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# BANWINE RHUBARB 

The Money Maker for the Small Grower
Three Times the Value of Any Other Crop


## Rhubarb Demonstration Plant, Long Beach, Calif.

Where our justly famous Banwine Rhubarb is grown to test out new varieties and instruct growers in proper culture.
This field was transplanted just 60 days before this picture was made. This plant made a growth of 4 feet across the plant as seen by the lath shown on the plant in front of the picture.

First cutting of half-pound stalks just beginning.

## Seed Potatoes

We are the largest growers of pure seed potatoes in Washington. We are specializing on three varieties on the ground that growers lose money by raising so many different varieties that a district cannot ship its crops to the last, in car lots.

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"One Exclusive Variety, and that the Best
Variety for each district," is our motto.
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Two of our varieties are controlled by ourselves. The other variety-a valuable one, is grown beyond our control, but we are the only people keeping this variety pure. This latter variety we class No. 1 and No. 2.

No. 1 for new districts. No. 2 for our growing California winter planting trade, where seed must be bought new every year.

These varieties are of the best for marketing, very productive and excellent table quality.

## Price-- Fancy Selected



Your choice of either Russet Burbank, Wesco Burbank, or Improved Netted Gem. Special price in car lots quoted on application. Get a new start and improve your crop.

Subject to prior sale. Money will be returned if out of stock.

## An Exchange of Potato Seed

upon the following plan will be adopted and will be carriedout as follows:
The first years' seed may be planted again the second year, using a larger size potato for the second planting than was used in the original seed, all the small size being carried to another district. No exchange of seed from one locality to another in the same district will be accepted for the reason that not enough extra vitality is gained by this exchange to make it pay, over the bringing in of new seed from a distance, where both climate and altitude are changed.

All seed grown in fields where there are volunteers will be classed and sold as No. 2 seed. All seed grown in ground absolutely clear of other varieties and separated from other fields so they will not pollenize with other varieties will be classed as pedigreed seed.

These simple rules, if followed closely, will evidence to you that it will pay well to follow in comparison with raising potatoes by the old plan of cultivation.

Letters requesting information will be carefully answered if addressed to
H. W. WHITACRE, 417 Maritime Building, Seattle, Wash.

GERMAIN SEED \& PLANT CO.
Los Angeles, Calif.
Distributors for the district south of San Francisco, Calif.
Ask for my Catalog of True to Variety Seeds, Rcots and Bulbs.

## CATALOGUE

## Whitacre's Seeds and Roots

 417 Maritime Bldg., Seattle, Wash. Grower and Disributer
## $\begin{array}{llllllll}\mathbf{F} & \mathbf{O} & \mathbf{R} & \mathbf{E} & \mathbf{W} & \mathbf{O} & \mathbf{R} & \mathbf{D}\end{array}$

## Dear Customers and Readers:

Four years ago I became convinced that there was a need and demand for homegrown acclimated seeds, and feeling that my experience as a grower of high-grade produce would assist me in the growing and breeding up of better selections of seed, I began this line of work and now issue my first catalog. Since my rapidly increasing trade has justified this expectation and in presenting you with this annual catalog I desire to call your attention to the following statement:

## WASHINGTON AND OREGON GROWN SEEDS.

Will, on account of their acclimation, give the best results and while I do not contend that all lines of seeds can be grown successfully here, however, there are many that reach perfection in this climate. This is especially noticeable in corn, beans, peas, cabbage, pumpkins, squash, onions and practically all of the root crops. The increase in production from greater vitality and adaptiveness will materially increase your returns, as thcse who have made comparative trials have readily testified. Then again from a civic point of view, my demonstration of the possibilities of seed culture for the Pacific Northwest and the wonderful commercial opening that may be developed by careful and thoughtful farmers, should commend me, all other things being equal, for at least a trial order.

## PRACTICAL EXPERIENCE

And the many tests I have made for years have given me a thorough knowledge of the varieties best suited for our climate, and aside from those varieties which I grow, have enabled me to secure my seed from the best soarces. In that respect I differ from the average seed store where the experience used is more from a selling standpoint.

## MY CATALOGUE

Has been prepared with the desire to have it sensible and free from exaggeration. The cuts used are practically all made from photographs taken from samples grown by myself and are reasonable illustrations of the results attained from my seeds. I am opposed to filling my catalogue with a long list of worthless novelties and am confining
my list to the fewest possible of the best varieties, and introducing only those new sorts which have some added value over older introductions. Those who receive more than one copy of my catalogue will confer a favor by handing it to some one interested.

## MY GUARANTEE.

I guarantee my seed to be true to name and will be responsible to the amount of the purchase price of the article. Germination is so dependent upon weather conditions, the time and manner of planting, which are beyond our control, that I do not guarantee this, other than in a fair and proper test, and under such will be resposible for the purchase price only. Under no conditions do I obligate myself for the failure of a crop other than has been set forth above.

## CHEAP SEEDS.

I receive many letters asking for the lowest possible prices on a list of seeds. This desire upon the part of so many farmers for price cutting is largely responsible for the immense amount of worthless, cheap seed that is being sold throughout the country and when the average farmer realizes that quality is the first and main consideration in seed buying, his demand will force the production of better seed all along the line.

This is not a cheap seed firm and my aim is not and never will be to sell the cheapest seed. Good seed means careful selection and years of work in breeding up. This cannot be done without added expense. If you would produce the best you must plant from thoroughbred stock and after all the difference between the cost of good and cheap seed does not begin to compare with the difference in crops.

## ABOUT ORDERING.

ORDER EARLY, as there is a heavy demand on some stock and it may be exhausted. REMITTANCE MUST ACCOMPANY ORDER by money order, express order or bank draft. Stamps will be accepted to the amount of $\$ 1.00$, but above this I would prefer money orders, etc. Prices in this catalog by EXPRESS or FREIGHT do not cover shipping expenses. E or $F$ indicates express or freight.

All prices up to and including one pound include shipping expenses, and for more only when indicated.

BE SURE TO GIVE SHIPPING INSTRUCTIONS AND WRITE YOUR NAME AND ADDRESS PLAINLY ON YOUR ORDER SHEET.

## MISTAKES.

Unfortunately, like all other human beings, I am apt to make mistakes and if an error does occur I will consider it a favor to be notified at once so that I can rectify the oversight. I do not substitute unless so instructed.

