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# Henderson's "Pot-Grown" Strawberry Plants.



Set out before September 15,

# WILL YIELD A FULL CROP

-OF--

Luscious Strawberries
NEXT SPRING.

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We grow our strawberry plants in pots, they are much superior to the ordinary ground layers usually sold, as there is no loss of fine roots in taking them up, and they can be shipped safely to distant parts of the United States and Canada, and be transported at any season, and it scarcely checks their growth; consequently, if planted before the 15th of September, they will grow into large plants and bear a full crop of berries next spring, being a clear gain of a year over "ground layers," which is certainly worth more than the slight difference in first cost.

PERFECT

versus

IMPERFECT

Flowering Strawberries.

The blossoms of strawberries are either bi-sexual (perfect flowering) or are destitute of stamens and are termed pistillate or (imperfect flowering.) Pistillate varieties must have a row of a perfect-flowered sort, planted every nine or twelve feet apart among them, or, better yet, every third or fourth plant in the row, to pollenize their blossoms. When properly fertilized the pistillate varieties are the most prolific.

Complete Cultural Instructions mailed free, to those requesting them, on Receipt of Order.

# About Ordering, Remitting, Shipping, Etc.

HOW BEST TO REMIT.

Remittances should be made either in the form of an Express Money Order (which is the best and safest method of remitting), or a P. O. Money Order, Bank Draft or Registered Letter.

Customers can also shop by express, as all express companies have purchasing departments in all their offices. If you wish to order goods from us to be sent by express, ask for a Purchasing Order Blank at any express office, and it will be supplied and forwarded without charge, other than usual rates for returning goods.

If goods are wanted C.O.D., 25 per cent. of the amount must accompany the order.

Orders from unknown correspondents, not accompanied by a remittance, should send New York City reference, to save delay.

#### ABOUT PACKING AND SHIPPING AND NO CHARGE MADE.

We make no charge for packing excepting for cloth bags and no charge for cartage or delivery of goods to any railway station, steamship line or express office in New York City.

The safe arrival is guaranteed in good condition of all strawberry and vegetable plants, sent by express or mail where transit does not exceed three days.

#### HAVE YOUR PLANTS SENT BY EXPRESS.

They will reach you in better condition than by mail. We have secured for our customers from express companies twenty per cent. reduction in express rates on plants from New York. Heretofore they have been carried at the regular merchandise rate, but now they will be taken at a special rate, which is twenty per cent. less than merchandise rates.

# Peter Henderson & Co.,

35 & 37 CORTLANDT ST.,

ALFRED HENDERSON, Pres. CHARLES HENDERSON, Vice-Pres. and Treas.

NEW YORK.



L'THOUGH the Brandywine has only been offered to the public one year. Yet it is already world famous from the superlatively flattering reports in the Horticultural Press, from the experiment stations and from strawberry critics to whom a few plants were given for trial. It has been thoroughly tested in many parts of the country and has given universal satisfaction, in fact, we doubt if any strawberry ever before has received such enthusiastic praise over so wide an extent of territory. The berries of the "Brandywine" are of magnificent and immense size—very firm, solid and shapely for so large a berry. In general it is broadly heart-shaped without neck, occasionally fruits will be found shaped as if two berries were joined together; flesh red to the core, of delightful aroma, rich, juicy and lucious. The seeds are but slightly embedded which adds to its firmness. The color is of a rich dark glossy scarlet. Coloring uniformly all over, no white blotches nor green tips, and its large green calyx greatly adds to the attractiveness of the fruit. In productiveness the Brandywine strawberry is truly a marvel, both in size and quantity. The splendid large berries are borne on stiff stout stems, ripening in succession for a long period, from mid-season until the very latest, holding up its size to the last and every berry coming to maturity. The plants of Brandywine eremarkably vigorous, healthy and hardy, throwing out strong runners, the foliage is of the largest and thriftiest, entirely free from scald or blemish. Price, (for pot-grown plants that will bear a full crop of berries next spring), \$1.00 per doz., free by mail; \$0.00 per 100, or by mail \$6.50 per 100.

#### (From The Rural New Yorker:)

"The two new berries which we would specially commend to our readers are Brandywine and Timbrell. Both are abundant bearers, healthy and vigorous vines. Of the two, Brandywine will perhaps please the market best, because the berry ripens in every part uniformly. If we evere desirous of setting out a new bed for home use, we would plant, of all varieties in our collection, the Brandywine and Timbrell."

