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B. K. BLISS & SONS'

\$700.

CIRCULAR OF

\$700.

POTATO PREMIUMS FOR 1876.

The astonishing results produced by competitors for the premiums offered by us for the past three years, to those who should grow the largest amount of Potatoes from one pound of the tubers of the Snowflake and Eureka, have excited much comment among the agricultural community, and many are disposed to look upon their results as exaggerations. In awarding the premiums the committee have carefully examined the reports of the growers, as well as their vouchers, and are fully satisfied of the justice of their decision. These trials have proved to the satisfaction of all candid observers, the superiority of the method of cutting to single eyes and planting one or two eyes to the hill, whereby much larger and finer tubers are produced, the yield largely increased and fully three-quarters of the seed is saved, which is no small item, when the large amount of land devoted to the cultivation of the Potato is taken into consideration. By adopting this method millions of bushels may be annually saved without detriment to the crop. In order to have the experiment still further continued with our new varieties of this season, and to encourage cultivators in their efforts to produce others which shall be superior to any which are now in cultivation, we have decided to offer for the Centennial year,

SEVEN HUNDRED DOLLARS IN PREMIUMS,

TO BE AWARDED AS FOLLOWS:

\$250 to be divided among the six most successful growers, who shall produce the largest quantity from one pound of the **Ruby**.

\$250 to be divided among the six most successful growers, who shall produce the largest quantity from one pound of the **Alpha**.

CENTENNIAL PREMIUMS.

\$150 for the best collection, *one peck each*, of the varieties introduced by us since 1867.

\$50 for the best and most promising seedlings raised this season from Pringle's Hybridized Potato Seed.

The Collections for which the last two premiums of \$300 are offered, will be exhibited at the Centennial Exhibition in Philadelphia, in October, and the Premiums will be awarded by their Committee. For a full description of these varieties, we refer to their descriptions under their respective headings.

\$250 FOR RUBY.

For the largest quantity of Ruby Potatoes grown from one pound of seed,	- - - - -	\$100 00
For the second largest,	- - - - -	50 00
For the third largest,	- - - - -	40 00
For the fourth largest,	- - - - -	30 00
For the fifth largest,	- - - - -	20 00
For the sixth largest,	- - - - -	10 00

\$250 FOR ALPHA.

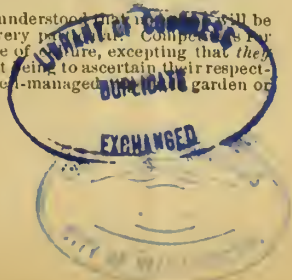
For the largest quantity of Alpha Potatoes grown from one pound of seed,	- - - - -	\$100 00
For the second largest,	- - - - -	50 00
For the third largest,	- - - - -	40 00
For the fourth largest,	- - - - -	30 00
For the fifth largest,	- - - - -	20 00
For the sixth largest,	- - - - -	10 00

Competitors for the prizes will be required to give the date on which they gave their order for the Potatoes, date of planting, date of digging, with a written statement of their mode of culture, characteristics of the soil—whether clay, alluvial, sandy or loam—nature of the subsoil, whether underdrained or not; also, the kind and quality of fertilizers used, how and when applied, the number of hills, and distance apart each way, with the weight of the crop when dug, and the number of square feet occupied by the crop, which must be witnessed and sworn to before a justice of the peace, notary, or any other one competent to administer the oath, and sent to our address before the first of November, 1876.

The seed in all cases must be purchased of us. The awards will be made by a committee composed of well known agriculturists, and will be published in the leading Agricultural Papers, and a copy mailed to each competitor. The prizes will be awarded the first of January, 1877.

N. B.—To prevent misunderstanding, we wish it distinctly understood that the prizes will be awarded unless the above requirements are complied with in every particular. Competitors' premiums will be placed under no restrictions as to their mode of culture, excepting that they must not be grown from slips or forced by artificial heat, our object being to ascertain their respective merits with such culture as is usually given to crops in a well-managed garden or farm. Competitors can receive but one prize for each variety.

1876



\$200. Centennial Premiums, \$200.

TWO HUNDRED DOLLARS IN PREMIUMS

TO BE AWARDED AT THE

Centennial Exhibition at Philadelphia, in October, 1876.

Wishing to make a display of the new varieties of Potatoes introduced by us within the last seven years, at the Centennial Exhibition, in October, 1876—and in order to encourage cultivators in various parts of the country to exhibit their productions—we offer premiums to the amount of **\$150.00** to the most successful exhibitors of the following varieties:

Early Rose, Late Rose, King of the Earlies, Bresee's Prolific, Peerless, Climax, Extra Early Vermont, Compton's Surprise, Brownell's Beauty, Snowflake, Eureka, Alpha, Ruby.

