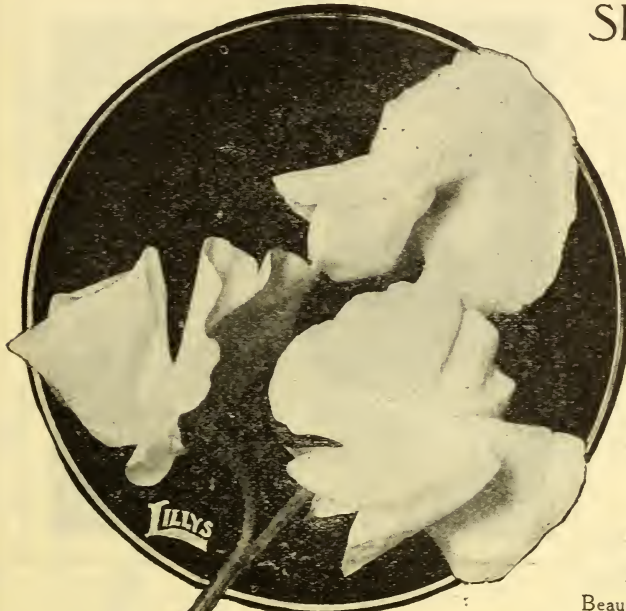
LILLY'S GIANT MIXED ZINNIA. A mixture including the best and largest types, producing plants of exceedingly handsome compact form, and immense, perfectly formed double flowers in brilliant mixed colors. No. 933. Pkt., 5c.; oz., \$1.00.

No. 100. **MIXED ZINNIA.** A splendid mixture of good varieties and colors. Pkt., 5c.; oz., 40c.

LILLY'S

SWEET PEAS

SPENCER TYPE



THIS is the most improved type of Sweet Peas. The stems are large, nearly a foot long, making them splendid for cutting, and each stem bears three or four immense flowers two inches in diameter.

LILLY'S

MIXED SPENCER

No. 1007.

This splendid mixture contains nearly all varieties of the Spencer Type, mixed for the benefit of those who wish all varieties, but do not care to keep them separate. The flowers are the same as those produced by the straight varieties.

No. 949.

Countess Spencer

The original of the superb Spencer Type. Bright, clear pink shaded to a richer and deeper pink at the edges.

Prices: 10c per packet; 20c per ounce, postpaid.

Plant Sweet Peas in November or very early in spring. See cultural directions in The Crop Book.

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 other colors.

No. 953.

Helen Lewis Spencer

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

No. 978.

John Ingman Spencer

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

No. 993.

Mrs. Walter Wright Spencer

Rose-purple, self colored; large, shell shaped. Very beautiful.

No. 1011.

Mrs. Routzahn Spencer

A beautiful blending of straw color tinted with bluish pink and shading to apricot and rose at the edges.

No. 1009.

King Edward Spencer

The best pure red Spencer. Very large, with immense wings.

No. 1005.

Asta Ohn Spencer

Soft, pinkish lavender. Very large and wavy. The best lavender Spencer.

No. 1006.

Flora Norton Spencer

Bright blue with a slight tint of purple. Nicely waved.

No. 1003.

Dainty Spencer

White with rose-pink edges. Very large. One of the most beautiful Spencers.

No. 1010.

Mrs. Joseph Chamberlain Spencer


White striped with rose. Elegantly waved.

LILLY'S SWEET PEAS

UNWIN TYPE

No. 951.

Gladys Unwin

 HIS belongs to a class by itself, very similar to the Spencer Type, but slightly 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. 974

Frank Dolby

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

No. 982.

Mrs. Alfred Watkins

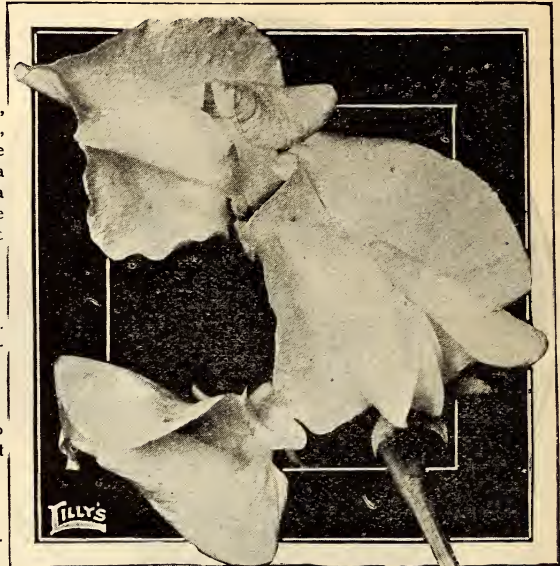
Standard pink at the base, shading to blush and buff at edges. Wings blush at base, shading to rose at edges.

No. 971.

E. J. Castle


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

Prices: Pkt., 10c; Oz., 20c, postpaid.



ROYAL MIXTURE

No. 958

 NCLUDED in this mixture are some of the best of all types and varieties of Sweet Peas. No dull colors, no small flowers. Every seed is of some worthy variety, and every flower will be as large and beautiful as those of the straight varieties. If you do not care to keep the colors separate, you will find this mixture more than satisfactory. It will produce a gorgeous array of the most exquisite blooms, ranging in color from the purest white to the most brilliant red, and from delicate blue to deepest purple.

Price: Pkt., 5c; Oz., 20c; Lb., 75c, postpaid.

EXTRA EARLY VARIETIES

No. 427.

Mont Blanc

Pure white; medium size; open form. The 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.

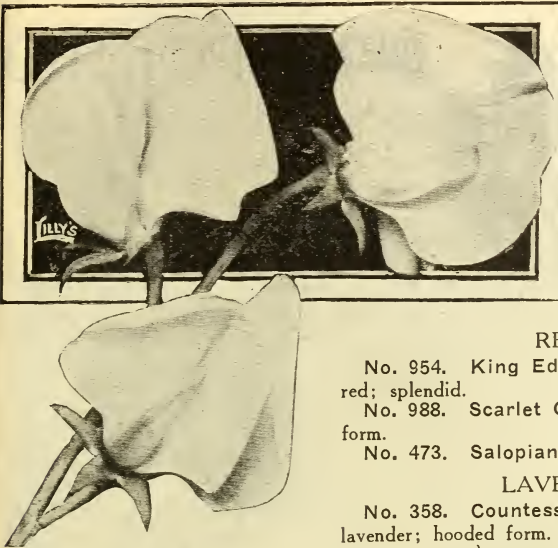
No. 998.

Burpee's Earliest White

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

Prices: Pkt., 5c; Oz., 10c, postpaid.

The Crop Book contains complete cultural directions for Sweet Peas and other popular flowers.



LILLY'S

SWEET PEAS

Grandiflora Type

BLUE PICOTEE EDGE.

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

RED AND SCARLET.

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

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

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

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. 436. 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. 973. Flora Norton. Bright, clear blue; open form; medium size.

No. 983. Senator. Standard maroon and violet; wings violet and indigo, both striped on white; large; hooded form; splendid.

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.

ORANGE AND SALMON.

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

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

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.

Prices: 5c per packet; 10c per ounce, postpaid.

WHITE.

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

PINK SHADES.

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 Robe. Pure pink; medium size; hooded.

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.

MAROON SHADES.

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

Do not fail to plant Sweet Peas. They are the most satisfactory flowers that can be grown.



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.

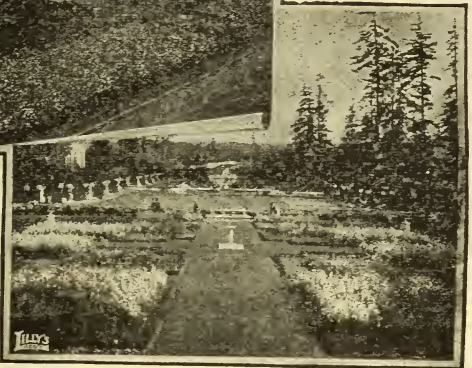
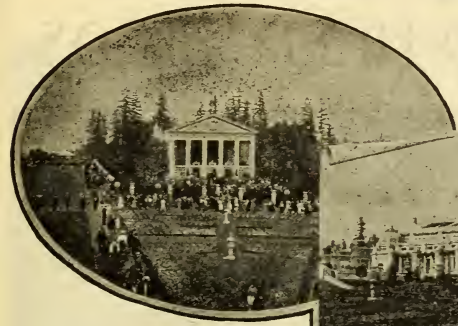
A SCIENTIFIC COMBINATION of choice selected lawn grass seeds and quick acting fertilizers, held in a dormant state until combined with soil and water, when it springs into life immediately, and produces a splendid lawn in an incredibly short time. It is equally good for establishing new lawns or renewing 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

NONPAREIL LAWN GRASS



The Splendid Lawns
at the
Alaska-Yukon-Pacific
Exposition
Were Grown from

**LILLY'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

~~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.

~~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.

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 GRASS AND FIELD SEEDS

TIMOTHY AND CLOVER
5½ TONS TO THE ACRE



GR^{EAT} CARE should be exercised in purchasing grass and clover seeds. This is even more important than with other seeds, for on account of being perennials, and the land not being cultivated, it is difficult enough at the best to keep weeds down, without sowing weed seeds. Also, they are the most easily adulterated with cheaper seeds or dead seeds which will not germinate, and for that reason it is more economical to buy the very best seed obtainable at the highest price than ordinary seed at half the price. Cheap seed is expensive at any price.

We of the Northwest are greatly favored in the splendid Washington State Pure Seed Law. This law not only requires a high state of purity, but also requires that all packages of seeds weighing one pound or more shall bear the name of the seed and the name and address of the seedsman. No seed should be accepted unless these requirements are complied with.

We recommend that before any lot of seed is sown, a sample, showing the name of the seedsman from whom the seed was purchased, should be mailed

to Prof. H. D. Scudder, of the United States Department of Agriculture, at Corvallis, Oregon, to be tested for purity and germination. The report will show the number of good seeds in the sample, the number of each kind of foreign seeds and the number of good seeds which would germinate; also the number of weed seeds that would be sown on an acre of ground. This service is a great boon to the farmer, is absolutely free, and you should never fail to take advantage of it.

We do not handle any seeds which do not comply strictly with the Washington State Pure Seed Law, and all seeds branded **LILLY'S** are much better than the law requires. They are the best seeds that can be procured, and are carefully re-cleaned with our splendid modern seed-cleaning machines.

We make a specialty of grass and clover seeds, handle them in much larger quantities than any other seedsmen in the West, and thus have a great advantage over our competitors.

Purchase only seeds branded **LILLY'S**; the difference in price is slight, but the difference in quality is great.

"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.

"It is certainly the finest clover seed I have ever seen. If it isn't a good crop it won't be the fault of the seed."

GEORGE W. EUSTACE,
R. F. D. No. 3, Tacoma, Wash.

"I am desirous of obtaining Clover, Alsylke 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 **LILLY'S**

LILLY'S
BEST ALFALFA

(Medicago sativa)

Absolutely free from Dodder
99% Pure

ALFALFA is the most valuable hay, forage and silage crop wherever it can be grown, and in addition to producing each season three or four heavy crops of the most nutritious food for cattle, sheep, hogs and poultry, it is a wonderful improver of the soil. In common with other legumes, it draws nitrogen from the air and distributes it in the soil, thus increasing the fertility instead of depleting it.

It has an immense root system, the tap-roots going down ten or fifteen feet, and in texture of the soil and bringing to the surface fertility which would not be reached by other plants.

Alfalfa requires a rich soil, well drained, for if the roots reach a subsoil on which water stands, the plant will be drowned out. This accounts for the fact that there are few places west of the Cascades where alfalfa can be grown successfully.

No alfalfa seed should be sown without first having a sample tested as suggested on the previous page. The worst enemy of the alfalfa grower is dodder. It is very difficult to obtain alfalfa seed which does not contain more or less dodder seed, and the utmost caution must be taken to avoid sowing such seed.

A SINGLE PLANT OF LILLY'S BEST ALFALFA

LILLY'S ALFALFA is absolutely free from dodder or other weed seeds, and is better than 99 per cent pure. It is extra fancy seed, is re-cleaned and only the largest and plumpest seeds retained. It sometimes happens that we are unable to produce seed good enough to brand **LILLY'S** in which case we write to our customers requesting the privilege of substituting Choice Alfalfa.

CHOICE ALFALFA is good commercial seed, and better than the best that can usually be procured in the open market. It complies strictly with the Washington State Pure Seed Law, is free from dodder, Canada thistle and wild mustard, and is at least 96 per cent good sound seed. However, we recommend that only **LILLY'S** Alfalfa be sown when it can be procured. It is poor economy to economize on seeds.

Turkestan Alfalfa

(Medicago Turkestanica)

THIS variety is almost identical with Medicago Sativa, except that it is supposed to be more hardy and better 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.

We have only one grade of Turkestan Alfalfa. It is better than is required by the Pure Seed Law. Sow 8 to 15 lbs. per acre.

Crimson Clover

(Trifolium incarnatum)

CRIMSON CLOVER is an annual, useful principally as a cover crop and to plow under as a green manure. It can be grown in the Willamette Valley, and is a good crop in California, but further north we do not recommend it, as Vetch is a much more satisfactory crop. We have only one grade of Crimson Clover, which we guarantee to comply with the Pure Seed Law.

Sow 12 to 20 lbs. per acre.

The Crop Book contains good articles on Alfalfa and Clover. It is free for the asking. For prices, see enclosed Price List, or later issues which will be mailed on request.



LILLY'S RED CLOVER

(*Trifolium pratense*)
99% PURE SEED

RED CLOVER is to the country west of the Cascades what alfalfa is east of the mountains, and where alfalfa cannot be grown this is the most valuable of all hay, forage or silage crops. It produces three crops each season for several years and the food value and fertilizing qualities are about the same as alfalfa and vetch.

Great care should be exercised in purchasing seed, for beside the danger of sowing troublesome weed seeds on your farm, cheap seed is very liable to cost more than good seed at twice the price. Some seed contains as low as 20 per cent good sound seed which will grow. It is easily understood that this is more expensive than a high grade containing 99 per cent good seed.

LILLY'S BEST RED CLOVER is the best that can be produced, and is thoroughly recleaned. It contains no dodder or other weed seeds, and no small, dead or shrunken seeds. No seed which is less than 99 per cent pure is branded

CHOICE RED CLOVER is better than is required by the Washington State Pure Seed Law, which requires 92 per cent good sound seed, allowing 8 per cent for shrunken seed, dirt, chaff and other foreign substances. This is good seed, but we advise sowing the very best that can be procured. Sow 12 to 20 lbs. per acre.

LILLY'S WHITE CLOVER

(*Trifolium repens*)

WHITE CLOVER is excellent in lawn mixtures, as it makes a quick growth and splendid appearance while other grasses are forming a turf. It should be used in mixtures with Blue Grass and other grasses at the rate of 25 to 100 lbs. per acre. It should also be included in all pasture mixtures, and should be sown at the rate of 6 to 8 lbs. per acre with Italian Rye Grass, Orchard Grass, Red Top and other pasture grasses.