## MARKET GARDENERS

Who wish to purchase seed in quantity are entitled to reduced prices and I will be pleased to give them quotations upon their list.

Seeds, plants and bulbs are not governed by the rate on commercial goods, the rate being 8 c per pound, or 1 c for each two ounces or fraction. Where convenient, shipments for short hauls can be made cheaper by express, as the minimum is 35 c .

## APPRECIATION.

I extend to all my customers thanks for their patronage and wish to express my appreciation to those who have so kindly mentioned this firm to their friends. My aim is to give every one a square deal and I hope those who have not yet purchased of mo will at least favor me with a trial order.

## R H U B A R B

## IN COMMERCIAL QUANTITIES

"Come, let us reason together," said the wisest man centuries ago. To start the argument, Mr. Farmer, just one question please: Had you rather grow crops that every other man on the globe is raising at a low price, which just keeps you alive, or had you rather grow some crop that but few others raise and grow that crop on a contract at a specified price?
"Huh," you exclaim. "Fool question No. 1. Tell me what that crop is and I will raise it." But will you?


RHUBARB-that's the answer. You say "Huh" again and this time it is a big "HUH," just like this. To the fellow that only grunts this booklet will not be interesting, for to me he is not worth much. I want to get in touch with the grower that is looking for new things to grow which pay. And I am proving that it pays to raise this plant. The proof of the pudding is in the chewing of the sack in which it is cooked, and I have been chewing it for three years, not by just contracting with others to grow it for me, but by raising and selling the roots to interested growers for that many years. Oh yes, it is a profitable crop, however. What do you care if it sells to others or not? I am the one to worry about that. I buy the roots and pay you for them. Here is what I will do: I will pay you a price for all the buds or divisions you will raise from my variety, that will net you, if you follow directions, $\$ 250.00$ per acre or better for these buds alone, and the stalks will pay for the cultivation and cost of marketing, if roots are to be the main crop, while the stalks pay big when car lot shipments are made.

It is easy work, too, as compared with the raising of potatoes or other field crors. This wonderful plant we present here is rapidly supplanting every other variety of Rhubarb raised on the West Coast and is now being grown extensively in Washington, Oregon and California, also in Alaska, with orders coming from all over the United States.

When I began to market the rcots of this plant three years ago I myself did not realize its value, in fact, did not realize it until orders began to come in unsolicited from all directions. I then began to look into my own business and found that there was no other plant on the Pacific coast that would equal it. I then began to increase my acreage contracts, but I began too late to keep up with my orders. Now I am holding back one-half the roots to be sold under contract to growers. Even at that I cannot keep up with the demand.

## A Great Opportunity is Here Presented You, Mr, Grower!

It is only the bright, wide awake grower that will take advantage of this opportunity. Some farmers get ahead faster than others. The slower ones call it luck. The getahead fellow knows that it is because he uses the best of God's tools-Brains. Some growers tell me that "there is no money in rhubarb, that a sack of the stuff would glut the market." It might glut the market that he knows, but I know a market that uses ten cars a week, of the right varieties. Yes, "Right Varieties" is correct. Some rhubarb will not sell much better than the common dock from which it originated. I saw apples grafted on an oak, but they would not sell and were valuable only as a curiosity. But the Banwine Rhubarb is in demand in car lots and until I can get enough plated so we can load in car lots we will not be doing our best. I have about 24 acres out at this date-in bearing in 1915-and want 75 acres as soon as I can get them and will contract for five years with growers to this number of acres. Another year should see this accomplished. Then I will have all the work selling it that I want. Don't fail to get a front seat. Don't let people, ignorant of the possibilities of this crop, discourage you. One man was nearly persuaded to set out a couple of acres. When asked why he did not do so, he said, "A man I have lots of confidence in told me he had never known of a car lot shipment." After persistent questioning I found his adviser was a country lawyer who had been raised in Chicago.

## I Will Tell You of a Man Who Ships Over Ten Cars of His Own Raising Each Year

who has grown wealthy in the business. So can you, if you use your own brains instead of those of some one who may never have had the opportunity to know any more about it than you do.

What can be made, if enough is grown to make it worth while to work with it, can be seen by a little arithmetic, using the lowest tonnage and the lowest price we sold for last year:

[^0]It is the man that tries to get winter or early spring prices- 7 c to 10 c -in the summer, for a wheelbarrow load, and with perhaps a poor variety, who says there is no money in the Rhubarb business. Enough, perhaps more than enough, said. Get busy and place your orders for the fall or spring planting. First come, first served. If you can't set out an acre, get enough for a start and increase your acreage from your own buds. Let us start you out at once.

## Berry Growers, Add this Valuable Crop to Your Field and Watch the Easy Money Come In!

listen to the testimonials. Space permits but few:

"I have used all my roots so far in increasing my own acreage."
"I sell my Rhubarb to a market lady who is getting a regular trade from customers who come back again and again for it."-H. M. Myers, Tukwila, Wash.
"I have an acre and one-half of ground that cost me $\$ 150.00$, planted in Banwine Rhubarb. I will begin to ship the roots this fall and will have enough to more than pay for my whole three and one-half acre tract, and enough plants to add one-half acre to my field. The start cost me about $\$ 75.00$ and two years' use of the ground. The stalks paid for the cultivation."-B. A. Newcomb, 808 Eighth Ave., Seattle, Wash.
"I took $\$ 225.00$ from one-fourth acre last season."-Wm. Funk, Burnett, California.
LADIES, this plant can be raised in your garden and make you a bushel of pin money.
EOYS, no education is as good as real experience. Get your father to let you have a corner of the field and set out a patch of our delicious Banwine Rhubarb and raise enough to buy yourself a horse and buggy in a short time.

## PROPOGATION

Regarding the BANWINE RHUBARB: This plant is an extremely fine variety of 1 hubarb, originated by an expert Jap gardener. As this gardener literally disappeared from the face of the earth we are unable to get its exact pedigree, but in this case a pedigree is unnecessary for the plant speaks for itself. It is of th Giant varieties, a very quick growth, heavy stalk, scarcely any fiber or peeling, in fact, is so brittle that it is difficult to gather for market without breaking the stalk and frequently it breaks from its own weight if allcwed to grow too large.