The awards are to be made by a committee of the Centennial Commission, and the premiums paid by their Treasurer.

For the best collection, containing 1 peck each, (15 lbs.) of the 13 above named varieties,	\$30 00
For the second best collection,	25 00
For the third best collection,	20 00
For the fourth best collection,	10 00
For the best Peck of Early Rose,	5 00
For " " " Late Rose,	5 00
For " " " King of the Earlies,	5 00
For " " " Bresee's Prolific,	5 00
For " " " Peerless,	5 00
For " " " Climax,	5 00
For " " " Extra Early Vermont,	5 00
For " " " Compton's Surprise,	5 00
For " " " Brownell's Beauty,	5 00
For " " " Snowflake,	5 00
For " " " Eureka,	5 00
For " " " Alpha,	5 00
For " " " Ruby,	5 00

THE SEED MUST IN ALL CASES BE PURCHASED OF US THIS SPRING—and the Potatoes designed for exhibition sent to our address, 34 Barclay Street, New York, before the 20th of September, *express charges prepaid*.

We must reserve the right of rejecting any collection, or single variety, that is not, in our opinion, worthy of a place upon the exhibition table.

All who intend to compete for the above prizes are requested to notify us when they send their orders for the seed—but should they fail to do so at that time, to notify us previous to September 1st, to give us time to secure the necessary room upon the exhibition tables.

Exhibitors of Potatoes in collections, must send separate pecks if they wish to compete for single lots.

Specimens intended for exhibition must be separately wrapped in soft paper, and firmly packed with sawdust between, to prevent the skin from rubbing.

In addition to the above, we offer \$50—premiums for the best seedling Potatoes, raised from Pringle's Hybridized Potato Seed. See page 11 for description of this seed.

\$50.00 IN PRIZES FOR THE BEST SEEDLING POTATOES.

The increasing interest manifested throughout the country in raising Potatoes from the Seed Ball, has induced us to offer **\$50.00 in premiums** for the three best seedlings raised from **Pringle's Hybridized Potato Seed**, during the coming Summer, and to be exhibited at the Potato Exhibition in the Agricultural Department of the **Centennial Exhibition**, in Philadelphia, in October, 1876.

For the best and most promising variety, (5 tubers),	\$20.00
" " second best,	15.00
" " third best,	10.00
" " largest product of the most promising variety from one hill,	5.00

The seed must, in all cases, be purchased from us. Competitors will please state, when they order the seed, that they intend competing for the Centennial Premiums,—or, should they fail to do so at that time, to notify us before August 1st, that we may secure room for the exhibitors.

Potatoes intended for exhibition may be sent to our address from August 1st to October 1st. They can be sent by mail or express, at the option of the exhibitor, *but all charges must be prepaid*. The tubers should be carefully wrapped in soft paper and packed closely, so that they will not be injured by rubbing. As the tubers are liable to be crushed when sent by mail, we would recommend that they be packed in a stiff pasteboard box to prevent injury. Parcels sent by mail must not be sealed, but tied with twine, so that it can be examined at the post-office. *No writing of any kind is allowed inside the parcel*. Should there be any communication to make, write it on a postal card or by letter. Any writing inside the package subjects the whole to letter postage.

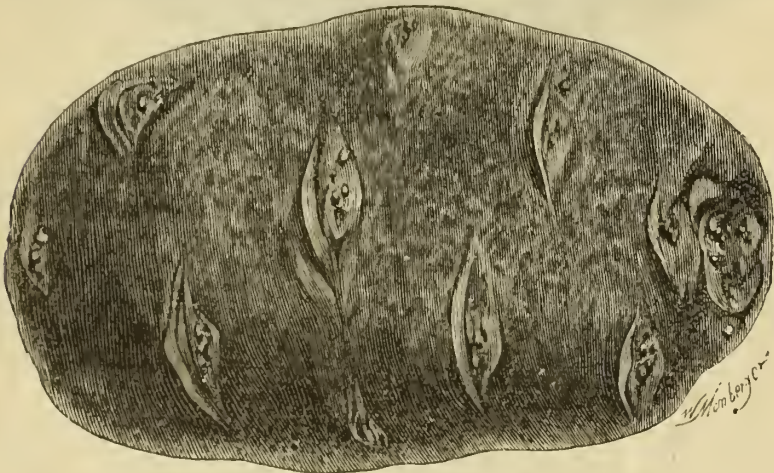
We must reserve the right of returning any varieties that we may receive, if in our opinion they are unworthy of exhibition. They will be at the disposal of the exhibitor at the close of the exhibition.

New Varieties.

Prices for Fall of 1876—Subject to Changes in the Market.