LILLY'S BEST WHITE CLOVER is an extra fancy grade, guaranteed to be 99 per cent pure sound seed, free from other grass or weed seeds. No other should be used on lawns, where it is difficult enough at the best to keep weeds down.

CHOICE WHITE CLOVER is good seed, guaranteed to comply with the Pure Seed Law, and is suitable for pastures or burned-over land.

MAMMOTH RED CLOVER

(*Trifolium medium*)

MAMMOTH RED CLOVER grows five or six feet high, is so coarse that it is of little use for forage, and is used almost exclusively to plow under as a green manure. It is valuable for this purpose on account of its deep-rooting habits and its ability to draw nitrogen from the air. We have only one grade, which complies strictly with the Pure Seed Law.

Sow 12 to 20 lbs. per acre.

LILLY'S ALSIKE

(*Trifolium hybridum*)

ALSIKE is especially useful on land that is too wet for red clover, as it will stand almost any amount of moisture, and is good in both pasture and hay mixtures. It is a perennial, and makes a growth about two-thirds that of red clover. It will not stand a great deal of drought on account of its shallow root system, and is not as well liked by stock as either red clover or white clover. It is valuable as a honey plant.

Much of the seed on the market contains a great deal of sorrel, also dodder, timothy and white clover, as these seeds are difficult to separate from the Alsike.

LILLY'S BEST ALSIKE is guaranteed to be 99 per cent pure sound seed, free from dodder, sorrel or other foreign seeds.

CHOICE ALSIKE is a good grade of seed, and is better than is required by the Pure Seed Law.

Six to ten pounds is sufficient for an acre.

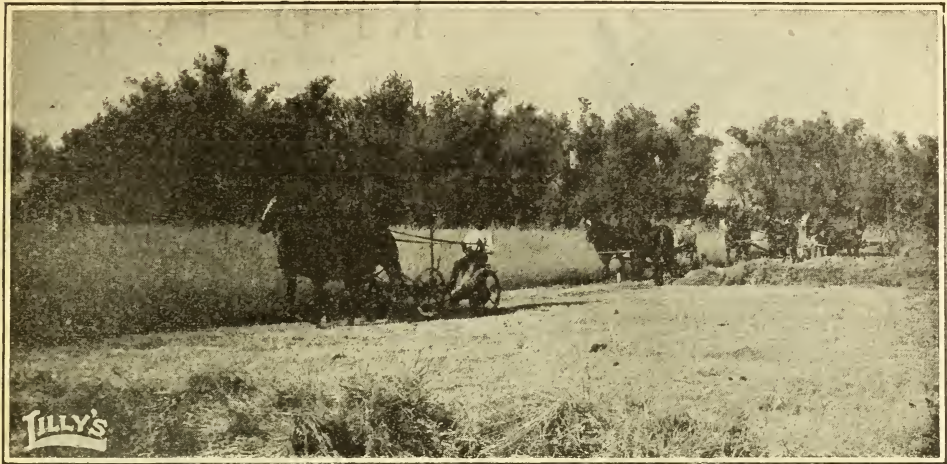
BOKHARA CLOVER

(*Melilotus alba*)

BOKHARA CLOVER, also called Sweet Clover, is a rapid growing perennial plant, three to five feet high, and is covered with small white flowers of great fragrance and sweetness. It is sometimes sown in meadows and lawns, but its chief value is for bee pasture.

We have only one grade, which is better than is required by the Pure Seed Law.

Sow ten pounds to the acre.



LILLY'S BEST TIMOTHY EXTRA FANCY RECLEANED 99% PURE

(Phleum pratense)

TIMOTHY is the best known of all grasses, and if hay is to be produced for market, it is the most valuable, for it brings the highest price. If grown for market, it should be sown alone at the rate of 18 to 25 lbs. per acre. For home use, we recommend mixing it with other grasses and clovers, as it makes better hay and pasture.

LILLY'S BEST TIMOTHY is grown in Idaho, on land free from weeds, is recleaned, and tests 99 per pure, sound seed. It is the best seed that can be procured, consequently is the cheapest.

We request that samples of all seeds purchased from us, as well as those from other seedsmen, be sent to the Department of Agriculture for analysis, as suggested on page 67. Send a sample of ordinary seed and a sample of **LILLY'S**, and compare reports. After doing so, you will never sow any but **LILLY'S**.

CHOICE TIMOTHY is a good commercial grade, better than is required by the Pure Seed Law. However, the difference in price will not justify sowing this when **LILLY'S** can be procured.

KENTUCKY BLUE GRASS

(Poa pratensis)

KENTUCKY BLUE GRASS is the most popular lawn grass, and is valuable in pastures. It may be sown alone, but grows rather slowly at first, and is a rather shallow rooter, so that it is usually best to mix with quicker growing and deeper rooted grasses. For

LILLY'S BEST KENTUCKY BLUE GRASS comes direct from Kentucky in car-load lots, and is the best seed that can be procured. It is free from Canadian Blue Grass, Red Top and other foreign seeds, and is very much better than is required by the Washington Pure Seed Law.

CANADIAN BLUE GRASS

(Poa compressa)

CANADIAN BLUE GRASS is erroneously considered by some to be a worthless grass. This opinion is probably caused by the fact that there has been so much complaint that Kentucky Blue Grass is adulterated with it. This, of course, is a serious fault with Kentucky Blue Grass, but Canadian Blue Grass, when purchased and used as such, is often more valuable. It is more hardy, makes a quicker growth, is easier to get started, and makes an exceedingly tough turf. It makes a good lawn, and is splendid in pasture mixtures.

We have only one grade of this seed, which complies with the Pure Seed Law.

CREeping BENT, OR FLORIN

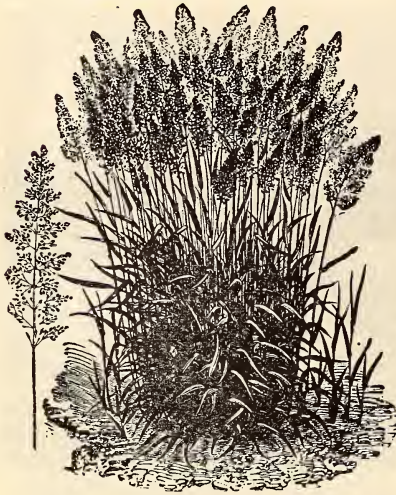
(Agrostis stolonifera)

CREeping BENT is one of the very best lawn grasses. Its creeping, rooting stems form a strong and enduring turf, which is positively improved by tramping. It is equally good in pasture mixtures. Sow 50 lbs. per acre, or in the same proportion when mixed with other grasses.

BERMUDA GRASS

(Cynodon dactylon)

BERMUDA GRASS is valuable in the south for either lawn or pasture. It thrives on poor, sandy soil, and resists drought and extreme heat. As it cannot endure frost, it is of no use north of California. Sow 10 lbs. per acre.



ORCHARD GRASS

(*Dactylis glomerata*)

ORCHARD GRASS, or Cock's Foot, is one of our most useful grasses. It comes very early in spring, and furnishes an abundance of succulent feed earlier than any other grass. It will thrive in shady places where other grasses will not grow. As it is a bunch grass, it is best mixed with other grasses, for if sown alone the bunches are easily uprooted by stock. It makes good hay if cut as soon as in blossom; immediately after that the stems become hard and woody. There is some objection to it for hay on account of maturing before other grasses in mixture are ready to cut, and before there is good weather to cure it. It is especially valuable, mixed with other grasses and clovers, for pastures and for sowing on logged-off and burned-over lands.

It is rather difficult to get seed which is not mixed with Rye Grass and Mesquite. Samples should be sent to the Department of Agriculture for analysis.

Our seed is free from other grass and weed seeds, and is guaranteed to comply with the Pure Seed Law.

BROME GRASS

(*Bromus inermis*)

THIS is a very valuable grass for the semi-arid regions, but for Western Washington and Western Oregon there are other grasses more useful. It has not as high feeding value as some other grasses, and is rather difficult to

eradicate when well established, but it will stand almost an unlimited amount of drought, and will grow on dry, loose soils. It is valuable in such localities where other grasses cannot be grown.

Sow 35 to 40 lbs. per acre.

RED TOP

(*Agrostis vulgaris*)

RED TOP, or Herd's Grass, is valuable in wet places, where other grasses will not grow. It is rather slow in starting, but when a good stand is secured, it makes one of the best permanent pastures and a fair grade of hay. It is usually best mixed with other grasses, such as Timothy, White Clover and Alsike.

Red Top is sold in two forms, Solid Seed and Seed in Chaff. We recommend the Solid Seed, as it is free from chaff, does not cost any more per acre, and is easier to sow. Seed in Chaff may be just as pure, but as nearly half the weight is chaff, there is no economy in sowing it.

If sown alone, use 30 lbs. of Solid Seed, or 60 lbs. of Seed in Chaff, per acre.

Our seed is the best that can be procured. We do not handle any seed which does not comply with the Washington State Pure Seed Law.

TALL MEADOW OAT GRASS

(*Avena elatior*)

OAT GRASS grows two to four feet high, and produces a heavy yield of a good quality of hay which is well liked by all stock. It is grown extensively in California, is very successful in Eastern Washington, and is worthy of a trial in other localities. It is deep-rooted, and resists drought.

It may be sown alone at the rate of 40 to 50 lbs. per acre but it is best mixed with other grasses, when 25 to 30 lbs. per acre is sufficient.

REED CANARY GRASS

(*Phalaris arundinacea*)

REED CANARY GRASS is mainly grown on account of the seeds furnishing food for trout and wild fowl, but while young it may be cut for green forage for cows. It prefers stiff, wet land, and is sown on the banks of rivers and lakes. It is the only grass which will endure being flooded for any length of time. Sow 40 lbs. per acre.

MESQUITE

(*Holcus lanatus*)

MESQUITE, also known as Velvet Grass and Meadow Soft Grass, is of little agricultural value, except for pastures on light sandy or marshy soil where other grasses will not grow. It is not relished by stock, and on account of its spreading habit, it is liable to become a nuisance.

JOHNSON GRASS

(*Sorghum halpense*)

JOHNSON GRASS belongs to the sorghum family, is sweet and nutritious, and is relished by stock, but it 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.

CHEAT

(*Bromus secalinus*)

CHEAT is an annual grass, valuable for lowlands. It may be sown in either fall or spring. When cut for hay it should be cut before it becomes too ripe. Sow about 100 lbs. per acre.



English Rye Grass

(*Lolium perenne*)

EGLISH, or PERENNIAL, RYE GRASS is especially adapted to the country west of the Cascades, where it is becoming more popular each year, but is not yet as generally grown as it deserves. It has high feeding value, is relished by all kinds of stock, and is good for both hay and pasture. It prefers moist, rich loam or clay soil, but does well in almost any locality or kind of soil.

It is best mixed with other grasses. Sow at the rate of 30 lbs. per acre, alone, or in the same proportion mixed with other grasses.

We handle only choice seed, which is guaranteed to comply with the Pure Seed Law.

MEADOW FESCUE

(*Festuca pratensis*)

This is also known as English Blue Grass, and is valuable in pastures and meadows, mixed with other grasses. It is of long duration, will thrive on thin, dry soil, and will stand a great deal of abuse. Sow 20 lbs. per acre, alone, or at the same rate mixed with other grasses.

SHEEP'S FESCUE

(*Festuca ovina*)

Sheep's Fescue 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, resists extreme heat and cold, and yields a large amount of very nutritious herbage which is relished by sheep. Though a bunch grass, it may be included in lawn mixtures, on account of its fine foliage and dwarf, dense growth. Sow 35 lbs. per acre.

Italian Rye Grass

(*Lolium italicum*)

ITALIAN RYE GRASS is supposed to be a biennial, but in Western Washington and Western Oregon it will last almost indefinitely. It is one of the most valuable pasture grasses on the Pacific Coast, as it makes a quantity of green feed late in the season after other grasses are past their prime. It makes a rapid growth, and will produce more green pasture in mid-summer than any other grass.

It is a valuable grass for sowing on logged-off lands or burns, and may be sown either in fall or spring. Sow at the rate of 30 lbs. per acre.

FINE LEAVED FESCUE

(*Festuca tenuifolia*)

Fine Leaved Fescue grows only 15 to 20 inches high, in small tufts, with few stems but a large amount of bottom foliage. It will grow on dry and inferior soils, and is suitable for dry slopes on lawns. Sow 30 lbs. per acre.

HARD FESCUE

(*Festuca duriscula*)

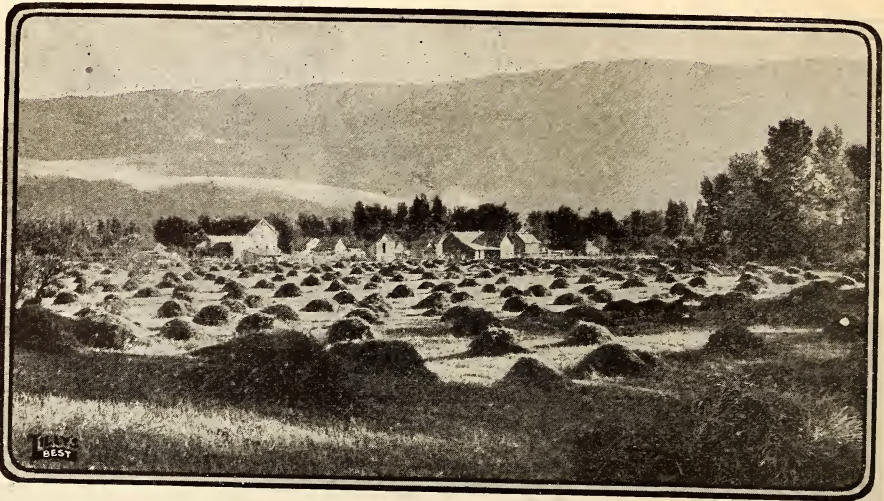
Hard Fescue is more dwarf and less vigorous than Sheep's Fescue. It is emphatically a grass for dry uplands and for permanent pastures on poor soils. Height one to two feet. Sow 30 lbs. per acre.

RED FESCUE

(*Festuca rubra*)

Red Fescue is a creeping rooted species, forming a close and lasting turf. It resists extreme drought, and thrives on inferior soils, gravelly banks and exposed hillsides. Valuable for binding shifting sands and for sandy places in lawns. Grows 25 to 30 inches high. Sow 30 lbs. per acre.

As prices fluctuate, please write for Price List before ordering.



LILLY'S
BEST

GRASS MIXTURES FOR PASTURES AND MEADOWS



WHETHER to be used for Hay or for Pasture, much is gained by sowing a mixture of several varieties of grass and clover seeds. The season or soil that is not adapted to one variety may be ideal for other varieties, so that with a well selected mixture, failure is practically impossible.

It is especially desirable for pasture, as by selecting the proper grasses, we have a mixture containing early, medium and late grasses. Also, by using a combination of bunch grasses, deep-rooting grasses and grasses with creeping, rooting stalks, we have a mixture which will produce a tough and lasting turf

which constant tramping and close cropping will not injure.

A mixture for hay must contain grasses which will mature at the same time, are tall-growing and will produce the maximum amount of hay of the best quality

The grasses in our mixtures have been carefully selected by experts, and are the best combinations possible to make for the purposes, conditions and soils for which they are intended. The seeds contained in them are the same as listed elsewhere in this catalog, and comply strictly with the Pure Seed Law.