"Your crate of Brandywine strawberries were distributed among the following parties: Hon. I. Sterling Morton, Secretary of Agriculture; Hon. Donald McCraig, Chief Clerk, Dept of Agriculture; Mr. Wm. Saunders, Supt. of Grounds and Gardens; Members of the Division of Pomology; and Mr. William W. Leisher, one of the principal commission merchants of this city. All were delighted with the quality, beautiful color and firm condition of the berry. I know of no other large berry of the same uniform size possessed of as brilliant a color and as delightful a flavor. Samples of the foliage would be highly prized, as they are needed to complete our pointing of the berry." our painting of the berry

S. B. HEDGES, Pomologist of the United States Department of Agriculture, Washington, D. C.

PLANT: Strong, Luxuriant and Healthy.

"I do not know of any fault nor do I know any berry that produces all desir-able qualities in such great perfection.

"The best berry in

"It possesses mere good points than any other variety ever introduced."

#### BELLE.

# Bubach No. 5.

(Pistillate: Mid-season.)

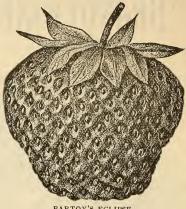
Probably the best known and most popular of all large straw-

The "Belle" or Lady Finger.

(Bi-sexual: Mid-season to late.)

(Bi-sexual: Mid-season to late.)

This new Strawberry was sent out by the originator for trial in 1893, as Thompson's No. 51. It has proved to be a most promising variety, and when given high culture it has merited the enthusiastic praise given it, and proven wonderfully productive and extrachoice. The berries are very large and long, averaging two inches, some even attaining a length of 2½ inches. They are usually necked and of very excellent quality color bright glossy red, deepening into crimson, the surface color permeating the entire fruit. The blossoms are as near frost proof as any variety known. The plants were in full bloom on May 14th, when there was a hard frost, and on the 15th, water froze ½ of an inch thick near the the plants, yet this variety was apparently uninjured, while other sorts were nearly ruined. We picked fruit from the "Belle" last season for 32 days, commencing June 1 th. Plants above medium size, perfect in vigor and habit, and without trace of rust or blight. (See cut.) Price, (pot-roun plants) 75c. doz.; \$5.00 100.



BARTON'S ECLIPSE.

# Barton's Eclipse.

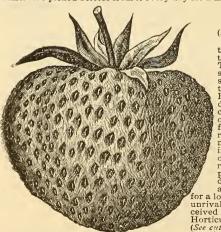
(Early: Pistillate.)

One of the best new sorts and will prove a standard berry. Originating in Kentucky and introduced as the largest berry in the world, and one that would yield enormously with good culture. It certainly has been growing in favor for four or five years, and some growers consider it the most valuable variety ever sent out. For healthy, vigorous growth and great productiveness, it is probably not surpassed. The fruit is very large, of roundish, conical form, sometimes uneven on the surface, of medium firmness, bright, dark glossy red, and of extra good quality. This with Parker Earle and Princess cannot be surpassed by any other



Bederwood, (Rackster.) Bi-sexual: Early.

A new and exceedingly valuable early strawberry. Conceded to be the best early berry for home use and worthy of great praise; probably the very best early variety ever introduced. It is not only very early, but immensely productive. The plant is faultless, of healthy, vigorous growth, and an enormous bearer, perhaps equal to any of the pistillate sorts in this reespect, the berries are of large size, of regular roundish form, light scarlet, of excellent quality, remaining in fruit a long time. We picked berries from it every day for a month last season. (See cut.) Price, (pot-grown plants), 6.c. doz.; \$4.00 102.



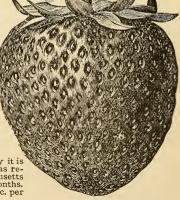
BEDERWOOD.

### Beverly.

(Bi-sexual: Mid-season to late.)

A new and grand medium-to-late berry that has proved to be a valuable acquisition. The fruit is perfection in shape and color and of very superior flavor, resembling that of the wild strawberry. superior navor, resembling that of the wild strawberry. Berry large, rounded conical, dark varnished crimson, colors all over, flesh pink and of fine texture. The plant is faultless, very vigorous, upright and healthy; and it remains in bearing from early in June until the latter part of July, the berries holding remarkably large to the last picking; a stonishingly productive and easily picked, and retaining its rich color for a long time. As a market berry it is unrivalled and sells on sight. It has received four prizes from the Massachusetts Horticultural Society within 13 months. (See cit.) Price, (pot-grown plants) 5cc. per doz.; \$3.50 per 100.

doz.; \$3.50 per 100.