The great popularity of the new varieties of Potatoes, which have been sent out from our establishment within the last six years, among which are the **Early Rose**, **Late Rose**, **King of the Earlies**, **Bresee's Prolific**, **Peerless**, **Chimax**, **Extra Early Vermont**, **Compton's Surprise**, **Brownell's Beauty**, **Eureka**, **Snowflake**, and **Alpha**, have induced many growers in various sections of the country to experiment in raising seedlings, a large number of which, considered by the originators as the very choicest in their collections, (some of which embraced several hundred varieties,) were grown in our trial ground the past season. A large number of these varieties possess superior qualities and are well worthy of further trial, but as it is our intention to offer nothing but what shows a decided improvement in some respects to those already in cultivation, we have found but one variety that comes up to our standard. This variety was originated by Mr. Pringle, who has already obtained a world-wide reputation in producing the **Alpha** and **Snowflake**, two of the best and most popular varieties in cultivation, and named by him **Ruby**, on account of the beautiful color of its skin, and is described as follows:



RUBY. (Pringle.)

A new red kidney-shaped potato of excellent promise, raised in 1871 from the **Early Rose** hybridized with the **White Peachblow**. Its hybrid origin is quite apparent. The shape is oblong, slightly flattened, resembling that of the **Early Rose**. In its coloring the red of the latter variety is deepened by the carmine which shows in the blotches of the **White Peachblow**. The eyes, which are but slightly sunken, are carmine like those of this variety. The flesh possesses much the character of the **Peachblows**, being white, fine-grained, firm, and of excellent flavor. The tubers are of approved medium size; and are clustered close about the foot of the stalks. These are short and stout, with foliage broad, thick, and of a very dark green color. The time of maturity is the same as that of the **Early Rose**, and it is equally productive.

In short we believe this new sort (the first choice of all Mr. Pringle's recent seedlings which amount to many hundreds), to combine in a rare manner the good points of its parents; and to those with whom the **Peachblows** are favorites we can recommend it with confidence as an early variety of the **Peachblows** without any of their faults. At the recent International Potato Exhibition held in the Alexandra Palace, London, in September, this seedling in common with a few others sent by us received a certificate of merit. To those who prefer a red-skin potato we can confidently recommend this excellent variety.

Per lb., 75 cents; 3 lbs. to one address, \$2.00, by mail, prepaid. By express or freight, charges paid by the purchaser; 1 peck, \$2.00; ½ bushel, \$3.00; 1 bushel, \$5.00; 1 barrel, \$10.00.



ALPHA. (Pringle.)

THE EARLIEST VARIETY IN CULTIVATION.

Raised in 1870, by C. G. Pringle, originator of the Snowflake, and one of our most experienced hybridizers, from seed borne on Early Rose and impregnated by pollen of Sebec. A very early variety for farm and garden culture, also for forcing under glass; fit for the table ten or fifteen days before the Early Rose. Tubers of medium size, oblong, somewhat flattened, with eyes but slightly depressed; color a clear white, with the slightest tinge of red about the eyes; flesh very white, fine-grained, dry, and firm, and possessed of a decided and excellent flavor; stalks short and close-jointed, seldom exceeding a foot in height; leaf broad, light green and shining above; tubers clustered about the base of the stalk; quality, of the highest excellence. A first-class certificate was awarded by the Royal Horticultural Society, of London, in 1874. It has been thoroughly tested the past season in various sections of this country, and has given perfect satisfaction. We can recommend this with the greatest confidence as the very best early variety in cultivation.

(From the Report of the Royal Horticultural Society of London.)

ALPHA—(B. K. BLISS & SONS.)—Haulm compact, about 12 inches long; ripening off very early, stem pale-green, leaflets broad, flat, very pale-green; tuber medium size, half-round, flat; eyes large, skin smooth, very clear, pale straw-colored; flesh firm, white, of excellent quality for early use. Moderate cropper; one of the very earliest of Potatoes. First-class certificate, of which the following is a copy:

ROYAL HORTICULTURAL SOCIETY.

We hereby certify that the Council of the Royal Horticultural Society, upon the award of the Fruit Committee, have presented this FIRST-CLASS CERTIFICATE to MESSRS. B. K. BLISS & SONS for Potato, "Dwarf White," (since named "Alpha,") exhibited at a meeting held on the 10th day of September, 1874.

A. F. BARRON, *Secretary.*

ALFRED SMEE, *Chairman.*

A silver medal was also awarded by the Massachusetts Horticultural Society.

(From T. H. Hoskins, M. D., VI.)

The Alpha Potato yielded well with me this season, and fully maintained its character for earliness, and also for good quality. It is easily the earliest and the best early of all the early varieties introduced during the last ten years. In yield it greatly exceeds Mr. Pringle's expectations as expressed to me prior to its introduction to the public.

(From the (London) Garden, Nov. 20, 1875.)