LILLY'S PASTURE MIXTURE NO. 1 is especially prepared for wet bottom lands.

It contains Meadow Fescue, Red Top, Alsike, English Rye Grass, Kentucky Blue Grass, Canadian Blue Grass, Red Clover, Italian Rye Grass and Orchard Grass.



LILLY'S PASTURE MIXTURE NO. 2 is for dry uplands, and is especially useful

for sowing on logged-off and burned-over lands west of the Cascades. It is composed of White Clover, English Rye Grass, Italian Rye Grass, Canadian Blue Grass, Meadow Fescue and Kentucky Blue Grass.



LILLY'S PASTURE MIXTURE NO. 3 contains grasses adapted to the dry,

sandy soils east of the Cascades, as follows: Meadow Fescue, Kentucky Blue Grass, Brome Grass, English Rye Grass, Italian Rye Grass and White Clover.



LILLY'S HAY MIXTURE NO. 1 is composed of grasses and clovers suitable for

wet bottom-lands, as follows: Red Top, Alsike, Red Clover, Orchard Grass, Meadow Fescue, Timothy and English Rye Grass.



LILLY'S HAY MIXTURE NO. 2 is suitable for uplands and other soils west of the

Cascades, except very wet land. It is composed of Timothy, English Rye Grass, Red Clover, Meadow Fescue and Canadian Blue Grass.



LILLY'S HAY MIXTURE NO. 3 is adapted to the dry, sandy soils east of the Cas-

cades, and contains Timothy, Red Clover, English Rye Grass, Meadow Fescue and Brome Grass.

Any of these mixtures may be sown either in spring or fall, and should be sown at the rate of 20 to 30 lbs. per acre. As the heavier seeds are inclined to settle to the bottom, they should be thoroughly stirred before sowing.

THE CROP BOOK contains a great deal of information in regard to grasses. We will mail it to you free, if you wish it,

LILLY'S SEED WHEAT



Pedigree Blue Stem

CHIS SPLENDID wheat is still the best, and it appears to be useless to try to improve upon it. It is the only really satisfactory wheat for the section west of the Cascades, and in all other localities and under all conditions it produces the largest crops and the best quality. The heads are large, plump and well filled; the kernel is hard and the plant stools freely.

Giant Spring

Selected by us as being the heaviest yielding wheat; very early, making it doubly valuable, and being very rich in gluten, which alone is enough to recommend it. It is semi-hard and can be grown in any section of the country.

Corn Wheat

Produces a good crop on light, poor soil. It is more especially adapted to the country east of the Cascades, and on light, semi-arid soil will produce a good crop of hog food of a better quality than any other grain except corn. It will thrive in localities where corn cannot be grown.

Durum, or Macaroni

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 with ten inches of rainfall and yield fifty per cent more than any other wheat, giving the best results on new land. Besides being in great demand by the manufacturers of macaroni, vermicelli, etc., the flour makes a nutritious bread, and as a stock food it is unexcelled because it contains a large percentage of protein.

This wheat should thoroughly ripen before threshing, and the threshing should be done from the shock, if possible.

Ask your Congressman to furnish you a copy of U. S. Dept. of Agriculture Bulletin No. 70, in regard to Durum Wheat.

PRICES

As prices fluctuate, we cannot publish prices which will be good the entire season, without making them high enough to cover any possible advance. We publish Price Lists at frequent intervals, and before ordering you will please write to us for a copy of the latest issue.

SWEDISH SELECT OATS

LILLY'S WEED KILLER will destroy Wild Mustard. Ask for a copy of The Spray Book.

Heaviest Yields

Largest Grained

Thinnest Skinned

THE ORIGINAL Swedish Select Oats were introduced into America several years ago, and their success was phenomenal, but the strain has deteriorated, and is now little better than other varieties. To bring these oats back to their original state of productiveness, Garton Bros., the famous plant breeders of England, have applied their system of regeneration, and have perfected a strain which has actually produced 25 per cent more than the original strain under precisely similar conditions.

We have procured seed from Garton Bros., and have produced a crop which more than sustains their claims.

These oats are medium early; heads are open pyramidal; grain very large, plump and white; husks very thin; and straw medium long, of fine quality and extra large, making it stand up better than any other oat.

Please bear in mind the fact that our seed is of the Regenerated Strain, and much superior to the strain which has been grown in past years.

DANISH GIANT

A splendid variety for the Northwest, where the season is cool and short. It is very productive; the grain is plump, thick hulled, and of a bright yellow color, often three grains in a spike, and distributed around the entire head. The straw is very long, but being extraordinarily stiff and heavy, does not lodge; neither does the grain fall off during stormy weather. An excellent variety to sow with field peas or vetch.

AMERICAN BANNER

A popular variety of white oats. Stands up well in wet weather, and has a short, plump kernel, light yellow in color.

Oregon Gray Winter Oats

A gray oat; very hardy, and used almost exclusively for fall planting. Splendid to sow with vetch.

For prices see enclosed Price List or later issues, which are published at frequent intervals, and will be mailed to you on request.

THE CROP BOOK contains instructions for treating Oats and Wheat with Formalin for Smut, also much reliable information in regard to culture and fertilizing farm and garden crops. Free with any order, or to prospective customers, if asked for.

If you are interested in poultry, ask for a copy of our Complete Poultry Supply Catalog.

LILLY'S

BARLEY

WHITE HULLESS BARLEY

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 hullless, 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.

LILLY'S 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.

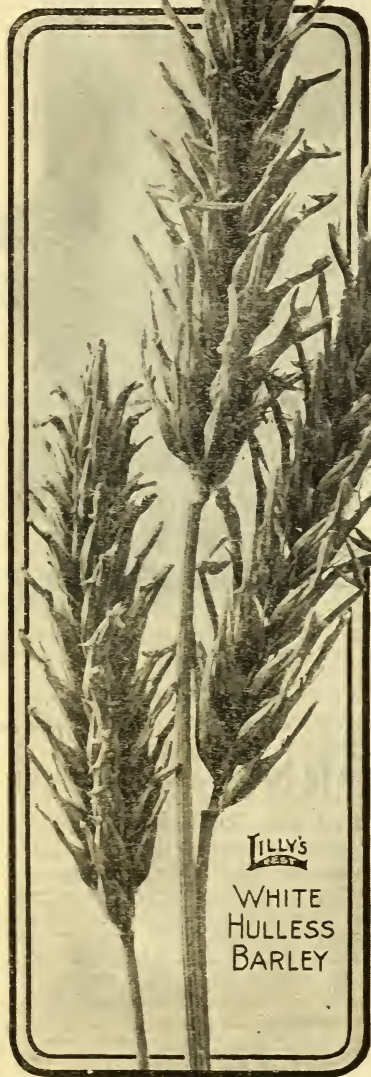
This extra heavy winter variety ripens before wheat, and yields a heavier crop than any other variety known. The composition of the grain is very similar to wheat, and is very good for hog feed. Our Russian Rye is specially re-cleaned seed, and only the largest and heaviest kernels are saved.

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.



LILLY'S
WHITE
HULLESS
BARLEY

DO NOT BUY ~~ANY~~ 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

Northern Grown

CORN

CORN can be grown in the Northwest, provided the seed has been acclimated. It is especially valuable as a fodder crop, and is unequaled for silage.

Our seed is Northern Grown, and if other conditions are favorable it will produce a crop which will mature.

GOLDEN NUGGET

An early yellow dent corn, especially adapted to Western Washington and Western Oregon.

WHITE RUSTLER

The earliest white dent corn. Acclimated in the Northwest.

Pride of the North

A quick growing yellow dent corn, recommended for the country east of the Cascades.

Leaming Improved

Early yellow dent; long, narrow kernels; heavy; productive.

Champion White Pearl

A large, white, late variety, popular as a fodder corn.

Early Canada

A yellow flint variety, adapted to the country west of the Cascades.

Sanford White Flint

An early and productive white flint variety of beautiful appearance.

FODDER CORN

Sweet Fodder Corn

A sweet corn, producing an abundance of leaves, the best for fodder, and especially good for ensilage.

"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.

"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

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



Iowa Gold Mine

Golden-yellow dent. Best in middle west and Canada. Successful in favored localities on the Coast.

King Philip

An early red flint corn, well acclimated and a general favorite.

Red Cob Ensilage Corn

A red cob sweet corn, very popular, and preferred by many for either fodder or ensilage.

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.

"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.

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.



EMMER



EMMER is a species of wheat, botanically known as *Triticum dicoccum*, resembling barley in appearance, and is especially valuable for stock food in the semi-arid regions. It has been commonly called Speltz, but this is in error, and the United States Department of Agriculture has requested us to correct the error, as Speltz is an entirely different grain, little known in this country.

They recommend Emmer very highly, especially for the Northwest. Although it has been grown under the name of Spelt for several years, it has not received the attention which it deserves. It will produce fair crops under almost any condition of soil or climate, but is most valuable in hot, dry localities, on unproductive soil, where other grains will not thrive. Under such adverse conditions it will produce more and better stock food than any other grain. In feeding value it equals or excels barley and rye, and is much more hardy and productive. West of the Cascades it may be sown either in fall or in spring; east of the mountains it is usually sown in spring. About 100 lbs. of seed is required per acre.

Ask your Congressman for a copy of U. S. Dept. of Agriculture Farmers' Bulletin No. 139, "EMMER; A GRAIN FOR THE SEMI-ARID REGIONS."

Write for Price List before ordering.

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.

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.

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.

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. Sown in spring, using thirty pounds of seed per acre if sown for seed, or twice that amount if sown for fiber.



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.

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.

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.

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.

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 dairymen 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.



LILLY'S

MANGEL WURZELS

STOCK BEETS



THE Beet is a useful succulent feed for stock, producing a high quality of animal products, and materially aiding digestion of dry foods. They are of special value for milch cows and breeding ewes; also a wonderful aid in fattening hogs and cattle.

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 their food, thus giving the greatest economy in feed, and keeping the stock in a healthy condition.

Stock beets are easy to grow, produce immense crops, and if properly stored, will keep over winter, furnishing succulent food during the winter and early spring, when it is most needed. See the Crop Book for cultural directions.

DANISH SLUDSTRUP MANGEL

The Most Improved Type

AWARDED FIRST CLASS CERTIFICATE BY THE DANISH GOVERNMENT



THE DANISH GOVERNMENT has done more than any other nation or association to improve the quality of farm and garden products; consequently many of the best new and improved varieties originate in that country. Their stamp of approval on a new variety is bona fide evidence of the superiority of that variety.

Danish Sludstrup Mangel is unknown in this country, and has never before been listed by us or any other American seedsman; however, as it has been awarded a First Class Certificate by the Danish Gov-

ernment, we are positive that we are not taking any chances in ordering a large shipment from the original grower in Denmark, and recommending it without reservation to our customers.

It is described as follows: Long, reddish-yellow, grows well above ground and is easy to pull. Highest percentage of nutriment value, and phenomenal yield. Doubtless the best mangel in the world; no other can compare with it."

By mail, postpaid, pkt., 10c; ½ lb., 40c; 1 lb., 70c.

By express or freight, not prepaid, 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

Have you seen our new Poultry Supply Catalog? It's the best yet. May we mail you a copy!

LILLY'S

MANGEL WURZELS

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; $\frac{1}{2}$ 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; $\frac{1}{2}$ 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; $\frac{1}{2}$ 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; $\frac{1}{2}$ 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; $\frac{1}{2}$ 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, pkg., 10c; $\frac{1}{2}$ lb., 20c; 1 lb., 50c.
By express, 1 lb., 40c; 5 lbs., \$1.50; 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; $\frac{1}{2}$ 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; $\frac{1}{2}$ 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; $\frac{1}{2}$ lb., 20c; 1 lb., 35c.
Express, not prepaid, 1 lb., 25c; 10 lbs., \$2.00.

The Crop Book contains cultural directions, and is furnished free with any order if requested.

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, hardness 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; 1 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., 20c; 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
THE 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; 1 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 unequaled 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 hover between life and death for a week or more, and will not make any perceptible growth for a long time, these plants 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 best adapted to the Northwest. Pot-grown plants are shipped in Nes-onset paper pots.

Season May 1st to June 30th.

Fancy Tomato Plants, grown in three-inch pots (cannot be mailed), 75c per doz.; \$5.00 per 100.

Fancy Transplanted Tomato Plants in original flats. Weight about 25 lbs. per flat of 100 plants. \$1.50 per 100; \$7.00 per 500; \$12.50 per 1000.

Fancy Transplanted Tomato Plants taken from flats and packed in baskets or bundles; 40c per doz.; \$1.50 per 100. Postage 10c per doz. additional.

Good Filled Plants in bundles or baskets; 20c per doz.; 75c per 100; \$3.50 per 500; \$6.50 per 1000. Postage 5c per doz. additional.

CABBAGE PLANTS

Strong, sturdy plants of the following varieties: Early Jersey Wakefield, Lilly's Glory, All Seasons, Danish Ballhead and Premium Late Flat Dutch.

Season March 1st to June 30th.

By mail, postpaid; doz., 15c; 100, 75c.

By express, not prepaid; doz., 10c; 100 50c; 1,000, \$2.50; 10,000, \$20.00.

CAULIFLOWER PLANTS

We can furnish only Early Alba and Snowball Cauliflower Plants, as we consider them best for either market garden or family use.

Season April 1st to June 30th.

By mail, postpaid; doz., 20c; 100, \$1.25.

By express, charges paid by you; doz., 15c; 100, \$1.00; 1,000, \$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 win-

ter use. Season May 1st to July 31st.

By mail, postpaid; doz., 20c; 100, 75c.

By express, charges paid by you; doz., 10c; 100, 50c; 1,000, \$3.50.



Rhubarb

Strong field-grown roots, grown from seed. Better than divided roots.

One year old roots, by mail, postpaid; 10c each; 75c per doz.

One year old roots, by express, not prepaid; 50c per doz.; \$3.00 per 100.

Two year old roots, by mail, postpaid; 15c each; \$1.50 per doz.

Two year old roots, by express, not prepaid; \$1.00 per doz.; \$6.00 per 100.

Season Sept. 15th to June 1st.

Chives

(Schnittlauch)

Season Sept. 15th to June 1st.

By mail, postpaid; 15c per clump, two for 25c.

By express or freight, charges paid by you; 10c per clump; \$1.00 per doz clumps.

Parsley

Season Sept. 15th to June 30th.

By mail, postpaid; 40c per doz.; \$1.75 per 100.

By express or freight, not prepaid; 30c per doz.; \$1.25 per 100; \$6.00 per 1,000.

Asparagus

Fine, hardy, field-grown roots 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, postpaid; 30c per doz.; \$1.50 per 100.

By express or freight, not prepaid; 25c per doz.; \$1.00 per 100; \$6.00 per 1,000.

Horseradish

Season Sept. 15th to June 1st.

By mail, postpaid; 5c each; 40c per doz.

By express or freight, not prepaid; 25c per doz.; \$1.50 per 100.

Brussels Sprouts

Hardy and compact, producing sprouts of fine quality and great abundance. Season May 1st to June 15th.