BEVERLY.

### Charles Downing.

(Bi-sexual: Mid-season.)

The well known popular old reliable. It has no special point of wonderful merit, excepting surpasswonderful merit, excepting surpass-ingly fine flavor, but it almost invariably gives the best of satisfaction for home garden. For beauty, good average size and productiveness it is unsurpassed, and the plants do well in nearly all soils and locations. Fruit conical, fairly regular, bright crimson, firm, juicy, sweet and rich. Price, (pot-grown plants), 500.

#### Cumberland Triumph

(Bi-sexual: Mid-season.)

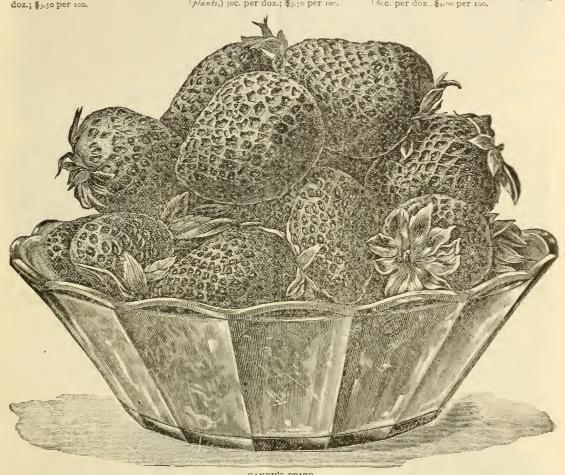
(Bi-sexual: Mid-season.)

An old standard variety and a great favorite, and cannot be too highly praised for home use. The plant is remarkably strong and luxuriant in growth. It is the earliest good berry. The fruit is bright and handsome, and very pleasing to the eye; the flavor is good either as a table berry or for preserving. One of the best features about this berry is its long and continued season of bearing, lasting, as it does each son of bearing, lasting, as it does each year, from a period of from twenty-five to thirty days and the last fruit quite as large as the first. Price, (poi-grown plants,) 500. per doz.; \$5.50 per 100.

#### Greenville.

(Mid-season to late. Pistillate.)

Mid-season to late. Pistillate.)
Berry of large and uniform size, very regular in shape and borne in immense clusters. It ripens very evenly and is highly attractive. The flesh is of fine texture; flavor very sweet with an aroma that is simply delicious. The plant is almost faultless. Vigorous, healthy grower and a wonderful producer. No one need hesitate to plant the "Greenville," as it is now practically a standard sort, having been tested over a wide extent of country, and is very favorably commented upon by all who tried it. Price, (pot-grown plants.) 6cc. per doz... \$4.00 per 100.



#### GANDY'S PRIZE.

### Eureka.

(Pistillate. Mid-season to late.)

"You will find this the most beautiful berry you ever saw." Averaging extremely large, and bountifully prolific; color, varnished scarlet and of splendid quality. It commences to ripen with the mid-season varieties and continues to bear until very late. It has been extensively tested by prominent horticulturists and at State Experiment stations, and all endorse it with most flattering reports. To test its fruiting capacity in the matted row system, plants were placed as close as they would grow; the resulting crop of berries were produced in such heaps and piles that many people came to see the wonderful sight. Price, (pot-grown plants,) 5cc. per doz., \$3.50 100.

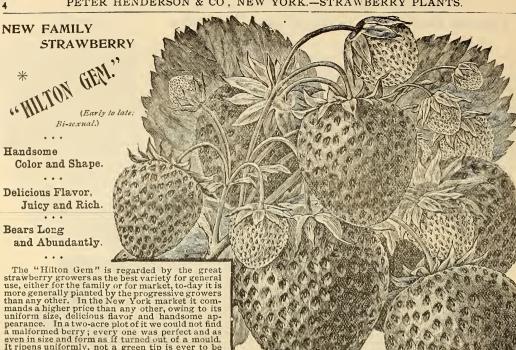
# Gandy's Prize.—The Gandy.