This plant, I believe, excels the Burbank Giant Winter, which was said to be the finest plant in the United States until the Banwine was put on the market. After three years' test we are positively able to state that the plant will bear out this reputation.

I am having printed in this Catalog a cut showing a bunch prepared for market from the fourth pulling, 1913, which barb was 2 feet long, each stalk averaging 17 ounces in weight. Its great size, together with its exceedingly delicious flavor, is causing a premium to be placed upon it in the markets, and we are very anxious to get enough contracts so that we can place this plant in carlcad lots to eager Eastern buyers. Early in the season of 1913 we placed contracts as large as possible and we have now about 25 acres contracted and hope to increase this acreage to 75 acres during this coming season, which we believe will supply our trade for some time to come. Therefore, it will be necessary, if you are desirous of securing some of this valuable plant, to immediately place your order.

I furnish this rhubarb to you at a price of $\$ 5.50$ per 100 buds, F. O. B. shipping point. You can easily figure what a profit there is in this when you consider that this plant will increase from 10 to 25 buds the first year, thereby making a profit of $\$ 15$ to $\$ 35$ the first year, for every 100 rhubarb roots shipped you.

These plants should be set out in the fall unless you have water sufficient for irrigation, when they may be set out'any time during the year.

I have a small stock on hand reserved for shipment of quick orders. First come first served, and all money will be returned if the crler cannot be filled. Or you may make a small payment sufficient to cover freight and return, and pay the balance to your nearest bank after having inspected the plants.

## PRICE:

$\$ 1.00$ per 12 buds, prepaid by parcel post.<br>$\$ 3.00$ per 50 buds, F. O. B. Seattle.<br>$\$ 5.50$ per 100 buds, F. O. B. Seattle.

Full instructions for growing with each shipment, which if followed will insure success. We guarantee these roots true to variety and will make good all shortage in count and for weak roots if claim is made within 48 hours after receipt of plants.

## SPECIAL BARGAIN:

6 Banwine Rhubarb Buds ..... \$0.90
3 Phenomenal Berry Sets .....  60
2 Australian Giant Blackberry ..... 1.00
3 Prince Blackcap Raspberry ..... 75By parcel post, prepaid for$\$ 2.00$

Order to be made within 30 days and shipped as soon as the season is right to set out the plants. C. O. D., by express, or by mail, if prepaid. We will add two beautiful Dahlias to all orders when cash accompanies the order, or will add two purple lilacs, if preferred.

Dahlias are becoming more popular every year, the reason for which is not far to seek, as the lovely and showy blooms are at their best when the other flowers of our gardens have lost their freshness. Another class or type has recently been added by the introduction of the Paeony or Climatis flowered varieties. This new race is very freelflowering and begins to bloom much earlier than the other classes, the flowers being produced on long stems quite above the foliage. In England the Paeonylflowered Dahlia is completely displacing the long-time popular Cactus type, especially among the ladies, as it is found that the flowers are better adapted for cutting.

Dahlias will succeed in almost any soil, but do best on a light loam or sandy loam. The ground should be well prepared by deep digging and by incorporating a liberal quantity of well rotted manure and bone meal, though some growers only manure the place where each Dahlia is to be planted, taking out the soil to a depth of 18 inches to 2 feet, by 2 feet wide, and mixing a quantity of manure with the bottom spit (spade full). If the Dahlias are to be planted in a bed, a space of four feet should be left between each plant, while the plants should be set diagonally in the rows. The roots should be planted about six inches deep, placing the root on its side that the eyes may be well covered.

## PLANTING SEASON

In the Southern states February and March, and in the Northern states May to early June, are to be preferred. But it should be remembered that it takes the plant about fourteen to twenty days to get through the ground, therefore the planting should be so timed that all danger of frost is over before the young shoots appear; otherwise it would be well to cover them each night with pots or boxes until warm weather sets in

When the shoots appear above the ground, remove all but the strongest one, and when this has attained a height of about 12 inches, or rather has made at least two sets of leaves, pinch out the top, as this will induce it to form branches from the base under the soil, and so make a more symmetrical plant, and better adapted to withstand all winds without the aid of staking. Where the plants are inclined to make spindly growth, such as in partially shaded positions, each plant should have a short stake provided, to which the central shoot should be tied, using soft twine that will not cut into the stem.

To have strong, healthy plants it is imperative that the soil be consistently stirred, especially during a dry spell. Besides keeping the ground clean and free of weeds, this forms a natural mulch for the plants, preventing undue evaporation of the moisture contained in the soil; therefore never allow the surface to become hard, but keep the hoe going.

During hot, dry weather the plants will be greatly benefited by frequent and copious watering, but this should only be done in the evening, and never given in driblets. Unless you are prepared to give the plants a thorough soaking at least twice a week, never start it; rather give the plants a good mulching of stable manure or grass and leave the rest to the weather.

## EXHIBITION BLOOMS

If the grower contemplates exhibiting, the plants must be given extra care and attention. A proportion of the branches must be cut out of the plants, and also the laterals immediately below the flower bud, while only one bud should be left on each shoot, removing the others; and in timing the flowers for a show, it is well to remember that from the time a bud forms it will be three to four weeks before it is a perfect bloom. This disbudding only refers to the Show, Fancy, Decorative and Cactus types; the Pompons and Singles do not require it.

FEEDING
When the plants are in full flower, it is well to assist them with the use of some artificial fertilizer, such as nitrate of soda, or any other good commercial fertilizer. This might be put on the soil round the plant and raked in, or could be given in a liquid form; but should the weather be very dry at the time, it would be well to water the plants thoroughly with clear water previous to applying the fertilizer.

## PROTECTION DURING WINTER

When the plants are killed by the fall frosts, the roots should be carefully lifted; choose a bright, dry day for this opeation. Start by cutting the branches off to within six inches of the ground level, and after digging up the roots turn them bottom up, and allow them to dry in the open for a few hours before putting away for the winter. Do not be particular in removing the adbering soil, as it will dry up and help to keep the bulb fresh. When thorcughly dry, pack away in boxes or other suitable receptacles in a cool frost-proof cellar or shed until the spring. Dry sand or soil packed round the roots will help to keep them fresh and sound, besides being an added protection against frost.

## PRINCIPAL CLASSES OF DAHLIAS

Cactus Dahlia-These have long pointed petals, which in some varieties are straight and in others incurved, all being perfectly double, while the artistic colors of some of the newer varieties are almost indescribable.