By mail, postpaid, 20c per doz.; \$1.00 per 100.

By express or freight, not prepaid; 15c per doz.; 75c per 100; \$4.50 per 1,000.

If you wish plants in larger quantities, please write for special prices.

Write for The Crop Book. Lilly's Complete Poultry Supply Catalog and Lilly's Spray Book. They are free, and we will be glad to mail you any of them, or all of them if you have use for them.

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 bloom-er; 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. Postpaid 10c per dozen additional.

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.

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

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.

By express, not prepaid, 25c per doz.; \$1.50

Unless you have a hot-bed it is better to purchase plants.

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 pure 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.

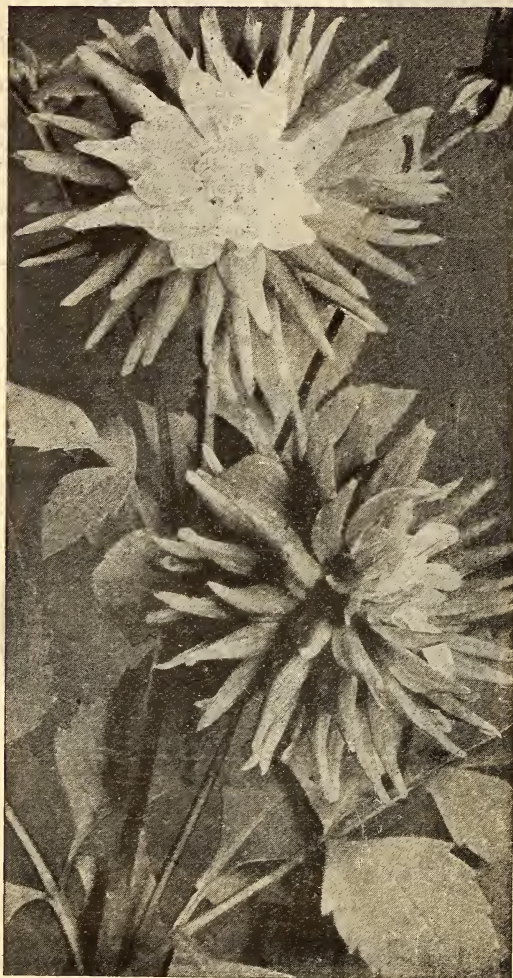
Gladiolus

Among the most popular summer flowering bulbs, and of high decorative value, either in the garden or as cut flowers.

Mixed. 50c per doz.; \$6.00 per 100.

CHOICE
COLLECTION

DAHLIAS

SELECT
STOCK

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 Doazan. 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.

HARDY PERENNIALS

SHASTA

DAISY

Large, graceful pure white flowers with yellow centers, freely produced on strong stems about two feet long. 10c ea.; \$1.00 dz. postpaid.

ALASKA

DAISY

A decided improvement over the Shasta Daisy. Flowers are $4\frac{1}{2}$ to 5 inches across. 10c ea.; \$1.00 dz. postpaid.

GAIL-

LARDIA

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.

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 doz., postpaid.

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 Bride. Pure white; excellent.

Daphne. Dwarf; carmine-rose suffused with white.

Mixed, Tall Varieties. All colors.

Mixed, Dwarf Varieties. All colors.

10c each; 75c doz., postpaid.

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 doz., postpaid.



10c each.; \$1.00 doz. Postage 5c each; 25c doz.

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.

Ruth Fisher. The latest and finest. Extra large. Dark blue.

Victoria. Dwarf; sky-blue; globular.

Mixed. All varieties mixed.

10c each; 75c doz., postpaid.

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 doz. Postage 5c each.

LAVENDER

Grows about eighteen inches high, and bears delightfully fragrant blue flowers in July and August.

One year old plants; 20c each, \$2.00 per doz., postpaid.

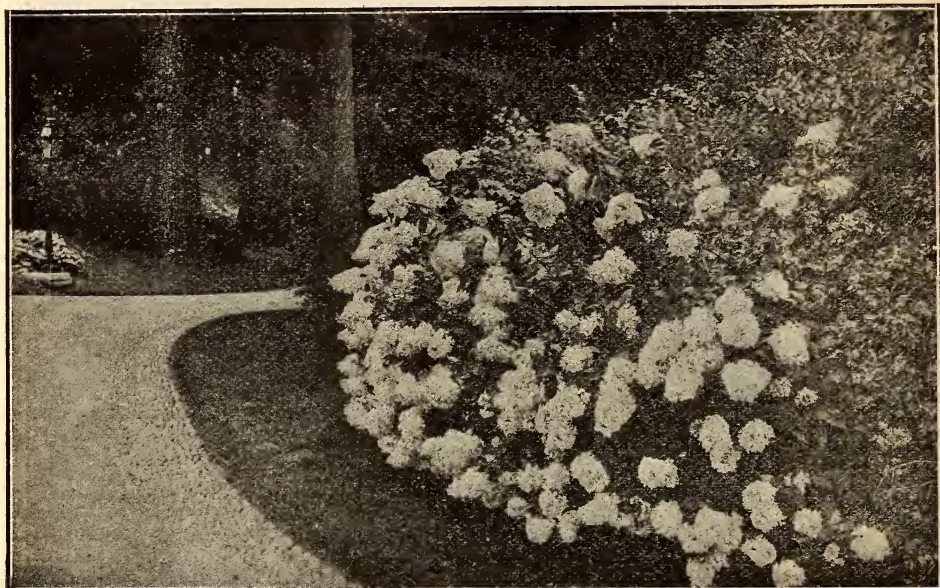
Large plants; 25c each, not prepaid.

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 doz., postpaid.

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 Sterile. 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)

ASTRONG, vigorous, almost evergreen honeysuckle, with pure white flowers, changing to yellow; very fragrant; blooms long and continuously.

This is the only variety free from aphid and other insect and disease pests.

25c each; \$2.00 dozen.

We prepay postage on plants at these prices, but when sent by mail we must send smaller plants, remove all earth from the roots, and we do not guarantee delivery in good condition.

If shipped by express, at your expense, you will get the best plants, properly packed and we guarantee them to be in good condition when delivered.



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.

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 considerable information on the subject. We will be glad to mail it to you if you wish it.

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

Hybrid Perpetual



VERY striking and distinct family of roses, distinguished from others by the luxuriant foliage, vigor of growth and prodigious blooms. They are perfectly

hardy and robust, thriving with little care and attention.

The more vigorous growers require close pruning. Although styled "perpetual bloomers," they are not so in reality, blooming only in spring and fall.

FRAU KARL DRUSCHKI

(Snow Queen, or White American Beauty)

The very highest type of its class, and the best snow-white rose that has ever been introduced. It has taken first prize at all the great rose shows of Europe, and has been adopted as the official rose of the Seattle Rose Society. The plants are extraordinarily strong, branching freely, and are very hardy and vigorous. The flowers are glorious; of immense size, and are produced in great profusion on long stiff stems.

Gen'l. Jacqueminot

The "Jack Rose" has long been the most popular hardy crimson rose, and is the standard of perfection in that color. The plant is strong and vigorous, and a profuse bloomer. The flowers are bright, shining crimson, rich and velvety; exceedingly brilliant and handsome.

Ulrich Brunner

A magnificent rose. The color is a bright cherry red; petals broad, round, and of good substance. The perfectly formed flowers are raised high above the foliage on long, strong stems.

Two and one-half inch Pot Grown, 10c each, \$1.00 per doz. of one variety. Postage 5c each or 25c per dozen, additional.

One Year Old Field Grown: 20c each, \$2.00 per doz. of one variety. Postage 5c each, or 25c per doz.

Two Year Old Field Grown: 35c each, \$3.50 per doz. of one variety. Postage 5c each

Paul Neyron

The largest rose in cultivation, flowers often measuring six inches across. The flowers are very double and full, and the color is a bright, clear pink. The plant is a strong grower, has a fine erect habit and beautiful, glossy foliage.

Hugh Dickson

Another splendid new rose. The color is brilliant crimson, shaded scarlet, of good size and fine form. The petals are smooth, slightly cupped and reflexed; highly perfumed. It is vigorous in growth, and free flowering.

Hybrid Tea Roses



THE varieties in this class combine the hardiness, vigorous growth and fragrance of the Hardy Hybrid Perpetuals with the richness of coloring and beauty of form of the Tea Roses. They produce flowers in great profusion during the entire season.

Betty

A beautiful new variety, of charming color, perfect form and delightful fragrance. The buds are long, moderately full, and formed of very large petals, whose deep, conspicuous veining further enhances their beauty. The color is coppery rose overlaid with ruddy gold.

Mad. Caroline Testout

One of the best Hybrid Tea Roses, and one of the best of the new roses for outdoor culture on the Pacific Coast. It is the official rose of Portland, and made the best display of any at the Alaska-Yukon-Pacific Exposition. The flowers are extra large, of elegant form, and the color is a beautiful, clear, delicate pink.

Killarney

This splendid Irish Rose is considered by many to be the most beautiful of its class and color. The flowers are large, semi-double, of beautiful form, and the color is deep, brilliant, sparkling shell-pink of the most exquisite shade. The plant hardy, strong, upright and free flowering, but rather inclined to mildew.

White Killarney

An offspring of the pink Killarney, and one of the most exquisite white roses. The long, full buds are handsome in shape, and the full-open flowers most refined and beautiful in form and texture.

Souvenir de President Carnot

A wonderfully handsome rose. Flowers are of large size and exquisite shape, with daintily reflexed, thick, wax-like petals. The color is a delicate rosy blush, shaded a trifle deeper at the center.

Kaiserin Augusta Victoria

This grand white rose is unsurpassed in beauty. The large flowers are beautifully formed, with gracefully reflexed outer petals. The beautiful, long, pointed buds are slightly tinged with green, and sometimes pink, but the full-blown flowers are a delicate, waxy, almost pure white.

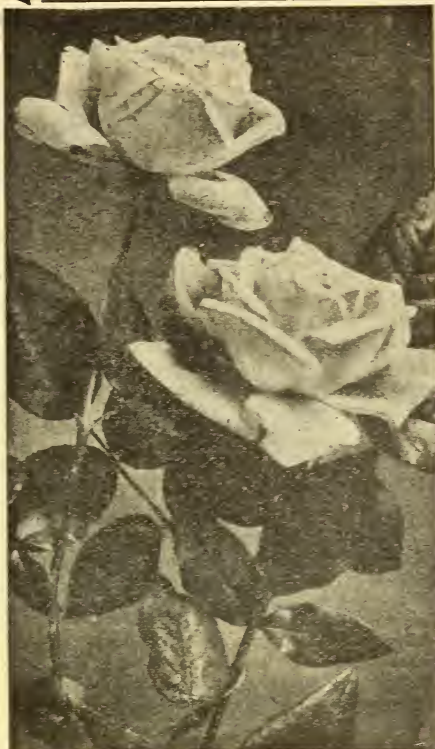
Miss Kate Moulton

Very beautiful, light pink. Of robust habit, luxuriant foliage, and a free bloomer.

Two and one-half inch Pot Grown: 10c each, \$1.00 per doz. of one variety. Postage 5c each or 25c per doz. additional.

One Year Old Field Grown: 20c each, \$2.00 per doz. of one variety. Postage 5c each or 25c per doz.

Two Year Old Field Grown: 35c each, \$3.50 per doz. of one variety. Postage 5c each additional.



Richmond

One of the most valuable introductions of recent years, and the most satisfactory red rose in existence. In form and fragrance of flower it is simply superb. The color is crimson-scarlet, and the flowers are borne on long, stiff stems.

La France

This has long been the most popular rose in cultivation, and still has few equals. Buds and flowers are of lovely form, and the color is a beautiful shade of pink tinged with crimson.

White La France

Similar to La France, except that the color is white with a slight rose-blush tint, which grows stronger in the depths of the petals.

Mad. Abel Chanteny

A very beautiful rose of novel and distinct color; rich golden pink or rose, flushed with orange or fawn.

HYBRID TEA ROSES—Continued.

Gruss an Teplitz

(Virginia R. Coxe, or Crimson Hermosa)

For intense and dazzling color, there is no other rose to compare with this. The flowers are produced in profusion during the entire growing season, are large, moderately double, and the color is fiery crimson shaded with a dark velvety sheen.

Prices same as shown on previous page.

General McArthur

A grand new everblooming bright crimson-scarlet rose. It is a vigorous grower, and every shoot produces a flower of great beauty and largest size.

Etoile de France

One of the best Hybrid Tea roses of its color, an exquisite velvety crimson, glorious in form, and delightfully fragrant.

EVERBLOOMING TEA ROSES

ONE of the most important groups of roses, and on account of their free flowering qualities, exquisite fragrance, delicate tints and fine form, are deservedly popular. They require more care and attention than any of the other classes, and should not be pruned too closely.

Francisca Kruger

An exquisite rose, blooming very freely in autumn. Flowers are large and of excellent form; coppery yellow shaded with peach. Especially good for bedding or massing.

Safrano

A splendid old rose that has never been replaced by any newcomer of its class or color. The buds and flowers are of beautiful form, and the color is a bright apricot-yellow, passing to orange and fawn.

Souvenir de Pierre Notting

Flowers very large and of good form. Color apricot-yellow tinged with golden and mixed with orange. The plant is sturdy, and foliage good.

Papa Gontier

A strong, vigorous plant and constant bloomer. The buds are very large and the flowers magnificent. Color rich cherry-red passing to crimson.

Maman Cochet

This is a queen among roses, and one of the most beautiful varieties ever grown. The flowers are of immense size, very full, and the color is rich coral-pink shaded with rosy crimson.

White Maman Cochet

Has all the good qualities of Maman Cochet, but the color is pure white.

Choice New Climbers

CLIMBING

FRAU KARL DRUSCHKI

As Frau Karl Druschki is the best white rose, this climbing form of the same rose will undoubtedly become the most popular white climbing rose. It has produced a sensation wherever grown.

One Year Old Plants, 50c each.

CLIMBING

MME. CAROLINE TESTOUT

A sport from the popular Mme. Caroline Testout, producing the same beautiful clear pink flowers, and almost as profusely. It climbs vigorously, and is the best climber of its class and color.

Postage 5c each additional.

Climbing Roses

Climbing Kaiserin Augusta Victoria

A climbing variety of the Kaiserin, with the same beautiful white flowers. A strong grower and constant bloomer.

Gloire de Dijon

One of the oldest of the Tea Roses, and still ranks among the best. The color is a pleasing rich, creamy amber, tinted with blush.

Reine Marie Henrietta

Large, finely formed flowers of a beautiful cherry-red color. Does best in partial shade.

Crimson Rambler

The best known rambler. Completely covered with great trusses of small crimson roses.

Prices same as shown on previous page.

Mme. Alfred Carriere

One of the best white climbing roses. Flowers are extra large and full; creamy white, faintly tinged with pale yellow.

Marechal Neil

A splendid climbing rose. The flowers are large, globular, very full, highly scented, and the color beautiful, deep, sulphur-yellow.

Dorothy Perkins

Very similar to Crimson Rambler, except that the color is a clear, shell pink, the foliage is better, and it is not so liable to mildew.