(Bi-sexual, Late.) One of the best late strawberries ever introduced. Strictly fancy. The fruits are uniformly large and perfect in form, and firm; color, bright crimson and as glossy as if varnished; it has a large bright green calyx which greatly adds to the beauty. This is the latest and best flavored berry we have yet seen. The quality is all that can be desired, giving out a most delightful aroma, suggestive of both strawberries and peaches. It ripens from late to very late. The plants are very vigorous growers. In well fertilized soil this berry is a big yielder. (See cut.) Price, (pot-grown plants,) 6.c. per doz., \$4.00 per 100.

# Edgar Queen.

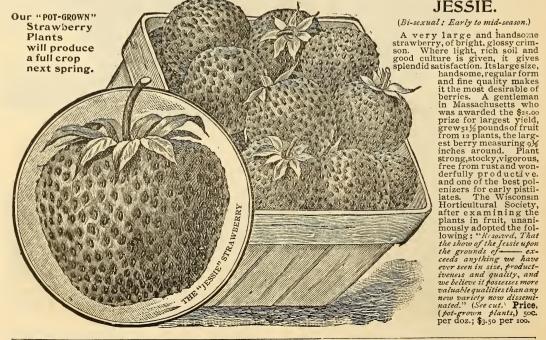
(Pistillate.)

This is the result of a lifetime devoted to improving the strawberry. The originator selected this as the very best from a lot of 5,000 plants grown from the seed. It is unrivalled in productiveness and is probably the most beautiful berry ever raised. The largest single berry we ever picked was from this variety and it measured seven inches around. We have selected berries over 2½ inches in diameter, 16 of which filled a quart basket and weighed one pound. The flavor is very sweet, and they are red way to the core; plant all that could be desired—healthy, robust, and very productive. Price, (hor-grown plants,) 600, per doz.; \$1,00 per 100. This is the result of a lifetime devoted



even in size and form as if turned out of a mould. It ripens uniformly, not a green tip is ever to be found on it; the color when ripe is a glossy crimson scarlet. It is medium in size, juicy and solid to the centre and of a delightful flavor; in fact, this is one of its excelling merits, and is the cause of its having been in demand by the finest hotels and private families in New York since the fruit was first sold there. It is an all season berry, ripening early and bearing late, perfecting its fruit to the last berry as perfectly as the first one.

It is growth is strong but not rampant, thus allowing the berries to ripen well and evenly. It is an abundant bearer, yielding as much per plant as the most prolife, and on account of its prolonged fruiting is more valuable than those which perfect their crop in a shorter period. It is a staminate or perfect flowered variety, and therefore can always be depended upon to produce a crop; in fact, after a close study of it for the past two years, we are convinced that it has no rival as a good all-round strawberry for the family—one that is certain to give satisfaction. Price, (pot-grown plants) 75c. per doz.; \$5.00 per 100.



JEWELL

#### JEWE

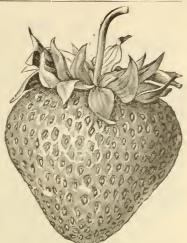
Lovett.
(Bi-sexual: Early to mid-season.)

Fruit large, firm and handsome, a decided beauty. In productiveness it excels all other varieties we have ever fruited, succeeding every-where, even upon poor, light land. We do not claim for it mammoth size, but averaging large and uniform, holding its size to the close of the season better than any other varieties; the berries color all over at once. It gave us ripe fruit on May 22d, and continued until the close of the season. At a single picking it does not give as much fruit as some varieties that go quickly, but from first to last we have never seen a strawberry yield so much fruit. The agricultural papers and State Experiment Stations all speak highly of it. Its value is increased from its being a splendid pollenizer for mid-season pistillates. (See cut.) Price, (705grown plants,) 50c. per doz., \$3.50 per

### Jewell.

(Mid-season. Pistillate.)

A wonder among strawberries when grown on heavy, rich soil in hills and highly cultivated, with a bisexual variety to pollenize it; under such conditions it is the most productive variety grown. From single plant at one picking we have filled a quart basket heaping full. The berries are very large, well formed and exceedingly showy; color, rich crimson, flavor delightful. It is a luxuriant grower; single plants have covered a space 7 feet in circumference. (See cut.) Price, (pot-grown plants,) 60c. per doz., \$4.00 per 100.



JUCUNDA IMPROVED.

# Jucunda Improved.

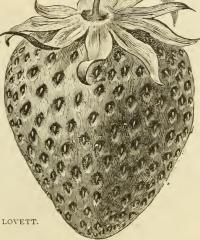
(Mid-season. Bi-sexual.)