Paeony-Flowered Dahlias-So called on account of their striking resemblance to a semi-double Paecny. The flowers are generally semi-double, the petals being curled and twisted in a pleasing and irregular manner, while the combinations of colorings are most beautiful.

Decorative Dahlias are an intermediate between the Cactus and the ball-shaped types, being more regular than the former, with long broad petals, either flat, cupped,
reflexed, or incurved. They are much stronger growers and earlier and more profuse bloomers than the Cactus types.

Show Dahlias are of medium to large size, belong to the old ball-shaped type, and are prized for their symmetrical form and regularity. They are of solid.color, though sometimes edged darker than the ground colors.

Fancy Dahlias are similar to the Show Dahlias in form and habit, but are striped, tipped lighter, mottled, penciled, and variegated in every conceivable manner.

Pompon or Bouquet Dahlias are miniatures of the Show and Fancy types, being of same regular form. They are from one to two inches in diameter, and extremely profuse bloomers. When cut in sprays, with flowers, buds, and foliage, they make the most attractive bouquets and last a long time. The plants are of dwarf compact growth, and, being continually covered with a mass of flowers, are very effective for bedding or borders, where they produce a beautifully effect. This class is especially valuable for growing in pots and on small grounds, as they can be planted closer together than the larger growing varieties.

## HERBACEOUS PERENNIAL PLANTS

Perennials have never been so popular as they are at the present time. Their permanency appeals to all. They are planted once and are always there; living through the winter with little or no protection; the flowers become better as the plants grow older. Will grow well in any soil, which may be enriched with decomposed manure or bone meal. The varieties we list are all perfectly hardy, the tops dying down in winter, but coming up early in the spring. Our prices are for field grown plants. These plants can not well be shipped by freight in a box. They should go by parcel pcst or express, so we give prepaid prices only.

## ACHILLEA. "THE PEARL."

The finest of all plants for cemetery planting. The plants grow about 15 to 20 inches high and are completely covered with double pure white flowers from July until frost. A fine cut flower. Is daintily formed, quite double flowers are borne on long stemmed, branching sprays so profusely as to give a refreshing cool, airy effect through summer heat and late into fall. Price, 15 c each; 10 for 61.00 by paid parcel post.

## ANEMONE JAPONICA.

## JAPANESE WIND FLOWER.

These beautiful hardy plants are not appreciated as they should be. They make a magnificent garden show and furnish abundant cut flowers. They commence blooming in August and increase in beauty until heavy frost. We grow the following varieties:

Whirlwind. Price, each, $15 \mathrm{c} ; 10$ for $\$ 1.25$ by paid parcel post.

## AQUILEGIA. COLUIMBINE

The Columbines have established a place in all old-fashioned gardens. Their curious forms and many pleasing shades of color, and the readiness with which they adapt themselves to all localities, have made them prime favorites. See illustration at bottom of this page.

Vulgaris-The well-known garden Columbine, in all shades of pink and mixed. Verv free blooming. Height 2 feet. Price, each $15 \mathrm{c} ; 10$ for $\$ 1.25$ by paid parcel post.

## ARTEIMESIA WESCO

Beautiful plant for border or filling in within the shrubbery. The foliage is silverywhite, finely cut, and has a peculiar agreeable fragrance. I have used this plant with good success to hold steep banks and terraces. especially on a south exposure where Blue Grass will not grow. Used thousands of them in the Beatrice Athletic Park, to hold up the steep banks. Grows readily in any soil, and can stand any amount of heat and dry weather. Price, 7c each; 10 for $50 \mathrm{c} ; \$ 4.50$ per 100 by paid parcel post. Per 1000 not prepaid, $\$ 22.00$. Plant 12 inches apart each way for holding banks.

## BOLTONIA ASTEROJDES. STARWORT

Tall, bushy plants producing an abundance of aster-like white flowers from August to September. Excellent for cut flowers and nrodures rrand effects when planted in masses. The plants grow and blcom very prcfusely. Price, 10 c each; 10 for 90 c by paid parcel pest.

## BARGAIN OFFER

To introduce my Fancy Roots, Seeds and Bulbs, I offer the following dollar selections.

## Offer No. 1

2 lbs Russet Burbank Potatoes, \$ . 25
1 Superlative Raspberry, . . . 10

1. Loudin Raspberry . . . . 10

1 Phenomenal berry . . . . 10
1 Lawton Blackberry . . . 10
6 Wesco Special Strawberry . . 25
6 Lake Washington " . . 25
2 Selected Cactus Dahlias . . . 25
\$1.40
All for $\$ 1.00$ as long as they last, to be delivered parcel post, orders to take precedence as booked for delivery. All orders received this month will have included without extra expense two fine Purple Lilacs.

## Offer No. 2

Wesco Purple Lilac 10 to 15 in. \$ . 50 6 Assorted Dahlias, wrapped and named 1 Loudin Raspberry . . . . 10 1 Superlative Raspberry • . . 10
6 Lake Washington Strawberries . 25

All for $\$ 1.0$ ? by Parcel Post. If order is placed this month for Spring delivery, I will add free two pounds of either variety of my new potatoes, Rusiet or Wesco Burbank, as long as they last. These potatoes are both earlier than the old fashioned Burbank and very productive

I will contract with reliable growers to raise these potatoes for me to supply my growing seed orders. Special price for the seed to start you and a guarantee of $\$ 3.00$ per ton over the market price for other varieties.

Write for full particulars by return mail, as my stock of seed is limited.

## TO SUCCESFULLY CULTIVATE BANWINE RHUBARB

## FIELD SETTING

Plow furrows at least 16 inches deep and 5 feet apart. Fill in with 4 to 6 inches of rich cow or horse manure. Harrow in 4 to 6 inches of dirt. Fill to nearly the top with well rotted manure under each plant or in the entire row, if you have plenty of manure, setting the roots 5 feet apart in the row, or you may set the division where it is to stay. Set the division flush with the surface, level up the row with dirt. No more water is required than for other plants, if a dust mulch is kept up.

Nitrates may be used to force the growth during shipping season but care should be taken not to use too much. Apply nitrates before watering.

I do not be ieve in commercial fertilizers where other sorts can possibly be secured.