White Rambler and Yellow Rambler

Both of these are the same as Crimson Rambler except in color.

SMALL FRUITS



GOOSEBERRIES

INDUSTRY

Of English origin. Bears immense crops of large, red berries. Succeeds admirably in this community.

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.

CURRANTS

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.

By mail, postpaid, 30c each; \$2.50 doz. By express, not prepaid, \$2.00 doz.; \$14.00 per 100.

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.

BLACK VICTORIA

Similar to Victoria, except that it is larger, sweeter, and almost a jet black when ripe.

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.

Burbank's Phenomenal Berry



THIS is one of Luther Burbank's greatest triumphs. It is the result of a cross between the 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, is sweeter, and the same amount of berries will make twice the amount of jelly. It is very firm, and is one of the most profitable berries for the fruit grower and shipper. They are splendid for home use, and a half dozen plants in the back yard will supply an ordinary family with a delicious fruit for both fresh fruit and for canning.

By mail, postpaid, one year old (tips), 15c each; \$1.50 per doz. Two years old, 25c each; \$2.25 per doz.

By express, not prepaid, one year old (tips), \$1.25 per doz.; \$7.50 per 100. Two years old, \$2.00 per doz.; \$12.50 per 100.



LOGANBERRY



ENTIRELY different from any other berry in existence except the Phenomenal, to which it is very similar. It is a cross between the blackberry and raspberry, has a peculiar flavor all its own, and more delicious than either. The fruit is one and a quarter inches long, dark, rich red, ripens early, and the few seeds are small and soft. The canes are very large, without thorns, but have fine, soft spines, and grow ten to fifteen feet long. They must be supported on trellises.

By mail, postpaid, one year old (tips), 15c each; \$1.25 per doz. Two years old, 20c each; \$2.25 per doz.

By express, not prepaid, one year old (tips), \$1.00 doz.; \$7.50 per 100. Two years old, \$1.50 doz.; \$10.00 per 100.

JAPANESE WINEBERRY



DECIDED NOVELTY in the berry family, and a fruit of genuine merit, especially for home use. The plants make a luxuriant growth, and are very ornamental. The fruit is enclosed in a calyx, similar to the bud of a moss rose, until nearly ripe. The yield is about the same as that of the raspberry. The fruit has a peculiar, delicious flavor.

By mail, postpaid, 25c each; \$1.50 per doz.
By express, not prepaid, \$1.25 per doz.; \$8.00 per 100.

LITTOY'S NEW RASPBERRY AND BLACKBERRY CULTURE

This little book explains in detail the various varieties, their peculiarities and requirements, and the best mode of handling them. Price, 25c.

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.

By mail, postpaid, 25c each; \$2.50 dozen. By express, not prepaid, 20c each; \$2.00 doz.

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.

Salern. A splendid coppery-red grape of good flavor; hardy.

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.

THE IMPROVED SUPERLATIVE RED RASPBERRY



THIS SPLENDID new raspberry was perfected by Mr. J. F. Littooy, and was introduced by us in 1907. It has proved to be the very best red raspberry in cultivation. The berry is of immense size, very firm, with small, brittle seeds, a rich, soft crimson color and a delicious aromatic flavor, less acid than others. It is the most desirable from the shipper's standpoint on account of being firm, making a fine appearance, and being nearly a week earlier than the Cuthbert. The plant makes a vigorous growth, is hardy, disease resisting, remarkably productive, and on account of being deep-rooted, is drought resisting. It is easily distinguished from others by the deeply corrugated leaves.

As we are the original introducers of this berry, you can only depend upon getting the genuine Improved Superlative by ordering from us.

By mail, postpaid, 25c each; \$2.25 per doz.
By express, not prepaid, \$2.00 doz.; \$15.00 per 100.

CUTHBERT Red Raspberry

A popular standard variety for market and home. Produces an abundance of large, rich, deep crimson berries. Stands heat and sun well, and is a good shipper.

By mail, postpaid, 15c each; \$1.00 per dozen.
By express, not prepaid, 75c doz.; \$5.00 per 100.

The Spray Book tells how, when, and with what to spray. May we mail you a copy, free?

Plum Farmer Black Raspberry

THE PLUM FARMER is the best black-cap that has ever been introduced. It is a new variety, introduced by Mr. L. J. Farmer of Pulaski, N. Y., and according to a report of the New York State Experiment Station has made the best showing of any variety tested at that station.

The plants are hardy, vigorous and very productive. The berries ripen very early, are very large, thick meated and firm, making them splendid shippers, and are of exquisite flavor. The accompanying half-tone was made early in July, from berries grown on Lake Washington, on un-irrigated soil, and is actual life size.

It has been highly commended by the Wisconsin Horticultural Society.

By mail, postpaid, Tips 15c each, \$1.25 per doz. Two years old, 25c each; \$2.00 per doz.

By express, not prepaid, Tips \$1.00 per doz.; \$7.00 per 100. Two years old, \$1.75 per doz.; \$14.00 per 100.



THE HIMALAYA BERRY



A REMARKABLE BERRY, entirely different from any other. Although it is black, it does not belong to the blackberry family, neither is it a raspberry. The canes frequently grow fifty feet long in one season, and three plants will produce all the fruit that an ordinary family can use. The plants are perennial, and will produce fruit on the old wood, although it is better

to cut out the old wood each year, and prune the same as blackberries. The fruit begins to ripen in July and continues until winter.

The berries are borne in immense clusters, are very large, round, firm, coreless, sweet, juicy, and have a peculiar delicious aromatic flavor. For canning, jam or jelly it has few equals, and it is also an excellent table fruit. The original plants came from the Himalaya Mountains, where the severe climate has made it very hardy, enabling it to withstand extremes of cold, heat and drought.

By mail, postpaid; one year old, 15c each, \$1.25 per doz.; two years old, 25c each, \$2.00 per doz.

By express, not prepaid; one year old, \$1.00 per doz., \$8.00 per 100; two years old, \$1.75 per doz., \$15.00 per 100.

THE MAMMOTH BLACKBERRY

CHE MAMMOTH BLACKBERRY is in a class by itself, and no other blackberry can be compared with it either for size or flavor. The fruit is enormous, specimens measuring two and one-half inches long being not uncommon. It has the rich acid flavor common to blackberries, but milder, sweeter and more pleasant than others. The seeds and core are very small and soft.

It makes a rampant growth, producing canes twenty feet long in a season, is very productive, and three weeks earlier than other varieties.

By mail, postpaid; one year old, 15c each., \$1.25 per doz.; two years old, 25c each, \$2.00 per doz.

By express, not prepaid; one year old, \$1.00 per doz., \$8.00 per 100; two years old, \$1.75 per doz., \$15.00 per 100.

Evergreen Blackberry

A very popular variety. The plants are hardy and vigorous, and the berries large, sweet, rich and delicious.

By mail, postpaid; one year old, 15c each., \$1.25 per doz.; two years old, 20c each., \$1.75 per doz.

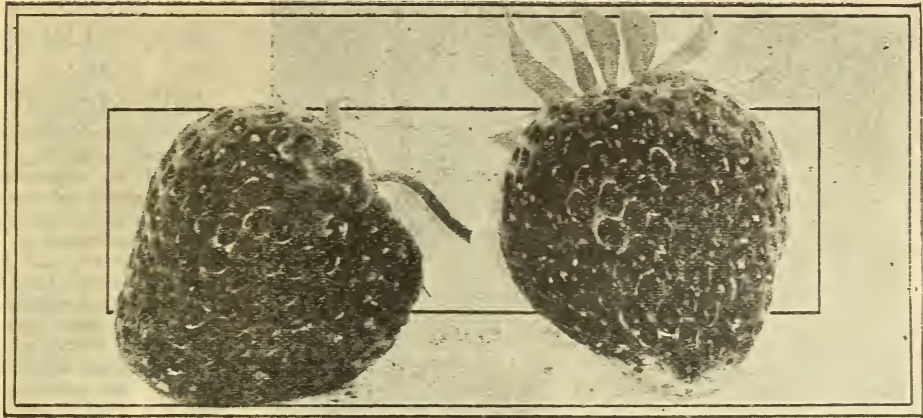
By express, one year old, \$1.00 doz., \$8.00 per 100; two years old, \$1.50 doz., \$10.00 per 100.

Lucretia Dewberry

A trailing blackberry, the finest of its class. Bears profusely, fine, large, glossy black berries; rich, sweet and luscious. Splendid for home use, and profitable for market.

By mail, postpaid; 25c each, \$2.50 per doz.
By express, not prepaid; \$1.25 per doz., \$7.50 per 100.

STRAWBERRY PLANTS



LAKE WASHINGTON STRAWBERRY

A GRAND new berry introduced by our grower on the shores of Lake Washington, the home of the most luscious strawberries. 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 exceedingly vigorous and bear wonderfully. They are especially adapted to poor, light soil; in fact, they do best on soil which is not too rich.

By mail, postpaid, 30c per doz.; \$1.50 per 100.

By express, not prepaid, 20c per doz.; \$1.25 per 100; \$5.00 per 500; \$8.00 per 1,000.

Clark's Seedling

This has long been the favorite berry on the Pacific Coast. It is supposed to be only medium early, but in this vicinity it is ready for market as early as any good berry which can be grown. The berries are of medium size, firm, and of delicious flavor.

Marshall

Ripens about the same time as Clark's Seedling is very large, of rich red color and good flavor. A favorite with commercial growers in this vicinity. The plants are extra large and thrifty.

By mail, postpaid, 25c per doz.; \$1.00 per 100.
By express, not prepaid, 15c per doz.; 75c per 100. \$3.00 per 500; \$5.00 per 1,000.

Wilson

This old favorite is still one of the very best. It is medium early, and a heavy bearer of splendid, medium sized berries of a delicious, sharp, acid flavor, and rich, dark red color; solid clear through, with no hollow core. The best variety for canning.

Magoon

A fine late variety of immense size, sub-acid flavor, good color and appearance. Very productive. The best late variety.

FANCY STRAWBERRY PLANTS

The Celebrated Kellogg Strain

THESE plants are propagated from plants purchased from The R. M. Kellogg Co., the most famous and reliable growers of "Pedigree" strawberry plants. They are grown with special care, under the Kellogg system, and the parent plants have not been allowed to bear

fruit. We can furnish only the following varieties of Pedigree plants:

CLARK'S SEEDLING and **MARSHALL**.

By mail, postpaid, 30c doz.; \$1.50 per 100.

By express, not prepaid, 20c doz.; \$1.25 per 100; \$5.00 per 500; \$8.00 per 1,000.

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.

COMMERCIAL FERTILIZER

PAYS BIG INTEREST ON INVESTMENT

The accompanying half-tones show the results of an experiment with commercial fertilizers at one of the experiment stations.

The cut on the left shows the crop of a field of potatoes on which no fertilizer was used, while that below shows the crop of an adjoining field of the same size, and the result of the correct use of commercial fertilizers.



WE DO NOT advise extensive use of commercial fertilizers until you have studied the matter thoroughly. Commercial fertilizers, if properly used, pay big interest on the money invested, but if used without knowing how, why, or what the effect will be, it is liable to be a waste of good money. Soils, crops and conditions differ so greatly that no hard and fast rules can be made for the use of fertilizers.

Under certain conditions stable manure or a crop of vetch or clover is the best fertilizer. If the soil contains sufficient humus the commercial fertilizers will be found to be the most effective, convenient and economical. We do not recommend them as a "cure-all."

To be fertile, soil must contain three ingredients, Nitrogen, Potash and Phosphoric Acid. Every pound of grain, hay, fruit, milk or other product removes from the soil a certain amount of each of these ingredients. It stands to reason that if the natural fertility of the soil is drawn from year after year without replenishing it, it is bound to become exhausted in a short time. The soil must be fed, the same as your cows, and to get the best results it must be fed the proper foods in the correct proportions. Hay is a very good food for cows, and stable manure is a very good food for soil, but you



know that you cannot get the best results by feeding hay only to your cows; neither can you get the best results by feeding stable manure only to your soil, because, although it contains all of the required ingredients, it does not contain them in the correct proportions.

An analysis of the soil is of little use, for it may show that it contains an abundance of one or more ingredients which are in unavailable form, and therefore useless. The only way to ascertain what is required is by experimenting.

We recommend procuring a small quantity of each of the various fertilizers, and using them in various locations, on various crops, and in various combinations, keeping an accurate record of what is

used, and the results. This will require considerable time and labor, but the next year you will be able to feed your soil with the same practical knowledge that a good dairyman feeds his cows, and the results will be even more noticeable.

Don't invest your money in commercial fertilizers until you know what you are getting, and why you are getting them. Don't invest a dollar until you know that you will get it back with interest, in increased crops. Study the matter carefully. Get in touch with the Agricultural Colleges. Ask your congressman to furnish you Government Bulletins or the subject. We have, for free distribution, considerable literature in regard to fertilizers, and will gladly mail it to you if you are interested.

We have made a specialty of commercial fertilizers for many years, have made a study of the subject, and although we do not pretend to know all there is to be known about it, we will be glad to answer any questions that we are able to, or will refer you to someone who can answer them.

If we think that stable manure or a green manure

crop will be more profitable than commercial fertilizer for your purpose, we will tell you so. We sell commercial fertilizers, and it is to our advantage to sell all we can, but we are in the business to stay. We want your business year after year, indefinitely. We know that if we sell you a lot of goods which are of no value to you, you will not order from us next year, but, on the other hand, if we convince you that you can depend upon our advice, you will give us increased orders each year as long as we retain your confidence.

Beware of the merchant who has one complete fertilizer which he claims will produce impossible results at all times. It sounds too much like a patent medicine advertisement.

Do not use commercial fertilizers on soil which is sour, containing vegetable acids; they would be useless, and in some cases actually harmful. First sweeten the soil with an application of air-slacked lime at the rate of one-half ton to one ton per acre, and then commercial fertilizers may be applied with beneficial results.

Complete Fertilizers

COMplete Fertilizers are so called because they contain each of the three ingredients necessary for fertility, Nitrogen, Potash and Phosphoric Acid, in correct proportions for given purposes. They are simply the correct chemical and animal fertilizers which you will find listed later on, mixed for the convenience of our customers.

The names are in some cases confusing, as they are each applicable to other crops than those indicated by the name. The guaranteed analysis is shown on each, and they may be used on any crop requiring that combination.

One of these combinations will usually be found to be applicable to your requirements. We cannot make special mixtures for our customers, for there is a law requiring that the analysis of each mixture shall be registered with the Department of Agriculture, and that each package must show the guaranteed analysis. For the same reason, we can sell only in unbroken packages, containing such quantities as we have listed.

In many cases the soil contains sufficient quantities of one or two of the fertilizing ingredients, in which case it is only necessary to add that which is lacking. West of the Cascades most of the soil is deficient in Potash, while east of the mountains most soils contain an abundance of Potash, but are deficient in Nitrogen and Phosphoric Acid.



VEGETABLE FERTILIZER

This is a general fertilizer for vegetable gardens, and contains about the right ingredients for use on all vegetables in a small garden, although when large quantities are used, it would be better to use some of the other fertilizers on some vegetables such as potatoes, celery, asparagus, etc.