One of the finest and most attractive of strawberries, excellent for the home garden and for markets where large, fancy fruit is in demand. It is a seedling of the old Jucunda and an improvement upon it, possessing all its good qualities, with a plant as strong, vigorous and enduring, and as free from disease as the old reliable Wilson. The plant is also a prolific bearer. Those who are mourning the absence of the magnificent but capricious old Jucunda, would do well to try this. Price, (potgrown plants,) 6oc. per doz., \$4.00 per 100.

### Mary.

(Pistillate. Mid-season to late.)

One of the largest strawberries yet produced; the most prolific, the most beautiful. The berries are uniformly of the conical form shown in the illustration, exceptionally uniform in size and shape, deep crimson color, and of extra rich, high quality, and keeps long when ripe, the berries retaining their large size to the end of the season. The fruit is rarely ill-shaped, never coxcombed—an We have had it in bearing for three con-

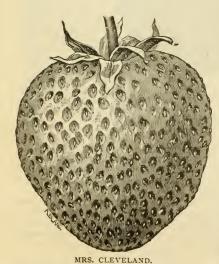


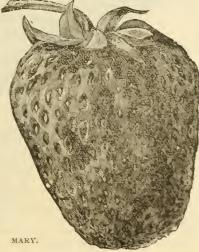
unusual feature in a large berry, secutive years and it has not developed a single defect. (See cut.) Price, (pot-grown plants,) 75C. doz., \$5.00 100.

### Mrs. Cleveland.

(Pistillate. Early.)

Beautiful, extra large and fine berries of luscious flavor and very uniform shape; color, attractive light scarlet, only moderately firm but a splendid home berry. The plant is a very rugged grower, bearing abundantly on stout, short fruit stems. It has given excellent satisfaction wherever tried over a wide range of country and yields far in excess of many of the leading older kinds. (See cut.) Price, (Pot-grown plants,) 60c. per doz., \$4.00 per





Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail add 5cc, for postage,

ALWAYS the PRIZE TAKER.

# The New "Marshall" Strawberry.

(Bi-sexual. Mid-season.)

14 BERRIES to a , QUART.

The berries are very beautiful and average extraordinarily large—often 14 fill a quart measure. As an exhibition berry and for home use it is peerless—it captures the prize wherever exhibited almost without exception. It is the first of the extra large varieties to ripen, and although of great size the fruit is rarely ever misshapen. The color is a rich glossy crimson, that everyone admires—the surface color running well into the flesh, and the quality is far above the average. As to productiveness, it will not yield as large a number of berries as some varieties, but when measured in quarts or bushels, will be above the average. The plant is faultless, a strong grower, often standing 20 to 22 inches high, rooting deeply and standing draught well. The large luxuriant foliage is sufficient to protect the blossoms from frost. (See cut.)



MICHEL'S EARLY. (Bi-sexual. Extra early.)

Michel's Early is the earliest variety of strawberry in cultivation that will produce a full crop of berries. On our grounds, this late season, we picked ripe fruit on May 23d, or ahead of any other sort on the market out of nearly 200 varieties in our trial beds.

The originator says this is the only strawberry entitled to be called "early," being two weeks earlier than any other variety. It is a robust, strong grower, rooting deeply, and throwing large luxuriant foliage on long stems with never a trace of rust or mildew. It yields bountifully, being as productive as the Crescent; berries medium to large, handsome, regular conical form, color light scarlet, flavor exquisite, pronounced by all who have tested it equal to that of the wild strawberry. Michel's Early has an added value of being an early and long bloomer, and is a fine sort to pollenize early pistillates. Price, (Pot-grown plants) 50c. per doz.; \$3.50 per 100.

Strawberry Plants mailed free at the dozen price, but to the 100 price, if desired by mail, add 50c. for postage.

### Parry.

(Bi-sexual: Mid-Season.)

A seedling of the Jersey Queen, which it resembles, but is better. Fruit uniformly large, firm, beautiful in color and of excellent quality. Berries run large to the end of the season. A strong grower. Price, (pol-grown plants,) 500. per doz., \$350 per 100.

### Porter's Seedling,

The Earliest Strawberry Grown.

(Bi-sexual: Extra Early.)