A good way to fertilize after the first year is to mark each crown with a stake during dormant season, and mulch with 18 inches to 2 feet of straw.

Open out around the crown early in the spring but leave the mulch-
ing on until fall without cultivation. In the fall throw off the dry straw and cultivate the rotten into the soil. Put back the old straw and more fresh on top, repeating each year. The advantage is less labor of cultivation, clean barb at cutting time and no weeds with plenty of humus. The fertilizer under the plint will be enough for three years, when it must be dug divided again to one of two eyes to a hill, the same as the original planting, and go at it again as before.

Nothing responds to kind treatment more than rhubarb plant, and to save expense by reducing the amount of fertilizer is a serious mistake, for poor rhubarb sells not at all, or at a low price, while well colored, tender stalks are at a premium.

For garden setting, a hole 16 inches deep and 2 feet across should be dug and filled in as in field culture. Cultivation and after fertilization the same.

For further information address

## H. W. WHITACRE

Grower of true to name
Roots, Seeds and Bulbs

417 Maritime Bldg.
Seattle. Wash.


I frequently hear growers say that there is no money in Rhubarb.
To the writer. who has seen families supported on very small fields, this sounds like a joke. Mr. W. H. Funk, Long Beach, Calif., took $\$ 225.00$ off one-fourth acre for three years. The highest price he got was 3c. Mr. Sargent, an old resident of Grand Mound, Wash., kept himself and wife in groceries and clothes for 25 years off less than one-third acre. My profits this year will be over $\$ 800$ per acre. However, I do not try to force small markets to buy my crop, but nearly all of it is shipped.

We sometimes forget that there are any other places than our own s nall neighborhood, but it is a fact that many places do not have and appear to be unable to raise at all, anything but a poor variety of rhubarb. And the public is growing more fond of this delicious plant.

By shipping co-operatively with
others who raise same variety, I can sell all I can raise. I am now able to ship car lots of my own, so am independent of the erratic pack of careless growers, which would militate toward a lower price formine, when shipped with theirs.

I pack in two sizes of box, specifications for which I will furnish on request. I cut my barb in 12, 16 and 20 inch lengths, cutting ail the top off except long enough fingers to show a little green leaf. Pack the box tight at the bottom with long lengths and cross the box at the top with short lengths to give the box a swell.

Careful packing and grading is required, so I throw away all imperfect stalks. To add them to the box would lower my returns more than they would bring, besides giving me the reputation of attempting to cheat.

## H. W. WHITACRE

Grower of True to Variety Seeds. Plants and Roots.
417 Maritime Bldg., Seattle, Wash.

## Information and Stipulations

## Regarding the Raising of Potatoes for Seed

I have received at this office a large number of orders from various growers in Washington, Oregon and California for pure varieties of seed potatoes, and I have arranged to handle the crop on a share profit basis, a guarantee of $\$ 3.00$ per ton over the market price for table stock. In this circular letter we wish to set down a few rules, following of which will enable us to handle the crop on these terms. Any variation from these rules will cut the price of the potato to the grower.

1. We must have potatoes from 3 to 8 oz . in one size and 8 to 16 oz . in another, which are smooth and free from every disease. They will be rejected for all diseases except scab, of which there must not be more than 5 per cent. These potatoes must be handled exactly upon our order and lnstructions. To do this we are providing warehouse arrangements in different localities where the potatoes may be taken in the fall and graded out at shipping time. We can accept no po-
tatoes on this basis from the pit unless special arrangements are made where localities might be favorable to handling in this manner. The following suggestions to the growers will enable them to come nearer securing this price for their stock.

Where potatoes are not well matured when they have the size required, it will be necessary to mow the green vines, allowing them to harden at least two weeks before digging.

In sorting it will be necessary to carefully sort all bad potatoes, such as undersize and knotty, deformed stock from the potatoes at digging time, only taking to the warehouse such stock as may be valuable either for table stock or seed. All seed stock will be packed in new, even-weight sacks and sewed with a special colored string, all sacks with printed slip endorsed with guarantee of the West Coast CoOperative Association, showing locality where grown.

## H. W. WHITACRE

## 417 Maritime Building

## CHRYSANTHEMUM

We offer an assortment of the hardy varieties. They flower profusely in October, after everything else in the garden has been killed. They are excellent for cut-flowers and bouquets. Sure bloomers and satisfactory growers that should be included in all orders. Even after several light falls of snow, in sheltered positions it is sometimes possible to cut uninjured clusters of beautiful flowers. The fine thick foliage makes a good screen or background, and their own blossoms spring into fullest beauty when the earlier flowers are gone.

Tall White-Height $21 / 2$ to 3 feet feet. Fine double.
Large Flowering Pink-Height $21 / 2$ feet. Splendid variety.
Price, each 15 c ; 10 for $\$ 1.25$ by paid parcel post.

## CANTERBURY BELLS. CAMPANULA

An old time favorite, growing 2 to 3 feet high and bearing in great profusion very pretty bell-shaped flowers. The Campanulas give to our gardens exceedingly pretty flowers for almost every situation, moist or dry, sunny or shaded, and the flowers are produced even in summer drought. Valued for cut flowers. See illustration at bottom of page. Shades: Blue, white and pink mixed. Price, 15 c each; 10 for $\$ 1.25$ by paid parcel post.

## DIANTHUS. SWEET WILLIAIM

These charming old fashioned hardy plants are great favorites in every garden. Stems grow 12 to 18 inches high. Flowers are borne in greatest profusion, in large, round-topped clusters. The Sweet William gives to flowery May masses of color as brilliant as any of our perennials. For five weeks or more their splendor lasts, then if the fading branches are persistently cut away, fairly good fresh ones appear at intervals all summer. Price, each 15 c ; 10 for $\$ 1.25$ by paid parcel post.

## DIGITALIS or FOXGLOVE

An old-fashioned flower that should be planted in quantity. Succeeds under all conditions and furnishes a grand display during July and August. The flowers are very showy, thimble-sbaped and are borne close together on stalks 3 to 4 feet high. For backgrounds and contrast among shrubbery it is a very fine plant. Grows well in a half shady position.

White large flowering. Fine for cutting.
Gloxiniaeflora Rosea-Rose colored. Bright and showy. Price, 10c each; 10 for $\$ 1.00$ by paid parcel post.