PRODUCTIVENESS OF THE ALPHA POTATO.—On May the 13th I planted 9 lbs. of Alpha Potatoes on land situated within half a mile of the sea and fully exposed during the past cold, wet season. The land on which they were planted received no special preparation. No fertilizers were used with the exception of a small quantity of vegetable soil. The crop was lifted on September 2d, and handsomer potatoes I have never seen, not a single potato being diseased. The 9 lbs. of seed produced a crop of 401 lbs. (Signed.)

C. J. BARKER,
Littlehampton, England.

Per pound, 75 cts.; 3 pounds to one address, \$2.00, by mail, prepaid. By express or freight, charges paid by the purchaser, 1 peck, \$2.00; ½ bushel, \$3.00; 1 bushel, \$5.00; 1 barrel, \$10.00.



ALPHA.—Showing habit of Growth in the Hill.



SNOWFLAKE.—Showing habit of Growth in the Hill.



Mr. Burnett's Crop of Snowflakes from One Pound of Seed.

SKANEATELES, N. Y., September 27, 1875.

Messrs. B. K. BLISS & SONS:—Accompanying this please find Stereoscopic view of the **Snowflake Potato** as grown in my garden the past Summer. It exhibits the product of one pound of seed purchased of you last Spring. The earth was carefully removed, leaving each potato attached to the root *exactly as it grew*. They were grown in good garden soil, without extra manure, and had the same cultivation as the other potatoes. No one could have been more surprised than I at the wonderful production. I had them on exhibition all one day, and a large number of farmers and amateur gardeners called to see them. For size and quantity all admitted they had never seen its equal. At the nearest end of the row, as shown in the picture, the yield was affected by a shade tree, but at the other end they were very large and in one solid mass—in fact, there was no room for a jack-knife between them. It makes quite a pretty picture, with rose bushes, geraniums and tuberoses on the left and my boy "Frank" and the grapevines for a background. I have created no little excitement by exhibiting the Snowflakes at our Town Fair.

Yours respectfully,

JOSEPH H. BURNETT.

A Trial of the Snowflake in June.

In order to show the wonderful keeping properties of the Snowflake Potato, we annex a letter from the well-known horticulturist, Chas. Downing, Esq., to whom a sample grown in 1874, was sent in June for trial.

NEWBURGH, June 28, '75.

Messrs. B. K. BLISS & SONS—*Dear Sirs*: The box of potatoes was received in due time. The quality is equal and I think superior to any potato I ever ate so late in the season, and being of good size and so smooth and regular in form, it will be an acquisition if the production is sufficiently good.

Please accept my best thanks for your kindness, and for the opportunity to test them.

Very respectfully,

CHAS. DOWNING.

From Nash & Crook, proprietors of the well-known and popular restaurant in the *Times* building, opposite the new post-office on Park Row:

NEW YORK, July 1, 1875.

Messrs. B. K. BLISS & SONS:—We have been using the Snowflake potatoes, supplied by you in our restaurant for the past month, and find them superior in every respect to the Bermuda or any other early variety in the market. They cook dry and mealy, and are of excellent quality; and on account of the eyes being so nearly even with the surface, there is but little or no waste in peeling. They give general satisfaction to our customers. We have no hesitation in pronouncing them the best potato we ever used in our business at this time of the year.

NASH & CROOK.

The following list, in addition to the **Ruby**, **Alpha** and **Snowflake**, embraces all the varieties sent out by us since 1867, for which premiums to the amount of \$150, are offered for the best peck to be exhibited at the Centennial Exhibition at Philadelphia in October, 1876. See page 2.

Two pounds of either of the following varieties will be mailed, postpaid, to any address in the United States, upon receipt of \$1.00, or one pound for 60 cents.

Not less than one pound, or more than one variety in one package, will be mailed.

Early Rose.—This was the first of Mr. Bresee's Seedlings, offered by us in January, 1868, and has now become the standard variety for earliness, quality and productiveness. *Per peck, 75 cents; bush., \$2.00; bbl., \$5.00.*

King of the Earlys, (Bresee's No. 4.)—A very early variety, vines quite dwarf, tubers large and handsome, roundish, and slightly flattened; eyes small and somewhat pinkish; skin flesh color, or dull pinkish-white; flesh white, floury, cooks well, and is of good quality for the table. *Per peck, 75 cents; bush., \$2.00; bbl., \$5.00.*

Bresee's Prolific.—Vines of medium height, quite bushy, somewhat spreading. Tubers large, regular in shape, and very smooth, slightly oblong, somewhat flattened. Skin dull white, inclined to be russeted, eyes but little depressed and slightly pinkish, flesh white, cooks quickly, is very mealy and of excellent quality, yield very large, matures about three weeks later than the Early Rose, a valuable variety for field culture. *\$1.00 per peck; \$2.00 per bushel; \$5.00 per barrel.*