This variety is chiefly valuable on account of its extreme earliness. Out of nearly 200 sorts in our trial grounds, this for two seasons has given us ripe berries several days ahead of any other; the berries are of good size, bright red and fair flavor. If you want to have strawberries before your neighbor, you should grow a few of Porter's Seedling. Price. (pot-grown plants,) 75c. per doz., \$000 per 100.



PRINCETON CHIEF.

# Princeton Chief.—(New.)

(Bi-sexual: Mid-season to late.)

The Sweetest of Strawberries.

A tall luxuriant grower, with large, dark green foliage, free from rust or disease, very proline, enduring extremes of heat or cold. It has been tested on different soils for six years; it will grow on any soil the same as the Crescent. The blossom is large and perfect and always sets perfect fruit.

cent. The blossom is large and perfect and always sets perfect fruit.

The fruit is produced in great abundance on tall, stout stems, which stand up from six to eight inches the entire season, holding its load of berries from the ground so they do not get dirty, rotten or scalded. The fruit is given the best chance to mature and ripens all over at once, leaving no green spots or white tips. It is beautiful in color, being of a dark glossy red, which alone will make it an ornament for any table. They are so beautiful in appearance that the moment they are put on the market they will sell for the highest price. The flavor is delicious and very sweet; being one of the sweetest of strawberries, it can be called the honey strawberry; while its fine armatic flavor, resembling that of the wild strawberry, makes it one of the most delicious of berries. Price, (pot-grown-plants,) 75c. per doz., \$5.00 per 100.

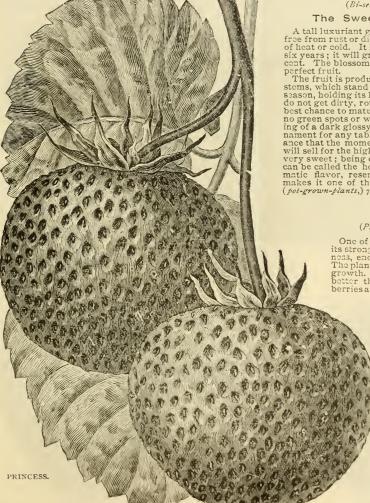
#### Princess.

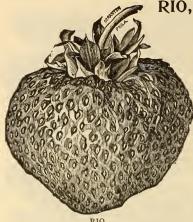
(Pistillate: Mid-season.)

One of the best strawberries ever introduced, its strong points being wonderful productiveness, enormous size and attractive appearance. The plants are hardy, vigorous and of luxuriant growth. It roots deeply and stands drought better than almost any other variety. The berries average remarkably large, some having been produced over six inches is

been produced over six inches in circumference. It is uniformly perfect in form, ripens all over at once and holds up its size well to the end of the season, and its quality is excellent. It was named by the Minnesota Horticultural Society (in whose state it originated) and at the same time it took first prize over fifteen other new seedlings. It has invariably taken prizes wherever exhibited. In Mr. Kramer's, the originator's grounds, a strip 33 feet long by 5 feet wide, when visited by the State Experiment Station's representatives, yielded at that picking 61 quarts, and by actual count three of these quarts contained 18, 20 and 22 berries respectively. At the next picking this same strip yielded 25 quarts, and this record was by no means the best.

Price, (pet-grown plants) 60c. per doz., \$4.00 per 100.

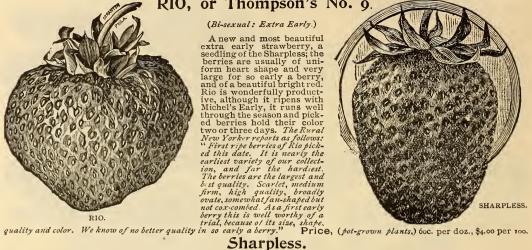




RIO, or Thompson's No. 9.

(Bi-sexual: Extra Early.)

A new and most beautiful extra early strawberry, a seedling of the Sharpless; the



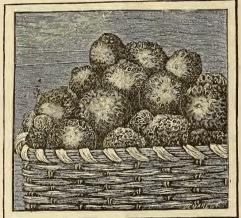
Sharpless. (Bi-sexual: Mid-season.)

An old variety but still one of the most popular. Plant exceedingly vigorous and hardy enduring both heat and cold without injury, very productive. Fruit extra large, light crimson, firm and of good quality. A profitable and reliable variety for either market or home. (See cut.) Price, (pot-grown plants) 50c. per doz., \$3.50 per 100.