## SINGLE PAEONIES

Price, 40c each: 10 for $\$ 3.00$; by paid parcel post, 45 c each.
Cardinal-A brilliant red, dark and bordered with light yellow stamens; foliage very dark. Stems almost red. Mid-season. Price, 40c each; 10 for $\$ 3.50$; by paid parcel post 45 c each.

## GERMAN IRIS (Iris Germanica)

The true "Fleur-de-Lis," the national flower of France. They are perfectly hardy, thrive anywhere, grow and bloom luxuriantly, particularly if plentifully supplied with water. Plants well established produce from 50 to 100 spikes of bloom. In beauty the flowers rival the finest orchids. The plant grows 18 to 24 inches high.

Florentina Alba-Extremely free flowering, and very beautiful white, sweet scented blossoms. One of the best. Each 7c; 10 for 50 c by paid parcel post.

## JAPANESE IRIS (Iris Kaempferi)

Finest of all the Iris family. The flowers are of immense size, from 6 to 8 inches in diameter, and of the most beautiful. delicate shades. Are perfectly hardy, and will flower in profusion during June and July. A well established plant gives a dozen or more flower stalks two to three feet high, each stalk producing two to four enormous blooms. These plants prefer a cool moist situation; but do well in most any good position.

Angelo-Bluish-purple. Price, 10 c each; $\$ 1.00$ per dozen.

## SIBERIAN IRIS (Iris Sibirica)

Tall and slender growing, with flowers like those of the German Iris in structure, but smaller and much more numerous. The plant forms clumps and blooms so freely that its deep blue blossoms give solid color effects. Hardy, thrives in almost any soil. Each $15 \mathrm{c} ; 10$ for $\$ 1.25$ by paid parcel post.

## LEMION LILY (Hemerocallis Flava)

These are among the oldest and best loved of garden plants. Very hardy and persistent, they need no winter protection and thrive in any good soil, preferring, however, a rich, moist loam. For garden borders and waterside planting few perennials are more satisfactory. A good clump of this fine old lily, when blooming in June and July, lights up the border superbly with many tall stems of fragrant, waxen, clear yellow blooms. Grows about 2 feet high. Price, 10c each; 10 for 80 c by paid parcel post.

## ENGLISH IVY

Evergreen Ivy-Each 25c; 10 for $\$ 2.00$.

## VERONIKA

Evergreen border plant. These grow 8 to 12 inches high. Each 25 c; 10 for $\$ 2.00$. SCOTS BROOIME
Yellow and white, pea shaped. Grows up to 6 or 8 feet in height. The white is scarce. Each 25 c ; 10 for $\$ 2.00$.

## MYRTLE

Green-A handsome trailing plant largely used for cemetery planting. Has beautiful, glossy, dark green leaves which form a mat over the surface of the ground. Flowers heavenly blue. Each 10 c; dozen, 90 c; 100 for $\$ 6.00$.

## LINUM

Perenne-A variety of perennial flax with graceful foliage and bearing flowers of light blue. Very attractive. Each 10 c dozen, $\$ 1.00$.

## LYCHNIS

Chalcedonica-(Firefly)-An old favorite, bearing large heads of bright scarlet flowers. Each 15c; dozen, $\$ 1.25$.

## IMONTBRETIA

One of the brightest and best summer flowering bulbs. Plant in clumps of 6 to 12 in May or June. In larger beds they will also make a splendid showing. They greatly resemble the Gladioli in growth and produce beautiful spikes of star-shaped flowers in various shades of orange and yellow. Hardy with slight covering over winter, and they will improve in size of flowers when left in the open ground undisturbed year after year. Mixed varieties. Each, 10c; 75c per dozen.

## LILAC

Persian Purple-The old-fashioned Lilac which grows into a very high bush with bright green, heart-shaped leaves. In May the plant is crowned with its wondrous wealth of light purple flowers in clusters. It is, without doubt, the best known and most popular shrub grown, and notwithstanding, the introduction of so many new flowering shrubs of late years, the Lilac holds its own. A fine tall shrub for the lawn and one of the best for a fancy hedge. Can be used to good advantage in making effective backgrounds for smaller shrubs. Hardy everywhere. Price, 2 to 3 feet, 25 c each; 10 for $\$ 2.25 ; 100$ for $\$ 18.00$. "By paid parcel post, 30c each; 3 to 4 feet, 35 c each; 10 for $\$ 3.25$.

## FORGET-ME-NOT (MYOSOTIS)

Neat and beautiful little plants, with star-like floweis. Succeeds best in a moist situation. Each 10c; 75c per dozen.

## SUMAC

Fern Leaved (Rhus Typhina)-This variety of native staghorn sumac was found on the hills of Vermont. It is of rapid, robust growth, producing cones of bright red fruit. Leaves beautifully formed, rivaling the most delicate fern. For massing with other shrubs the effect is striking. Can also be cut to the ground each season and a mass of beautiful foliage will result. This shrub will thrive on the pcorest of soils with a surprising luxuriance. 25 c each; $\$ 2.00$ per dozen.

## ANTIRRHINUM (Snapdragon)

They do not receive the attention they deserve. One of the best cut flowers. Excellent for beds and borders.

Tall Mixed-Plants grow 2 feet high. A nice mixture of many shades and colors. 10c each; $\$ 1.00$ per doz.

Single and Double Mixed-All colors mixed. Packet 4c; $1 / 4 \mathrm{oz} .10 \mathrm{c}$.

## ARABIS

Alpina (Snow in Summer)-Very early white spring flower. Dwarf, fine for edging. Quite fragrant. 10c each; 90 c per doz.

## LYCHNIS

Hardy perennial plants for beds and borders. Will bloom year after year, requiring no protection.

Chalcedonica-Plants grow 1 foot high and bloom the first year after seed. Flowers brilliant scarlet, star-shaped. 10c each; $\$ 1.00$ per doz.

## WALLFLOWER

Well known, deliciously fragrant half-hardy perennial with la"ge spikes of beautiful flowers. A fine pot plant.

Finest Double-Large spikes of brilliant colored flowers.
Single Mixed-Nice colors.
Height $11 / 2$ feet. 10 c each, $\$ 1.00$ per doz.

## ARMERIA

Mountain Pink-Flowers grow in large tufts, rosy pink. Beautiful for edging. 10c each; $\$ 1.00$ per doz.