Climax.—Early; uniformly large; long, cylindrical; skin white; eyes sharp, shallow; flesh white and solid. This has been the most prolific early variety during the past season, and has proved hardy and healthy. *Per peck, \$1.00; bush., \$2.00; bbl., \$5.00.*

Late Rose.—This variety, first offered by us in the Fall of 1871, has been largely cultivated in various parts of the country, and has given universal satisfaction. It ripens two or three weeks later than the Early Rose, and has proved to be much more productive, hardier, healthier, and a better keeper, retaining its good quality till new potatoes come in. *Per peck, 75 cents; bush., \$2.00; bbl., \$5.00.*

Peerless, (Bresee's No. 6.)—Skin dull white, occasionally russeted; eyes shallow; oblong, flesh white, mealy, grows to a large size, often weighing from one and a half to two pounds, and enormously productive, frequently producing from 100 to 150 barrels to the acre. Its great beauty, superior quality, and enormous productiveness, place it among the best varieties for general culture. *Per peck, 75 cents; bush., \$2.00; bbl., \$5.00.*

Extra Early Vermont, (Woodhouse.)—Similar in color, form and general appearance to the Early Rose. It is however much more hardy—a better keeper, more productive, of better quality and from a week to ten days earlier—and is rapidly taking the place of that popular variety. In many places where the Early Rose has failed to produce a crop this variety has given the most satisfactory returns. A first class certificate was awarded to this variety in 1873 by the Royal Horticultural Society of London.

Per peck, \$1.00; ½ bushel, \$1.50; 1 bushel, \$2.00; 1 barrel, \$5.00.

Compton's Surprise.—Remarkable for its size, quality and productiveness. Its shape is oval-oblong, eyes sunken, brow prominent, skin smooth, color reddish-purple, flesh white; grows to a large size, and is invariably sound to the center. It retains its quality perfectly throughout the year, appearing on the table like a ball of flour. Remaining plump and free from sprouts when kept until June, and never having that wilted appearance common to early sorts. Thousands testified that they never ate a better Potato. Its uniform meanness of grain, combined with the purest flavor, and its snowy whiteness of flesh, which is not in the least affected by its blue skin, can not fail to make it highly valuable.

Per peck, \$1.00; ½ bushel, \$1.50; 1 bushel, \$2.00; 1 barrel, \$5.00.

Brownell's Beauty, (Brownell.)—Size, medium to large, growing very fair and smooth. Eyes few and small, nearly even with the surface; shape oval, somewhat flattened; skin reddish, or a deep flesh color; flesh white, fine-grained and very delicate. For the table, they cook either by baking or boiling equal to the very best, flavor unexceptionable. Vine of medium growth; foliage deep green. The tubers grow compactly in the hill and are easily dug, ripening in about three months from time of planting, though suitable for cooking about two weeks later than the Early Rose. A first class certificate was awarded this variety by the Royal Horticultural Society of London in 1873.

Per peck, \$1.00; ½ bushel, \$1.50; 1 bushel, \$2.00; 1 barrel, \$5.00.

Eureka, (Brownell.)—This seedling resulted from a seed-ball grown on an Excelsior potato-vine blossom fertilized with pollen from the White Peach-blow; vines of strong and vigorous growth; tubers of a good medium and uniform size; shape elongated oval, somewhat flattened, eyes few, skin white and fair; season second early. It is one of the most productive in cultivation, besides being an excellent keeper. Its flesh is exceedingly fine-grained, white, and when boiled or baked, mealy and of excellent flavor, cooking through uniformly without any fault at the center. A silver medal was awarded to this variety by the Massachusetts Horticultural Society, in 1874.

Per peck, \$1.25; ½ bushel, \$2.00; 1 bushel, \$3.00; 1 barrel, \$6.00.

Miscellaneous Varieties Selected from the Best European and American Sorts in Cultivation.