It should be applied at the rate of 800 to 1,000 lbs. per acre, either broadcast or in the rows. When applied in the rows, care should be taken to mix it well with the soil, so that the seed does not come into direct contact with any great amount of the fertilizer. It may be applied at time of planting the seed, but it is better to apply it a few weeks before, if convenient.

Guaranteed analysis, Nitrogen 3%, Potash 5%, Phosphoric Acid 11%.

Price, 25 lbs., 75c; 100 lbs., \$2.25; ton, \$40.00.



HOLLY LAWN DRESSING

Made especially for use on lawns and flower gardens. It is odorless, easily applied, and is invisible after being applied. A part of it is available almost immediately, but good results will be seen for two years after it is used. It should be applied broadcast at the rate of 100 lbs. to each 1,000 or 2,000 square feet of lawn.

Guaranteed analysis, Nitrogen 5%, Potash 5%, Phosphoric Acid 8%.

Price, 25 lbs., 75c; 100 lbs., \$2.50; ton \$44.00.



POTATO FERTILIZER

Contains a large percentage of Potash and a small percentage of Nitrogen, adapting it for potatoes, mangels and other root crops. This will develop the root growth without making excessive tops. One hundred pounds of this fertilizer contains as much plant food as a ton of stable manure. It should be applied in the same manner and in the same quantities as Vegetable Fertilizer.

Guaranteed analysis, Nitrogen 3%, Potash 11%, Phosphoric Acid 6%.

Price, 25 lbs., 75c; 100 lbs., \$2.25; ton \$42.00.



FRUIT AND HOP FERTILIZER

Having large proportions of both Potash and Phosphoric Acid, this, in addition to producing greatly increased yields, will wonderfully improve the quality of fruit, making it a better color, more firm, and less liable to injury by insects. The name is somewhat misleading, as it is equally useful on some vegetables, flowers and shrubs. Apply at the rate of 500 to 800 lbs. per acre. Guaranteed analysis, Nitrogen 4%, Potash 9%, Phosphoric Acid 8%.

Price, 25 lbs., 75c; 100 lbs., \$2.40; ton \$44.00.

CHIMICAL FERTILIZERS contain only the one chemical, and are consequently not complete fertilizers. They produce wonderful results when properly used, but you should experiment and study the matter carefully before investing in large quantities. Many persons know only of Super-phosphate as a commercial fertilizer, and apply it promiscuously on any soil or crop, and, if it does not produce the desired results, condemn commercial fertilizers in general.

Most soils contain sufficient quantities of one or two of the three ingredients necessary for fertility, in which case, if by experimenting, you have ascertained what is lacking, it is only necessary to add that which is lacking. It is often advisable to use stable manure, or to plow under a green manure crop, and then apply chemical fertilizers to balance the chemicals which the manure contains in insufficient quantities.

MURIATE OF POTASH

Potash Salts are especially valuable in Western Washington and the Willamette Valley, where most of the soil is very deficient in potash. It is much used by fruit growers, especially for berries, and in addition to increasing the yield, makes a marked improvement in the quality and color of the fruit. As it makes the fruit more firm, it stands shipping better. Muriate of Potash contains chlorine, and is harmful when used for tobacco, and some claim that Sulphate of Potash is better for potatoes, although opinions differ in regard to that.

Stable manure contains only a small percentage of potash, and the efficiency is greatly increased by adding potash salts.

An average application for most purposes is about 200 lbs. per acre.

Contains 50% pure Potash. Price, \$3.50 per 100 lbs.; \$6.10 per sack of 225 lbs.; \$54.00 per ton.

SULPHATE OF POTASH

This is similar to Muriate of Potash, but is free from chlorides, and in some cases can be used to better advantage. It contains the same amount of Potash, 50%. It is applied in the same manner and quantities as Muriate of Potash.

When possible, potash should be applied several months before planting the seed, to give it time to



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. May be applied either dry or dissolved in water. Guaranteed analysis, Nitrogen 2%, Potash 4%, Phosphoric Acid 6%. Sold only in 5 lb. packages. Cannot be mailed.

Price, 25c per package.

Chemical Fertilizers

become incorporated with the soil before being required by the plants. It may be applied in the fall before seed is to be planted in the spring, and as it is slow acting, practically none of it will be lost. It will also show good results if applied at time of seeding, and any that is not used by that crop will remain in the soil for future crops.

We have, for free distribution, several good books in regard to Potash Salts, and will be glad to mail them to all persons interested in fertilizers.

\$3.75 per 100 lbs.; \$7.35 per sack, of 225 lbs.; \$65.00 per ton.

DOUBLE MANURE SALTS

A cheaper grade of Potash Salts, containing chlorides, and 20% pure Potash. In many cases it will be found to be more economical than the higher grades. It is usually applied at the rate of 200 lbs. to 500 lbs. per acre.

\$2.50 per 100 lbs.; \$5.00 per sack of 225 lbs.; \$44.00 per ton

KAINIT

This is crude Potash Salt, contains a large proportion of chlorine, and should be used on celery, asparagus and other crops where chlorides are beneficial. It is also recommended for destroying grubs and maggots in the soil. Contains 12% pure potash. The quantity used depends upon the purpose for which it is used, 200 lbs. to 2,000 lbs. per acre.

\$1.50 per 100 lbs.; \$2.50 per sack of 225 lbs.; \$22.00 per ton.

NITRATE OF SODA

Nitrate of Soda is generally used as a top-dressing, acts as a tonic, and produces wonderful results when properly used. The effect is almost immediate, lasts for a short time only, and best results are obtained by three or four light applications of about 150 lbs. per acre each, at short intervals early in the season. Care must be exercised in using it. The Crop Book contains a good article on the subject. Contains 13% Nitrogen.

\$3.00 per 100 lbs.; \$5.60 per sack of 200 lbs.; \$56.00 per ton.

SUPER-PHOSPHATE

This is what is known as Acid Phosphate, being Phosphate rock treated with acid to make the Phosphoric Acid available. While the Phosphoric Acid in this is not so valuable as that in Bone Meal, it is more quickly available, and for that reason is sometimes more useful. It contains 20% Phosphoric Acid, and is generally used at the rate of 500 lbs. to 1,000 lbs. per acre.

\$1.75 per 100 lbs.; \$3.00 per sack of 200 lbs.; \$30.00 per ton.

Animal Fertilizers

ANIMAL FERTILIZERS, being made from animal matter, add warmth and life to the soil. Most of them contain both Nitrogen and Phosphoric Acid, but do not contain Potash, so that to make them complete, it is necessary to add the correct proportion of chemical fertilizers.

It would naturally be supposed that sufficient quantities of the required chemical would have the desired result, regardless of the form in which it is applied, but that is not a fact. For instance, for certain soils, crops and conditions, Nitrogen and Phosphoric Acid in the form of Bone Meal is the most valuable, while under other conditions they would produce better results if applied in the form of Super-phosphate, Blood and Bone, Fish Guano or stable manure. To decide which to use requires study and experience.

BONE MEAL

Bone Meal is the basis of almost all mixed fertilizers, and for many purposes is the best and cheapest form of Nitrogen and Phosphoric Acid. It is slow in action, and there is no waste, as the plant food is released only as fast as it is taken up by the roots of the plants. Our Bone Meal is made from fresh bones, and has not lost any of its value. Contains 3% Nitrogen and 22% Phosphoric Acid. The quantity to use depends entirely

LILLY'S PULVERIZED

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.

LILLY'S Pulverized Sheep Manure is secured from

Prices: Package, 25c; 100-lb. bag, \$1.50; ton, \$25.00, f.o.b. Seattle.

LILLY'S LAWN LIME

A Kills Dandelion, Plantain, Sorrel, etc., 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

LAND PLASTER, OR GYPSUM

Land Plaster is not really a fertilizer, as it is not a plant food, and adds nothing to the soil, but it causes a chemical change in the soil, releasing the potash which is already there in unavailable form. An application of about 500 lbs. per acre, sown broadcast, on clover, alfalfa, peas, beans or other legumes, will add greatly to the crop.

\$1.00 per 100 lbs.; \$12.50 per ton.

upon the purpose for which it is used. Light applications are beneficial, but on permanent work, such as forming soil for lawns, rose beds, etc., it should be used in very large quantities, the more the better.

\$2.50 per 100 lbs.; \$45.00 per ton.

BLOOD and BONE

An animal fertilizer, rich in Nitrogen and Phosphoric Acid, and having additional value on account of a certain warmth and vitality which it adds to the soil. It is a quick acting fertilizer, and for that reason it is for some purposes more useful than Bone Meal, although the effect is not so lasting. It should not be applied a great length of time before seed is planted. Minimum analysis, 5% Nitrogen and 9% Phosphoric Acid. It is usually applied at the rate of 500 lbs. to 1,000 lbs. per acre.

\$2.25 per 100 lbs.; \$38.00 per ton.

FISH GUANO

Made from salmon fish scrap, contains about 8% Nitrogen and 10% Phosphoric Acid, and will produce good results on any crop where a large growth of leaves is desired. It is splendid for lawns, but the odor is rather objectionable. Usually applied at the rate of 500 lbs. to 1,000 lbs. per acre.

\$2.35 per 100 lbs.; \$44.00 per ton.

LILLY'S SHEEP MANURE

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.

Ask us for circular in regard to it.

Prices: Package, 25c; 100-lb. bag, \$1.50; ton, \$25.00, f.o.b. Seattle.

and makes grass grow luxuriantly, 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.

Prices: 2 lbs., 25c; 5 lbs., 50c; 25 lbs., \$2.00; 50 lbs., \$3.50; 100 lbs., \$6.00.



No. 25 YANKEE DOUBLE ACTING BARREL PUMP

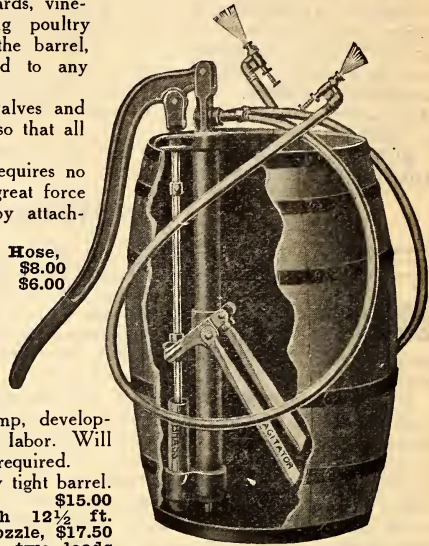


POWERFUL SPRAY PUMP for spraying orchards, vineyards, shrubbery, potatoes, and for whitewashing poultry houses, stables and fences. We do not furnish the barrel, but it may be quickly and substantially attached to any barrel.

The suction barrel is made of heavy brass, and all valves and valve seats are made of the best brass and ground together so that all parts are absolutely air tight and will not corrode or rust.

All parts are submerged in the liquid, and the pump requires no priming. A very slow movement of the handle produces a great force of continuous spray. Two leads of hose may be used by attaching a Y.

Pump, complete with Agitator, 5 ft. 1/2-inch 3-ply Hose, \$8.00
 and Demozel Nozzle, without barrel \$6.00
 Pump and Agitator, without hose or nozzle, \$6.00



AUTO-SPRAY No. 24

BARREL PUMP

A very serviceable pump, developing great power with little labor. Will operate four nozzles if required.

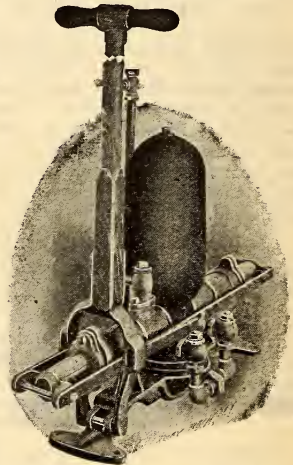
May be attached to any tight barrel.
 No. 24. Pump only, \$15.00
 No. 24-A. Pump with 12 1/2 ft. Hose and Perpetual Nozzle, \$17.50
 No. 24-B. Pump with two leads Hose and two Perpetual Nozzles, \$20.00



AUTO-SPRAY No. 7 ORCHARD SPRAYER

A double cylinder, plunger style, hand power spray pump with capacity double that of the No. 24. Suitable for large orchards. Used in connection with barrel or tank.

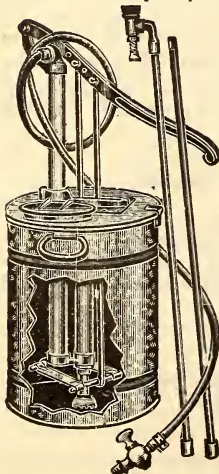
No. 7. Pump only, \$25.00
 No. 7-B. Pump with Suction Hose, two 25 ft. leads Spray Hose, Pressure Gauge and two Perpetual Nozzles, \$35.00



Auto-Spray No. 3-B Whitewash Sprayer

Especially designed for whitewashing, but equally valuable for any other kind of spraying, and is the best general purpose small sprayer on the market. The heavy galvanized steel tank holds eight gallons of solution. Made entirely of heavy brass, except handle parts, and is very powerful.

Price, complete with 8 ft. Spray Hose, Extension, Stop Cock and Perpetual Nozzle, \$12.50



Lilly's SPRAY HOSE

The best spray hose that it is possible to procure; a little more expensive than some, but by far the cheaper in the end. Also the most economical hose for lawns and gardens. Fully guaranteed.

- 1/2-inch, five ply 15c per foot
- 1/2-inch, seven ply 18c per foot
- 3/4-inch, five ply 18c per foot
- 3/4-inch, seven ply 20c per foot

Less than fifty foot lengths, 25c per pair for couplings.

The Spray Book contains more complete descriptions. Ask for a copy.

No. 29 "LIGHTNING" SPRAY PUMP

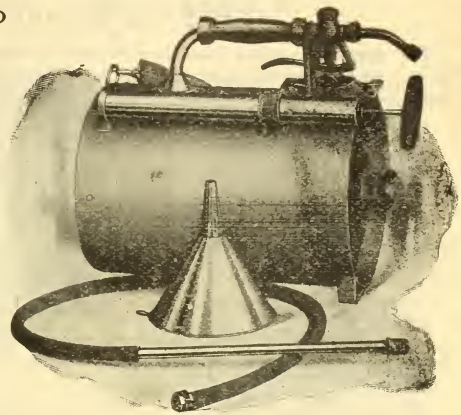
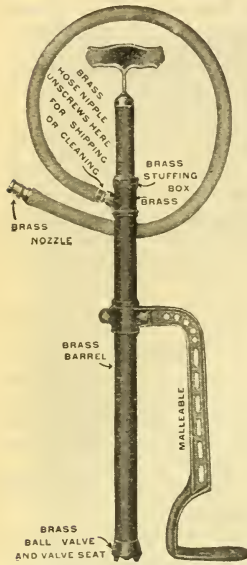
For Whitewash

Especially adapted for spraying whitewash, and also used extensively for spraying trees, shrubbery, etc., and washing wagons and windows.

It is made entirely of brass, except the handle and stirrup, which are made of malleable iron. The large air chamber enables the operator to keep a constant pressure of 50 to 100 lbs. with very little exertion. It will fit any pail or bucket. Furnished with two nozzles, producing different sizes of spray.