Large Flowe -ed Pansies-Mixed. 10c each; $\$ 1.00$ per doz.
Sweet Rocket-10c each; $\$ 1.00$ per doz.
Double Daisies-Mixed colors. 10c each; $\$ 1.00$ per doz.
Hardy Garden-10c each; $\$ 1.00$ per doz.
Shista Daisy-10c each: $\$ 1.00$ per doz.
Primroses-10c each; $\$ 1.00$ per doz.
Sage-Sweet Mary-10c each; $\$ 1.00$ per doz.
Buttercups- 10 c each; $\$ 100$ ner dcz.
Marjcrarr - 10 c each; 31.00 per dop.
Rosemary Tryme-Variegated. 10c each; $\$ 1.00$ per doz.
Old Man-10c each; $\$ 1.00$ per doz.

## BLEEDING HEART. DICENTRA

Bleeding Heart ,the popular name of the Dicentra, is derived from the curious heartshaped blossoms with the drop of blood below. These fine hardy perennials were great favorites in the old gardens. Fine for the border or margins of shrubbery. In the spring these plants bear beautiful heart-shaped flowers of a light red color. The stems grow 12 to 18 inches high, with abundant, deeply cut leaves of light green color. Price. 25c each; 10 for $\$ 2.00$ by paid parcel post.

## RUDBECKIA. "GOLDEN GLOW"

A fine hardy plant that should find a place in every garden. It will be found excellent for cut flower purposes. Plant attains a height of 4 to 6 feet and will produce hundreds of large blossoms of brilliant, golden yellow color during August and September. Price, each 12 c ; 10 for $\$ 1.00$ by paid parcel post.

## SHASTA DAISY

Remarkably large, semi-double daisies, 3 to 4 inches across and pure white, with petals in two or more rows about a golden center. The plant is extra vigorous and maintains a fine show of great flowers throughout the summer and autumn. A splendid border plant and of great value for catting. Price, each 15 c ; 10 for $\$ 1.25$ by parcel post.

## TRITOMA

Flaming Torch-3 to 4 feet high. Dazzling scarlet, lower half tinged with rich rrange. In the north the roots should be taken up in the fall. Blooms August to October. Price, each 20 c ; 3 for 50 c by paid parcel post.

## ORIENTAL POPPIES (Papaver Orientale)

These are the regal representatives of this popular genus, far surpassing in splendor of bloom all the annual and biennial kinds, and for a gorgeous display of rich and brilliant color nothing equals them during their period of flowering in May and June, and whether planted single or in masses their large flowers and freedom of bloom render them conspicuous in any position. They are of easiest culture; almost any kind of soil suits them, but they do best in deep, rich loam; set the plants out in fall or very early spring; give them water occasionally during dry spells in the early part of the season; mulch with stable litter in fall, and they will increase in size and floriferousness for several years. Price, rose color, 25 c each; 10 for $\$ 2.30$ by paid parcel post.

## IMAIDENHAIR FERN (ADIATUM PEDATUM)

One to three feet high. Frond, forked at the summit of the slender, polished stalk, the recurved branches bearing on one side several slender, spreading pinnate divisions; pinnae oblique, triangular oblong. Price, 25 c each; 10 for $\$ 2.00$ by paid parcel post.

## HARDY PHLOXES

The ease with which they are cultivated, season of blooming, combined with the varied and beautiful coloring, make them particularly valuable for garden planting. In bloom from June till late autumn. Phloxes are very effective either as single specimens, in small groups, or large beds on the lawn. They produce a beautiful and harmonious contrast when massed against a background of shrubbery. We offer a carefully selected collection, all field grown plants. Mixed colors.

Sunset-Dark pink, a beautiful variety of medium height. Price, each 20c; 10 for $\$ 1.75$ by paid parcel post.

## GRASS PINKS

Hardy Scotch Pinks-The delivately fringed flowers are bright in color and very attractive. Adapted for beds and borders. Spicy odor; in bloom all the time. Fine cut flowers. 10 c each; $\$ 1.00$ per doz.

> I want to contract for the growing of 100 cars of our Various Seed Potatoes. Write me! Just as easy to grow as common stock, and I will pay $\$ 3.00$ per ton more. See my Potato page.

# Berry Roots Strawberry 

Lake Washington-A fine market berry, large, firm, dark red, a little earlier than the Marshall.

Price- $\$ 4.00$ per 1,000 . $\$ 1.00$ per doz., selected.
West Coast Special-This is the best of new varieties. Similar to the Magoon, but larger and a little later in ripening, with a remarkably fine flavor. This berry will become a popular shipper, or for the home garden.

Price- $\$ 6.00$ per 1,000 . $\$ 2.00$ per dozen, selected.
Oregon Champion-Price, $\$ 4.00$ per 1,000 .

## Price List--Berry Roots

|  |  | $\begin{aligned} & \mathrm{E} . \\ & 10 \text { to } 100 \end{aligned}$ | $\begin{aligned} & \text { F. } \\ & 100 \text { to } 1000 \end{aligned}$ |
| :---: | :---: | :---: | :---: |
|  | Each. | Each. | 100 to Each. |
| Strawberry-Lake Washington | \$0.10 | \$0.06 | \$0.04 |
| West Coast Special | . 15 | . 08 | . 06 |
| Oregon Champion | . 10 | . 06 | . 04 |
| Lcgan Berry, 1 year_ | . 10 | . 06 | . $041 / 2$ |
| Prenomenal, 1 year | . 15 | . 08 | . 06 |
| Australian Giant B ackberry, 1 year | . 15 | . 08 | . 06 |
| Cuthbert Raspberry, 1 year | . 10 | . 05 | . 04 |
| Black Prince Raspberry, 1 year | . 15 | . 08 | . 06 |
| Gocseberry, Oregon Champion, 1 year | . 20 | . $171 / 2$ | . 10 |
| Currants, Cherry | . 20 | . $171 / 2$ | . 10 |
| Herse Radish, Wesco Fancy Cuttings | . 10 | . 05 | . 04 |
| Rhubarb, BANWINE, divisions | . 15 | . 08 | . 05 |