- | | | |
|-------------------------|-----------------------|--------------------------|
| Albert, | Early Minnesota, | Noblow, |
| Alexandra, | Early Mohawk, | Nova Scotia, |
| Amazon, | Early Peachblow, | Ohio Mercer, |
| Andes, | Early Pinkeye, | Ohio Russet, |
| Ashleaf Kidney, | Early Prince, | Old Flesh-colored, |
| Ashleaf Fluke, | Early Purple, | Old Red, |
| Ashtop Fluke, | Early Queen, | Oncida, |
| Black Diamond, | Early Race-horse, | Orono, |
| Black Kidney, | Early Samaritan, | Patterson's Blue, |
| Black Mercer, | Early Scotch Cottage, | Patterson's Early White, |
| Blue Pinkeye, | Early Shaw, | Patterson's Golden Don, |
| Bresee's Prolific, | Early Snowball, | Patterson's Irish Blue, |
| British Queen, | Early Sovereign, | Patterson's Pinkeye, |
| Buckeye, | Early Stevens, | Patterson's Regent, |
| Bulkeley's Seedling, | Early Victor, | Penn. Searchwarrant, |
| Calico, | Early Wendell, | Philbrick's Early White, |
| California, | Early White, | Philadelphia, |
| California Mercer, | Early York, | Pigeon Eye, |
| Callao, | Fluke, | Pinkeye, |
| Campbell's Late Rose, | Forfarshire Red, | Pinkeye Rustycoat, |
| Carpenter, | Fox Seedling, | Prince Albert, |
| Carter, | Frankfort, | Prince of Wales, |
| Carter's Early Forcing, | Galva, | Purple Mercer, |
| Cascoe, | Gardner, | Raspberry-Leaved, |
| Cayuga, | Garnet Chili, | Red Streak, |
| Central City, | Granite State, | Rochester Seedling, |
| Chenango, | Great Britain, | Rough and Ready, |
| Chenery, | Grey Russet, | Sandy Brown, |
| Cherry Blow, | Great Western, | Scotch Blue, |
| Chili, No. 2, | Guernsey, | Sebec, |
| Circassian Kidney, | Hamburg, | Seedling Rock, |
| Cluster, | Harrison, | Six Weeks, |
| Colebrook, | Hollyhock, | Skerry Blue, |
| Colorado, | Idaho, | Snowball, |
| Coucord, | Irish American, | State of Maine, |
| Coppermine, | Irish Cup, | Strawberry Mercer, |
| Cowhorn, | Jackson White, | Titicaca, |
| Cuzco, | Jones' Seedling, | Union, |
| Dagger, | Kearsarge, | Utica Pinkeye, |
| Dana's Seedling, | Ketchum's Seedling, | Vanderveer, |
| Davis' Seedling, | King of Potatoes, | Weeks' Seedling, |
| Delmahoy, | Lady Finger, | Western Chief, |
| Dover, | Late Pinkeye, | Western Red, |
| Dover Seedling, | Lincoln Red, | Wheeler's Milky White, |
| Duke of Cumberland, | Londou White, | Whig, |
| Dutch Pinkeye, | Long Pond, | Whipple's Seedling, |
| Dykeman, | Massachusetts White, | White Clinton, |
| Dyright, | Mercer, | White Mountor, |
| Early Black Kidney, | Mercer Seedling, | White Mountain, |
| Early California, | Merino, | White Pinkeye, |
| Early Cottage, | Mexican, | White Rock, |
| Early Dexter, | Mo. White, | White Rose, |
| Early Don, | Monitor, | White Sprouts, |
| Early Golden, | Multiply, | Willard, |
| Early Handsworth, | Nansemond, | Worcester Seedling, |
| Early Henry, | Napoleon, | York Seedling. |
| Early Indiana, | New Hartford, | |
| Early Manly, | New Kidney, | |

Many other varieties not here enumerated.
 One pound of any variety named in the above list, will be mailed, postage prepaid, to any post-office in the United States, upon receipt of 60 cents; 2 pounds, \$1.00.
 Collections of 200 varieties, one tuber of each correctly labeled, will be mailed, postage paid, for \$40.00; 100 varieties for \$25.00; 50 varieties, \$15.00; 25 varieties, \$8.00.

Our new illustrated Potato Catalogue for 1877, containing a list of many new varieties not before offered, will be published in January, and mailed to all applicants.

N. B. Orders for Potatoes, received during Winter, will be forwarded in Spring as soon as the weather will permit, which is usually about the first of April. They can be forwarded earlier, if desired, at the risk of the purchaser.

FARMERS GROW ROOTS AND SAVE YOUR HAY.



Lane's Improved Imperial Sugar Beet.

This superb variety is the result of a careful selection for several years past of the French Imperial Sugar Beet. After a satisfactory trial, we can recommend it with the greatest confidence as being hardier, more productive, and containing a greater percentage of sugar than the ordinary variety, and much better adapted for cultivation in this country, either for stock or the manufacture of sugar. We hear the most favorable reports from those who have tested it in various sections of the country, all of whom are satisfied of its superiority. It is the best beet raised for feeding cows or young stock. From thirty to forty tons raised to the acre, at a cost of from five to eight cents per bushel. The cheapness with which they can be raised, the large amount of healthy, nutritious food raised to the acre, and its great value as food for cattle, sheep, and swine, make this the most profitable root to raise. Four pounds is the amount usually required for one acre.

Price, 10 cents per ounce; 30 cents four ounces; \$1.00 per lb.

Bliss' Improved Long Orange Carrot.