Price, with 3 ft. Hose and two Nozzles, \$3.00

Bordeaux Nozzle, recommended for spraying whitewash, 80c



LOWELL COMPRESSED SPRAYER

The latest and most improved compressed air sprayer. Simple in construction, easy to clean and handy to carry. Made of heavy galvanized steel, with brass fittings. Capacity of one pumping is sufficient to discharge entire contents.

Price, complete with Shoulder Strap, Short Nozzle, Hose, Extension and Strainer Funnel, \$5.00

AUTO-SPRAY No. 1

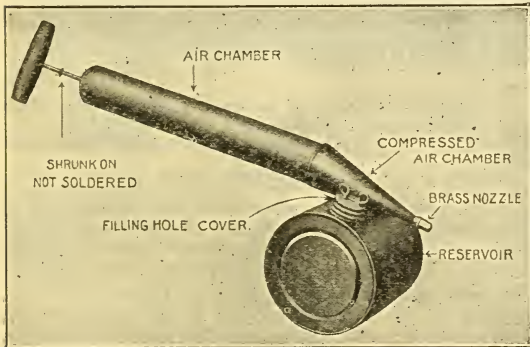
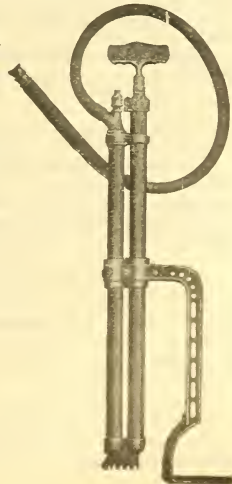
A thoroughly practical compressed air sprayer, for use in greenhouse, garden, or small orchard. Holds three gallons of solution.

- No. 1-A. Brass, with Stop Cock.....\$7.50
- No. 1-B. Brass, with Auto-Pop..... 8.50
- No. 1-C. Galvanized, with Stop Cock... 5.00
- No. 1-D. Galvanized, with Auto Pop... 6.00

Little Giant Bucket Pump

Made of brass, 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.

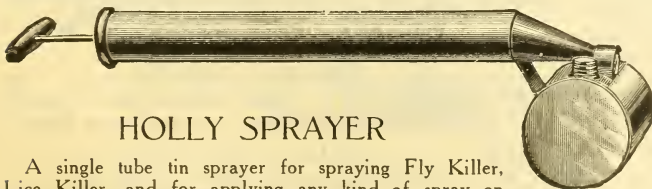
Price, \$2.75



U.T.K. COMPRESSED AIR SPRAYER

Adjustable to throw either a fine mist or coarse spray. The spray is continuous, not affected by strokes of the plunger. The reservoir holds one quart. Made of galvanized iron, nicely painted.

Price, 75c



HOLLY SPRAYER

A single tube tin sprayer for spraying Fly Killer, Lice Killer, and for applying any kind of spray on small fruits, shrubbery, gardens, etc.

Price, 40c

LILLY'S 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, etc.

Prices: Qt., 30c; Gal., 50c; 5

Blister Mite, Green Aphis, Bud Moth, Peach Worm, Twig Borer, Woolly Aphis, Leaf Curl, Mildew, Scab, Moss' and Lichens.

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., 50c; 6 lbs., \$2.10; 12 lbs., \$3.60; 25 lbs., \$6.75; 50 lbs., \$13.00; 100 lbs., \$24.00.

"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., 25c; 2 lbs., 50c; 12½ lbs., \$2.30; 25 lbs., \$4.60; 50 lbs., \$9.25; 100 lbs., \$17.50.

LILLY'S WEED KILLER (Sulphate of Iron, especially prepared).

Kills mustard in oat fields without injuring the oats; destroys Canada thistles, and eradicates dandelions

and plantain in lawns.

Sold in 100-lb. bags only. \$3.00 per 100 lbs.

LILLY'S TREE SPRAY.

A non-poisonous and efficient spray for Black Scale, Red Scale, San Jose Scale, Codling Moth, Woolly Aphis, Red Spider and all other insects and fungus growth.

Quart, 25c; Gallon, 50c; 5 Gallons, \$1.50.

FORMALDEHYDE TREE SOAP.

A soap compound for destroying Green Aphis, Woolly 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 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.

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.

QUASSIA CHIPS.

For destruction of plant lice on cabbage, cauliflower, fruit trees, etc.

1 lb., 10c; 10 lbs., 70c.

FORMALIN (Formaldehyde).

For Smut in wheat and oats, and for Potato Scab, per instructions contained in the Crop Book.

Pint, 50c; 5 Pints, \$2.50; 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. '009 'suro 'qt-1

WHALE OIL SOAP.

An excellent summer wash for Aphis, etc.

1 lb., 10c; 25 lbs., \$2.00; 100 lbs., \$6.50.

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.

HAMMOND'S GRAPE DUST.

A dust fungicide, very efficient in destroying Mildew and preventing Blight.

BLACK LEAF 40.

A highly concentrated tobacco extract, guaranteed to contain 40% Nicotine. The best spray for Aphis and other soft-bodied insects.

½-lb. can; makes 47 gallons .05% Nicotine, 85c.

2½-lb. can; makes 240 gallons .05% Nicotine, \$3.25.

10½-lb. can; makes 1000 gallons .05% Nicotine, \$12.50.

NICO-FUME TOBACCO PAPER.

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.

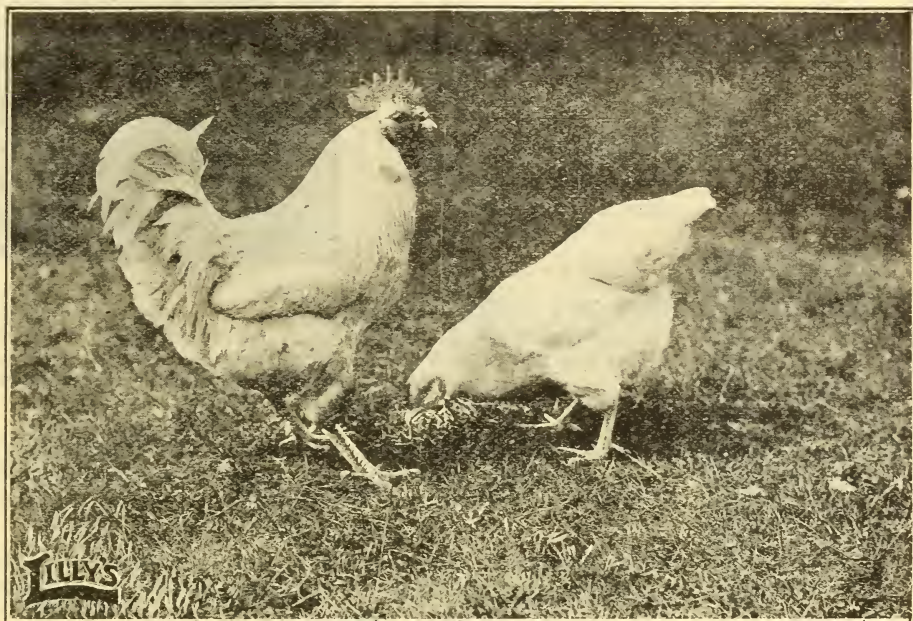
A 40% Nicotine Solution for spraying or vaporizing. One to two teaspoonfuls of solution makes a gallon of spray. Cannot be mailed.

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.

LILLY'S POULTRY SUPPLIES



LILLY'S Complete Poultry Supply Catalog



IF YOU ARE INTERESTED IN POULTRY, you should by all means have a copy of **LILLY'S** Poultry Book. We will mail it to you free, if you wish it. It is a complete treatise on hatching chicks, producing eggs, broilers and roasters, and all matters pertaining to poultry. It is equally as interesting to the experienced poultryman as to the man or woman who is just commencing in the business. It is replete with illustrations, and although it contains descriptions and prices of the most complete and reliable line of poultry supplies to be found in the West, the advertisements occupy but a small portion of the book, and are gotten up in such a manner that they are interesting and instructive.

Our patrons have come to look upon us as a reliable source of information, and to encourage this confidence, we have secured the services of a practical poultry expert whose duty it is to reply to all questions, whether trivial or important, concerning poultry. This service is free, and we will be pleased

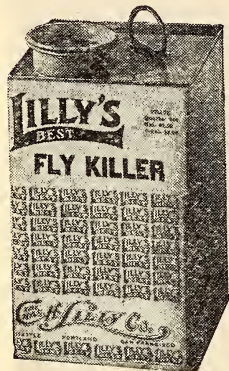
if you will make use of it at every opportunity.

At any time that you have any trouble, doubts, or wish advice on any matter pertaining to poultry, write to our Mr. Ralph B. Randall, Poultry Supply Department, The Chas. H. Lilly Co., Seattle.



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

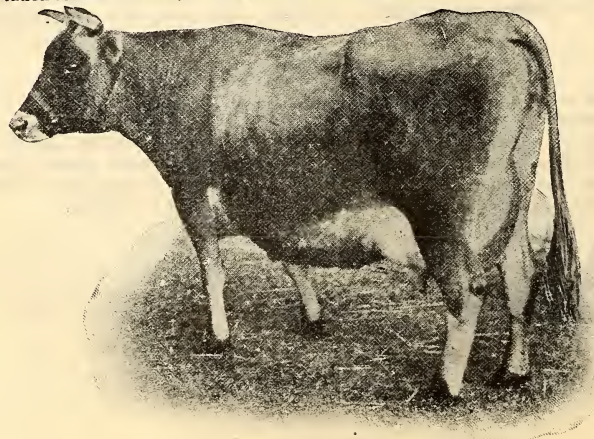
Gall Cure. This is a guaranteed remedy for galled shoulders and backs on horses. Package, 25c. Postage, 10c.

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 scab, it will give a dipping solution 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



LILLY'S BEST

COW

CONDITIONER Keeps 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.



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. Lb., 10c; 10 lbs., 8c per lb.; 50 lbs., 7½c; 100 lbs., 7c.



Beware WHERE YOU BUY YOUR 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.

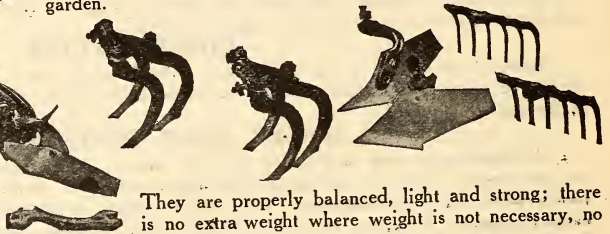
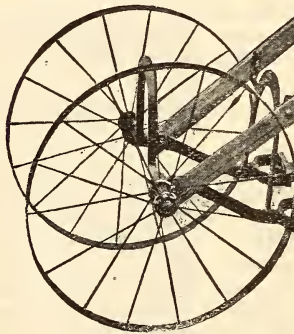
BIRD GRAVEL. Pure granite rock ground to the proper size for birds. Price 10c; postage, 20c.
CANARY, HEMP, MILLET, RAPE, POPPY and SUNFLOWER SEED. 10c per lb.
CUTTLE BONE. 25c per lb.; postage 15c per lb.

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.



They are properly balanced, light and strong; there is no extra weight where weight is not necessary, no weak points, and the materials are of the best.

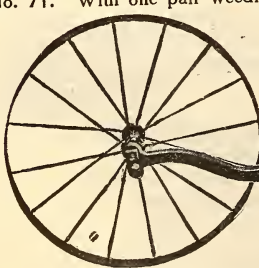
One of the important features of the Excelsior, the value of which will immediately impress itself upon the grower of any crop which requires hand weeding, is the simple manner in which the hoes can be tilted or adjusted to meet the most exacting demands of the operator.

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

EXCELSIOR Single Wheel Cultivator



No. 51.	With one pair hoes.....	\$4.00
No. 54.	With one pair hoes and one gang cultivator teeth.....	4.70
No. 55.	With one pair hoes, one gang cultivator teeth and one plow.....	5.40
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
BEST DRILL
On The
Market**

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, 48 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 or other attachments except hoes. 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



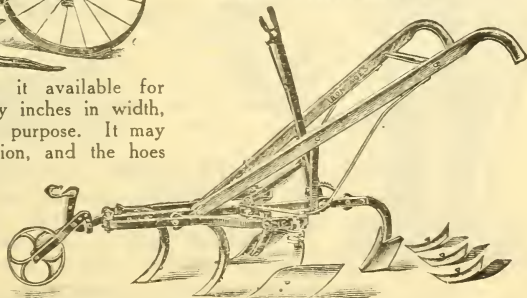
- No. 15. IRON AGE Combined Single Wheel Hoe, Hill and Drill Seeder. Complete as illustrated, with 2 hoes, 3 teeth, 1 plow and 2 rakes. Weight, 49 lbs..... 12.00
- No. 16. Hill and Drill Seeder only. Same as No. 15, without hoes, teeth, plow or rakes. Weight, 38 lbs..... 11.00
- No. 20 With 2 hoes, 3 teeth, 1 plow and 2 rakes. Same as No. 17 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



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.

Iron Age Horse Hoe and Cultivator



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.

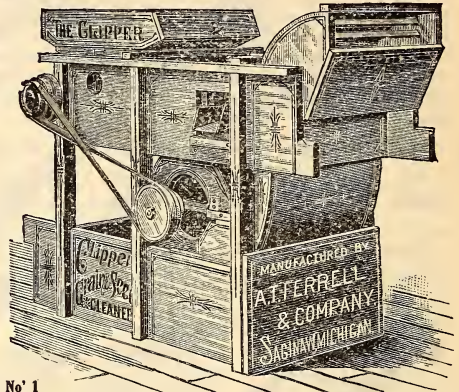
Shipping weight, 150 lbs.

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.

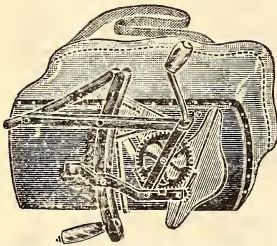
THE best little machine on the market for the price. Light, strong, easy running. Does the work easily, and much better than can be done by hand. Weight only 3½ lbs.

No. 3. Price, \$1.90.

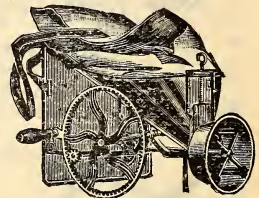
CAHOON BROADCAST SEEDER.

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.

Price, \$3.50.



Improved Little Giant, No. 3



CAHOON

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.

No. 1050. \$1.00.

ACME CORN PLANTER.

S TRONGLY 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.

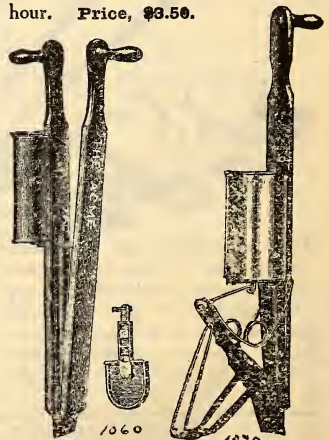
GORDON CORN PLANTER.

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.