## Dahlias

| Kremihilda-Pink Cactus | . 15 | . 08 | . 06 |
| :---: | :---: | :---: | :---: |
| White Star-Pure White Cactus | . 25 | . 20 | . 15 |
| Standard Bearer-Rich, fiery red Cactus | . 25 | . 20 | . 15 |
| Salmon-Cactus | . 10 | . 06 | . $0411 / 2$ |
| Emperor-Orange | . 15 | . 08 | . 06 |
| John Thorp-Light pink-Show | . 15 | . 08 | . 06 |
| Wesco-Yellow-Show | .10) | . 06 | . $0411 / 2$ |
| Wesco-Scarlet Peony | . 15 | . 08 | . 06 |
| Wesco-Deep red, Pom Pom | . 15 | . 08 | . 06 |
| Mixed varieties, not wrapped or named |  |  | . 05 |
| Mixed varieties, wrapped and named_ |  |  | . $0711 / 2$ |

(See assortment Bargain Offer.)
Lilacs-Purple, 10 to 16 inches, per hundred $\$ 5.00$.
At this price you can put in a Lilac hedge or division fence- 2 to 3 feet, each 25 c ; 3 to 4 feet, each $40 \mathrm{c} ; 4$ to 6 feet, each $50 \mathrm{c} ; 10$ to 16 inches, $\$ 1.00$ per dozen.

## Vegetable and Flower Plants

NOTE-Those wishing large quantities of plants, please write for special prices.
Early Cabbage-Fall sown, wintered over plants, ready in March. Early Jersey Wakefield, BALL HEAD Early, Charlston Wakefield and Glory of Enkhuisen. Per doz., postpaid, 20 c $; \$ 1.00$ per 100. Express or Freight, 60 c per $100 ; \$ 4.00$ per 1,000 .

Late Cabbage-Danish Ball Head, Glory of Enkhuisen, Ball Head Early. 20c per doz.; 75 c per 100 , postpaid. Express or Freight, 35 c per $100 ; \$ 3.00$ per 1,000. Ready June 1st to August.

Late Cauliflower-Veitch's Autumn Giant, Mammoth White, Early White French, ready June 20th. 25 c per doz.; $\$ 1.00$ per 100, postpaid. Express or Freight, 50 c per 100; $\$ 4.00$ per 1,000 . Danish Giant Dry Weather and Early Snowball, 25c per doz.; $\$ 1.25$ per 100, postpaid. Express or Freight, 90c per 100; $\$ 5.00$ per 1,000.

Tomato Plants-Gill's Select Earliana, and Bonny's Best, 35c per doz., postpaid. E. or F., $\$ 1.00$ per 100 .

Asters-Giant Crego as listed, 25c per doz.
Verbena, Petunia, Sweet William and Salvia, 25c per doz.
Subject to prior order or pro rata delivery.

## The above plants will be shipped from Oregon. <br> BARGAIN ORDERS <br> PERENNIAL PLANTS

We will deliver parcel post prepaid in lots of 50 mixed varieties to any zone at half catalogue price.

If order is placed within 30 days after receipt of this catalogue I will add two 16 inch purple Lilacs or a start of either variety of our great medium early potatoes, the Russet or Wesco Burbank.

## LIST OF PLANTS IN STOCK

STRAWBERRIES-Lake Washington -----------------------------------------100000 1000






















Maules Early Tomato Very little
Magnificent Tomato Small quant ty

## CASH OFFER FOR A NAME!

I have a sport potato which I am calling the Russet Burbank. This is not a good name for this wonderful potato, as the netted gem is also often called Russet Burbank. I want a name that will express its splendid qualities and will give

## $\$ 25.00$ in Cash

to the man or woman sending me the name I like the best.
The qualities of this potato are as follows:
1st. A great yielder and large in size.
2nd. A smooth, shallow-eyed potato.
3rd. Netted similar to the netted gem but showing strong Burbank characteristics.
4th. One of, if not the best. all around cookers, equalling or superior to the netted gem, and a better boiler, as it does not slack as bad in cooking. It is a late potato.

TERMS: All purchasers of large or small quantities are eligible to this contest, or purchasers of $\$ 1.00$ or more of any other seed or plant listed in this catalog, may enter.

A sample of the crop must be delivered to me before Dec. 1, 1915, by freight. I will pay the market price delivered at Seattle, and the sample must be 100 pounds or more in weight, up to a carload.

A letter stating you wish to enter this contest must reach me before June 1, 1915. accompanied by an order with the cash (See price list inside of front cover), when your name will be entered for this contest and every order of any size within this period will be delivered with a fine Purple lilac free where 5c extra is enclosed to partially pay for packing \& postage

Don't forget this but order at once for we may be sold out, as our supply is not large. WRITE TODAY, with Money Order, (cash or stamps up $\$ 1.00$ will be taken, though I prefer Money Order). Write your name and address plainly for I get many orders which cannot be filled on account of bad address.

## H. W. WHITACRE

Grower of Whitacre's True to Variety Seeds and Plants.
417 Maritime Building. Seattle, Wash.

## I N D EX



# First Carload Rhubarb 

## Roots Shipped to <br> California

(COPIED FROM SEATTLE PRODUCE NEWS OF NOV. 23, 1914
"The first straight carload of Washington Rhubarb Roots ever shipped to California was dispatched a few days ago by H . W. Whitacre, General Organizer of the West Coast Co-Operative Association. This shipment was shipped from Centralia and delivered to members of the association in California who intend to grow Rhubarb on a big scale.
"This is not an exptriment' as express shipments have been forwarded to different points in California for several seasons, but this is the first carload. The Washington Rhubarb thrives in California and has reached a prodigous growth in the vicinity of Long Beach."

Addendum: This lot of Roots was sold to J. C. Cook and W. A. Lee of Covina, Calif.; Wm. Funk, Long Beach, Calif.; and others from San Francisco to the Mexican Line.

Alaska grows this variety profitably and orders from foreign countries are beginning to come in. Order at once as the supply is limited and deliveries must take their turn. Money refunded if not able to ship.

See price list on another page.


Distributors for Whitacre's Wesco Burbank Seed Potatoes and the Banwine Rhubarb

West Coast Co-operative Assn.
Maritime Bldg., Seattle



[^0]:    First pulling per 1,000 plants, 10 lbs . per plant, $10,000 \mathrm{lbs}$., at $21 / 2 \mathrm{c}$
    
    Third pulling not marketed because price too low.
    
    $\$ 725.00$
    
    Per acre
    $\$ 890.00$