This superior variety is the result of a careful selection, for successive years of the best-formed, largest and deepest-colored roots of the Imported Long Orange Carrot, by which it has attained a perfection hitherto unknown in this useful vegetable, being larger, better flavored, and of a deeper orange color, and more sure to produce a crop. Butter-makers will find this variety very useful in giving to their butter a rich, deep yellow color. We unhesitatingly pronounce it the best variety in the market, and one which will not fail to give satisfaction

to the purchaser. One oz., 15c.; four ounces, 40c.; one lb., \$1.25, by mail, post-paid.

BEET—(Mangel Wurzel.)

Sutton's Improved Mammoth Long Red.—The heaviest cropping Long Mangel in cultivation—seventy tons per acre were produced by an English agriculturist, some of the roots weighing 56 lbs. each. *Per oz., 10 cents; ¼ lb., 30; lb., \$1.00.*

Sutton's New Golden Tankard.—One of the most nutritious varieties in cultivation; flesh deep yellow, tankard shape. A splendid cropper; valuable for dairy farming. *Per oz., 10 cents; ¼ lb., 30; lb., \$1.00.*

Sutton's Prize Yellow Globe.—An extraordinary cropper of beautiful shape, neat top, fine, clear skin, single tap root, nutritive qualities, suitable for all soils. Very little labor is required in drawing and storing the crop. *Per oz., 10 cents; ¼ lb., 30; lb., \$1.00.*

Long Red Mangel Wurzel.—A large, long variety. It stands a good deal out of the ground. Color, light red; flesh, white and rose-colored; leaves, green, veined with red. *Per oz., 10; ¼ lb., 20; lb., 50.*

Mammoth Long Red.—A new variety, producing roots of mammoth size, very regular and with a small top. *Per oz., 10 cents; ¼ lb., 25; lb., 75.*

Carter's Warden Orange Globe.—A yellow Globe, unequalled for fineness of quality; has obtained many prizes at agricultural exhibitions in England; twelve well-shaped roots weighed 192 pounds. *Per oz., 10 cents; ¼ lb., 25; lb., 75.*

Yellow Globe.—A large, round, orange-colored variety, excellent quality, which keeps better than the Long Red, and produces better crops on shallow soil. *Per oz., 10; ¼ lb., 20; lb., 50.*

Obendorf Red and Obendorf Yellow.—Two new German varieties, of fine shape, which grow to a large size, and are very productive. *Per oz., 10; ¼ lb., 25; lb., 75.*

RUTA BAGA.

Improved American.—This variety is largely grown in this country by many of our most prominent agriculturists, both for the table and for feeding stock; flesh very solid; fine quality; keeps well until Summer. *Per oz., 10; ¼ lb., 25; lb., 75.*

Sutton's Improved Champion Swede.—A favorite English variety, which produced the last season 38 to 43 tons per acre. It is the hardest, the heaviest cropping, and the most nutritious variety grown, and has been awarded prizes wherever exhibited. *Per oz., 10; ¼ lb., 25; lb., 75.*

Pringle's Hybridized Potato Seed.

The extraordinary success which has attended Mr. Pringle in his attempts to improve this valuable esculent—which has resulted in the production of the **Snowflake and Alpha**, and last, though not least, the **Ruby**—has encouraged him to still greater efforts in his favorite pursuit of hybridization, and we have now the pleasure of offering a very choice strain of seed saved by him, which is the product of numerous hybridizations, variously operated, with every care during the past favorable season, between the above named and many of the best new and old varieties in cultivation, both English and American, and includes every strain, which Mr. Pringle will himself sow the coming Spring.

In order to encourage the cultivators of seedlings in this country, as well as in European countries, where the importation of the Potato is prohibited for fear of the Colorado Beetle—he has decided to offer his seed for sale, that all who desire may have an opportunity of giving it a trial, with the absolute certainty of producing varieties sure to equal, if not to excel, any hitherto offered. In order to prevent imposition, the seeds will be put up in sealed packets, with the *fac-simile*, of our signature upon each packet.

Packets containing 50 seeds, 50 cents each; 5 packets, \$2.00.

The following testimonial from one of the most successful growers of Potatoes in the country is a convincing proof of the wonderful productiveness of this seed: "Last Spring I obtained from C. G. Pringle, of Vermont, some of his hybridized potato seed; planted in the hot-bed the middle of April; transplanted to the open ground the tenth of May, and I dug from one plant ten and one-half (10½) pounds, and from another plant six (6) pounds nice large smooth handsome potatoes."

DIRECTIONS FOR SOWING POTATO SEED.—Sow under glass in very gentle heat, about the first of April; secure partial shade from the full sunlight; if the plants begin to crowd, transplant, to give them ample room; when danger from frosts is over, set them in the open ground, in rows three feet apart, two feet apart in the rows. With this treatment, they will, with good attention, attain to full size and maturity the first year.

Forrester's Potato Fertilizer.