1050



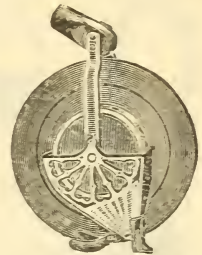
1060

1070

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.



No. 1038.

LITTLE GIANT MOLE TRAP.

THE 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.

OUT O' SIGHT GOPHER TRAP.

A box and spring arrangement. Catches them every time. Weight, 11 ounces.

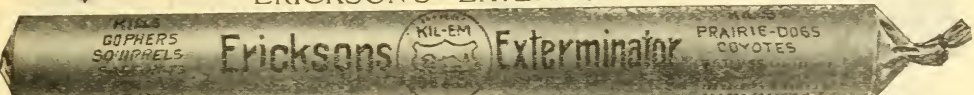
Price, 25c.

OUT O' SIGHT MOLE TRAP.

Neat and effective. No mole can pass under it and live. 2 lbs.

Price, 75c.

ERICKSON'S EXTERMINATOR



A CARTRIDGE CHARGED WITH DEATH—Positively the most effective method known for exterminating burrowing pests. Better than poison, for it is absolutely safe and acts ONLY on pests that burrow. Tests made by the Department of Agriculture result in unqualified satisfaction. Simple, safe, effective. Send for booklet. Cannot be mailed. Price, 5c each, \$5.00 per 100.

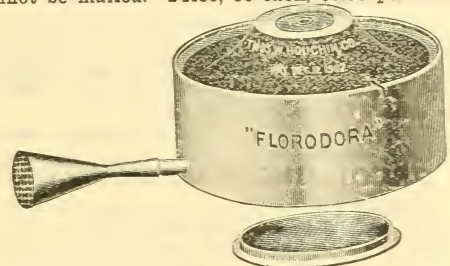
GOPHERGO.

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.

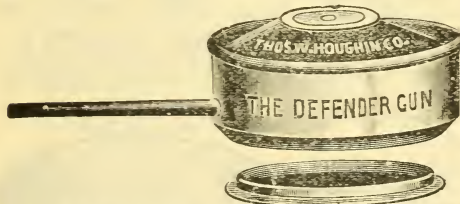
ASK FOR OUR CIRCULAR.



FLORODORA INSECT POWDER GUN.

EXTRA Large; holds ½ lb. of powder. Can be used with one hand. Especially adapted for spraying plants, shrubby and animals of all kinds.

Price, 35c; postage 5c.



DEFENDER INSECT POWDER GUN.

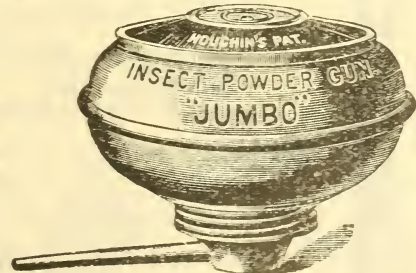
Small. Gold lacquered tin. Large opening for powder. Price, 10c. Postage, 2c.



INSECT POWDER BELLOW'S.

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.

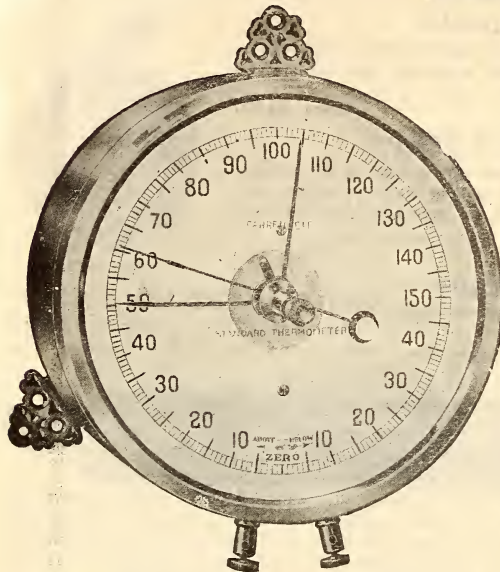


JUMBO INSECT POWDER GUN.

Large. Holds ¼ lb. of powder.

Price, 25c; postage 5c.

We make a specialty of Sprayers and Spray Materials. Ask for our Spray Book.



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. Indispensable in greenhouses, orchards or dry kilns. Diameter 6 inches. Does not include electric bell.

Style No. 1, \$6.00.

RECORDING THERMOMETER

Registers from 20 degrees below to 120 degrees above zero, 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.

HOT-BED THERMOMETER

To be inserted in the earth in hot-bed or mushroom bed. Encased in wood, with brass point.

No. 1068. Price 90c. Postage 10c.

Self Registering Greenhouse Thermometer

Registers both the coldest and warmest temperature during any given time. May be used as a check on the night-watchman, or to keep tab on the weather during the night.

No. 1067. Price \$2.00. Postage 10c.

For Incubator and Brooder Thermometers see **LILLY'S POULTRY SUPPLY CATALOG.**



POT LABELS

	Weight			
Wood, painted.	per 100	100	1000	
4 in.	5 oz.	\$.10	\$.85	
5 in.	6 oz.	.15	1.00	
6 in.	8 oz.	.20	1.25	
10 in.	16 oz.	.65	3.25	

GARDEN STAKES

12x1 1/8 inches. Painted.....	100	1000	
	.80		\$7.50

TREE LABELS

	Weight			
Wood, painted.	per 100	100	1000	
3 1/2 in. Notched	6 oz.	\$.15	\$.80	
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.

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	\$5.00	\$.60	\$.10	\$.02
2 1/2 inch	7.50	.70	.15	.02
3 inch	10.00	1.20	.20	.03
3 1/2 inch	12.50	1.50	.25	.04
4 inch	15.00	1.75	.30	.05
5 inch	22.50	2.75	.45	.06
6 inch	30.00	3.50	.60	.08
7 inch	50.00	6.00	1.00	.12
8 inch	75.00	8.00	1.30	.15
9 inch		13.50	1.75	.20
10 inch		20.00	3.00	.30
12 inch		30.00	4.00	.40

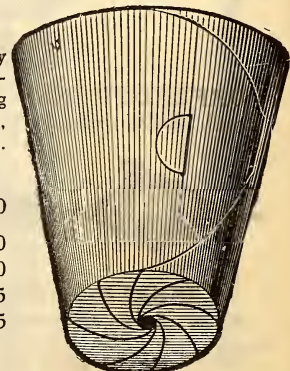
FERN PANS AND 3/4-POTS

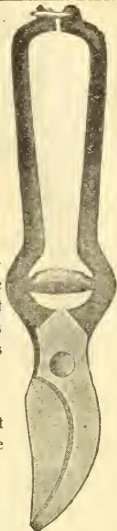
Sizes 4 to 12 inches. Prices same as for Flower Pots.

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 in....	\$3.00	\$.40
2 1/2 in....	3.50	.50
3 in....	5.50	.75
4 in....	10.00	1.25





LILLY'S PRUNING SHEARS



THESE SHEARS are made for actual service, and will be appreciated by the professional nurseryman and orchardist. They are made of the best material, are strong, durable, and are the easiest cutting pruning shears made. Each shear is carefully tested, and is fully guaranteed. They are fitted with adjustable nut and brass spring. All blades, springs and bolts are interchangeable.

NO. 2 PRUNING SHEAR

The best pruning shear made. Both blades and frames are made of the best quality of steel, polished. If broken within six months, with ordinary usage, we will replace them. Length $8\frac{3}{4}$ inches. Price \$2.50. Postage 15c.

NO. 3 PRUNING SHEAR

The pattern is the same as the No. 2, and they have polished steel blades, but the frames are black, and the material and workmanship are not quite so good. Length $8\frac{3}{4}$ inches. Price \$1.50. Postage 15c additional.

TREE PRUNER

Forged from a very high grade of tool steel, finely tempered by expert workmen. They have lock nuts which cannot work loose. Handles 22 inches long; shears 28 inches over all. Warranted.

Price \$2.50.

No. 4. PRUNING SHEAR.

This, although a cheaper pruner, is good for ordinary light work. It may also be used for orchard work, but is built on a lighter design than our No. 2 and No. 3. Length $8\frac{1}{4}$ inches. Black filled handles; polished blades. Price 80c. Postage 10c.

MASTICA

For glazing greenhouses, etc. Better than putty, and much easier to apply. One gallon is sufficient for 290 lineal feet. In one gallon cans only. \$1.60 per gallon.

MASAICA MACHINE

For applying Mastica. Weight 20 ounces. \$1.40.

PEERLESS GLAZING POINTS

For greenhouse and hot-bed sash. Only two required for each pane of glass, and so constructed that glass cannot slide. 1,000 to a pound.

Price 75c per 1,000. Postage 16c per 1,000.

SCOLLAY

PUTTY BULB

For applying putty or Mastica greenhouse sash, etc. Very successful. Full directions enclosed.

Price \$1.00. Postage 10c.

SCOLLAY

PLANT SPRINKLER

For sprinkling house plants. Convenient for sprinkling under side of leaves.

Price \$1.00. Postage 10c.



FLOWER AND FRUIT PICKING 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 $6\frac{3}{4}$ inches. Made of high grade steel, finely tempered and ground sharp. Japanned handles.

Price 75c. Postage 10c.

WATER'S TREE PRUNERS

A pruning shear mounted on long pole. Indispensable for pruning tops of trees.

PRICES

With 8 ft. pole, \$1.00
With 10 ft. pole, \$1.10
With 12 ft. pole, \$1.25

Write for a copy of
The Spray Book
It is free.





BOOKS

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.

	Price.	Postage.
POULTRY.		
SUCCESSFUL POULTRY KEEPING. Practical, reliable information on the subject of poultry for profit. 176 pages, 9x12. Illustrated.....	1.00	Paid
POULTRY HOUSES AND FIXTURES. Contains plans and details of practical poultry houses and appliances. 100 pages, 9x12. Illustrated.....	.50	Paid
ARTIFICIAL INCUBATING AND BROODING. The most down-to-date practical work on this important subject. 92 pages, 9x12. Illustrated.....	.50	Paid
THE CHICK BOOK. A book of thorough and reliable instruction on rearing chicks. 84 pages, 9x12. Illustrated.....	.50	Paid
EGGS AND EGG FARMS. Gives correct method of doing every detail of the work to secure greatest profit. 100 pages, 9x12.....	.50	Paid
THE PLYMOUTH ROCKS, Barred, White, Buff and Silver Penciled. Full instructions for producing exhibition specimens. 160 pages, 9x12.....	1.00	Paid
THE LEGHORNS. An illustrated Leghorn Standard with treatise on judging, breeding, mating, exhibiting, etc. 78 pages, 9x12. Illustrated.....	1.00	Paid
ASIATICS. Best information on mating, breeding, selecting, exhibiting and judging Bramas, Cochins and Langshans. 100 pages, 6x9. Illustrated.....	.50	Paid
THE WYANDOTTES. The greatest amount of reliable information compiled to date in regard to Wyandottes. 144 pages, 9x12. Illustrated.....	1.00	Paid
DUCKS AND GEESE. A practical manual giving full and authentic information on breeding and raising. 80 pages, 9x12. Illustrated.....	.75	Paid
TURKEYS. How to raise them profitably. It is one of the most profitable branches of poultry industry. 96 pages, 9x12. Illustrated.....	.75	Paid
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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 in. 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. 6,228	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.	Rye Grass, Oat Grass, Fescue Grasses	No. Plants
Alfalfa	Orchard Grass	30 lbs.
Alyske	Hemp	40 to 60 lbs.
Artichoke, 1 oz., to 500 plants	Horse Radish Roots	40 to 50 lbs.
Asparagus, 1 oz. to 500 plants	Kale, 1 oz. to 150 feet of drill	15000 to 20000
Barley	Kale, Thousand Headed	1 lb.
Beans, Dwarf, 1 lb. to 100 feet of drill	Kohlrabi, 1 oz. to 150 feet of drill	1 lb.
Beans, Tall, 1 lb. to 150 hills	Kaffir Corn	2 lbs.
Beet, Garden, 1 oz. to 50 feet of drill	Leek, 1 oz. to 100 feet of drill	6 to 8 lbs.
Beet, Sugar, 1 oz. to 50 feet of drill	Lettuce, 1 oz. to 150 feet of drill	4 lbs.
Beet, Mangel Wurzel, 1 oz. to 50 feet of drill	Melon, Musk, 1 oz. to 60 hills	3 lbs.
Broccoli, 1 oz. to 2000 plants	Melon, Water, 1 oz. to 30 hills	2 to 4 lbs.
Brussels Sprouts, 1 oz. to 2000 plants	Millet	30 lbs.
Broom Corn	Nasturtium, 1 oz. to 50 feet of drill	15 lbs.
Buckwheat	Oats	75 lbs.
Cabbage, 1 oz. to 1500 plants	Okra, 1 oz. to 100 feet of drill	8 lbs.
Carrot, 1 oz. to 125 feet of drill	Onion, 1 oz. to 100 feet of drill	8 lbs.
Cauliflower, 1 oz. to 2000 plants	Onion, for sets	30 to 80 lbs.
Celery, 1 oz. to 5000 plants	Onion Sets, 1 lb. to 75 feet of drill	400 lbs.
Cheat	Parsley, 1 oz. to 300 feet of drill	3 lbs.
Chicory, 1 oz. to 100 feet of drill	Parsnip, 1 oz. to 200 feet of drill	6 lbs.
Clover, White and Alyske	Peas, Garden, 1 lb. to 50 feet of drill	200 lbs.
Clover, White, for Lawns	Peas, Field	150 lbs.
Clover, Red, Mammoth and Crimson	Pepper, 1 oz. to 100 plants	400 lbs.
Collards, 1 oz. to 2000 plants	Potatoes	3 to 4 lbs.
Corn, Sweet, 1 lb. to 200 hills	Pumpkin, 1 oz. to 30 hills	10 lbs.
Corn, Field	Radish, 1 oz. to 100 feet of drill	5 to 10 lbs.
Corn, Fodder	Rape, Dwarf Essex	2 lbs.
Corn, Pop	Rutabaga, 1 oz. to 150 feet of drill	90 to 120 lbs.
Corn, Wheat	Rye	8 lbs.
Cress, 1 lb. to 100 feet of drill	Salsify, 1 oz. to 50 feet of drill	100 lbs.
Cucumber, 1 oz. to 60 hills	Speltz	8 lbs.
Egg Plant, 1 oz. to 2000 plants	Spinach, 1 oz. to 100 feet of drill	15 lbs.
Endive, 1 oz. to 100 feet of drill	Spurry	3 lbs.
Flax, for seed 30 lbs. to acre. For fiber	Squash, Summer, 1 oz. to 25 hills	4 lbs.
Grass, Lawn, 1 lb. to 300 square ft.	Squash, Winter, 1 oz. to 12 hills	10 lbs.
Grass, Kentucky Blue, Canadian Blue	Sugar Cane	8 lbs.
Timothy	Sunflower	3 oz.
Red Top, in chaff 60 lbs. Solid	Tobacco, 1 oz. to 10000 plants	4 oz.
	Tomato, 1 oz. to 2000 plants	2 lbs.
	Turnip, 1 oz. to 150 feet of drill	60 to 90 lbs.
	Vetches, Spring	30 to 60 lbs.
	Vetches, Winter	90 to 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.

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