Another season's use of this special Fertilizer for Potatoes, brings to us from farmers who have tried it, reports of its worth as a medium of increasing the crop, and we offer it with the utmost confidence that it will repay several fold all who give it a trial or use it extensively.

The claim we make, that it is much cheaper than stable manure, has been verified this year, as past seasons have demonstrated.

The use of this fertilizer leaves the land in good condition. It contains all the elements needed by the crop, and in the proper proportion. Many letters have been received by us enquiring its composition, and to these enquiries, and to all others, we give the information that it contains *Soluble Phosphoric Acid, Soluble Potash and Ammonia—Elements the Potato Crop needs*. Farmers have made the test in regard to the comparative value of this fertilizer with stable manure, and the unanimous opinion is that *one ton of Forrester's Potato Fertilizer is equal to 24 loads of stable manure*. Take the hauling of the manure into account, the Fertilizer is worth over \$70 per ton, as a farmer can take in his wagon in one load, what in manure, he would have to make 24 journeys after. The stable manure made on any farm in the Atlantic States is not sufficient for the requirement of each farmer's want, and either stable manure, or fertilizers, must be purchased to insure a full crop. This Potato Fertilizer meets the wants of the farmer—furnishes all the elements needed for the crop, and the crop yield is larger per acre, and the tubers smooth and seemly in appearance.

Where any fertilizer is applied at the rate of 250 lbs. per acre, it is insufficient to give an ample return. *Heavy fertilization pays*. The interest on the land, the cost of seed, and the labor in tilling is the same, whether a large or small quantity of fertilizers are applied, but where land is well fertilized, the returns are often three fold greater.

Our advice is, to apply, of Forrester's Potato Fertilizer 700 lbs. per acre, but those who have made the experiments, state that 1000 lbs. per acre pays them richly in the increased yield. One farmer in Kings County, N. Y., who applied at the rate of 1000 lbs. per acre, harvested 1,286 baskets of potatoes from a field of 2½ acres, the largest yield he ever had in an experience of forty years' farming.

We shall prepare it this season for growing *Early Potatoes*, and farmers will find it desirable for this purpose.

APPLICATION.

Planting in drills being the most common method of planting potatoes, the mode of applying this fertilizer is, to drop it along in the furrow, and then run a small plow through to mix the fertilizer with the earth, thus neutralizing it, because if coming in direct contact with the seed it is liable to destroy it, from the concentrated strength of the fertilizer. Farmers planting in hills can also mix it with the earth so as to keep the fertilizer from direct contact with the seed.

This article is packed in barrels of about 250 pounds each, (weight of barrel included), 8 bbls. to the ton. Price 1 bbl., \$7.00; 8 bbls., (1 ton) \$50.00.

Randolph's Hand Seed Sower.

For Sowing all kinds of Garden Seeds, from Peas down to the smallest Seeds, with accuracy and despatch.

It is easily operated by a lady or a child of ordinary intelligence, with a little practice. Highly recommended by some of our most experienced gardeners.

FIG. 1 shows a side view of the implement, with the manner of holding it in the hand, and position of the finger; A, hopper for containing the seeds to be sowed, inside of which is an agitator for discharging the seeds, connected with the lever D, to be kept in constant motion by the finger while in use; F, earth opener, by means of which a furrow is made for the seed; the removable sides H, are perforated with holes of various sizes, adapted for the different varieties of seeds to be sown; B, cover or lid; C, handle; D, finger lever; E, spiral spring to assist in the operation of the agitator.

Its cost is trifling compared with the advantages resulting from its use. The saving in time and seeds will undoubtedly repay the outlay in the planting of a single week. \$1.25 each. Sent by mail, post-paid, to any address in the United States upon receipt of \$1.50. A liberal discount to the trade or traveling agents.

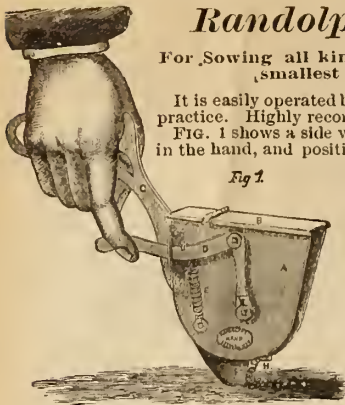


Fig 1

Randolph's Fertilizer Distributor.

Something that no Farmer can afford to be without. For distributing all kinds of concentrated fertilizers—as Phosphates, Guano, Ashes, Plaster, or Chemical Manures—without touching the material with the hands; a matter of some importance when caustic substances are used. One man can do the work of three by the ordinary method.

For a full description and directions for use, send for Circular, which will be mailed free to all applicants. Price, \$6. A liberal discount to the trade and traveling agents.



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Are Published during the year, and will be mailed to all applicants on receipt of prices affixed. Regular customers supplied gratis.

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