# The "Shuckless" Strawberry.

(Bi-sexual: Mid-season.)

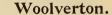
This is the most remarkable strawberry ever introduced, possessing the peculiarity when ripe of parting readily from the calyx or "shuck" which remains on the stem of the plants as the berries are picked. The berries are ready for the table as soon as picked, thus obviating a tedious and disagreeable task, a feature quickly appreciated by house keepers. The plant is a strong, luxuriant grower, hardy, producing abundantly very large berries of uniform, obtusely conical shape and of a bright crimson color, and of the best quality. ical snape and or a bright crimson color, and of the best quality. As a market berry it is very salable, bringing more money per quart than others on account of its fine appearance. Price, (potgrown plants,) 50c. per doz., \$3.50



SHUCKLESS.

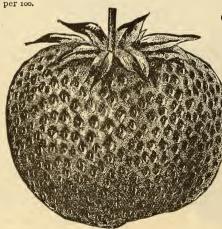
# Shuster's Gem. (Pistillate: Early to Mid-season.)

A magnificent variety. A magnificent variety. The berries are large to very large, of globular mould, remarkably regular and uniform in size and shape, of excellent quality, quite firm, and of the most vivid scarlet imaginable. It ripensearly to mid-season, holding on late and maintaining a good size to the end. Its cardinal virtues are, howgood size to the end. Its cardinal virtues are, however, strong robust plants, great beauty, large size and wonderful productiveness; for distant markets it is not firm enough, but it is a most profitable but it is a most profitable variety for near market and unequalled for the home garden. No need to ask whether it prefers and yor clay soil; it will grow just where planted if any variety will. Price, (pot-grown plants.) 50c. per doz., \$3.50 per 100.

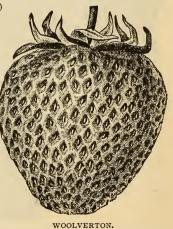


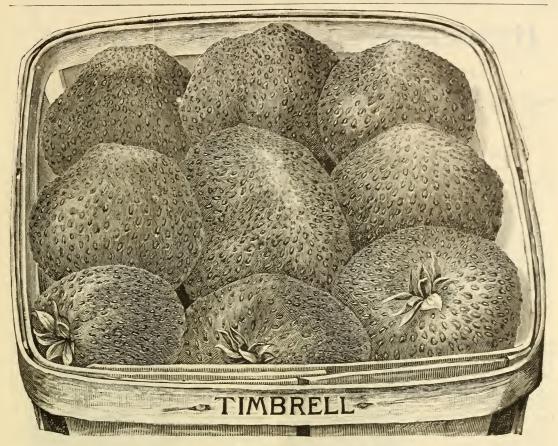
(Bi-sexnal: Mid-season to late.)

It is becoming immensely popular wherever tried. It succeeds in all soils and localities in hills and matted rows, and is unexcelled for home use, for market or for a showy berry. It is a fine healthy grower remaining green and healthy all summer, and is a great bearer. The blossom is perfect, and it remains in bloom a long time. In fact, it always matures a part of its crop before it is done blooming. This is a valuable characteristic, because it will prevent any great loss by It is becoming immensely popvaluable characteristic, because it will prevent any great loss by a late frost and also make it a great variety to plant with pistillates. Fruit extra large, often inches in circumference, roundish, conical, rarely misshapen, firm and of rich fine flavor, color a beautiful bright red. "The Hatch Experiment Station Report" states that Woolverton was ahead of 96 varieties tried for productiveness and size. (See cut.) Price, (pol-grown plants,) 60c. per doz., \$4.00 per 100.



SHUSTER'S GEM.





QUART BASKET OF TIMBRELL PHOTOGRAPHED FROM NATURE.

# TIMBRELL.—The Queen of Strawberries. (Pistillate: Late.)

The Timbrell is considered by many eminent authorities as the best strawberry in existence—it certainly is the best late pistillate, and seems perfection in every way—it is destined to become wonderfully popular when further disseminated as reports from those who have grown it, enthusiastically praise it. The magnificent berries are borne in immense clusters often 26 to 30 berries to a stem, and are of the largest size and delightful flavor, rich, juicy and sprightly; by some thought the finest quality of any strawberry in cultivation. In shape nearly round and generally very symmetrical, very solid and meaty; color, very dark crimson, a litt'e patchy at first, but when fully ripe, a solid crimson; those who have the means of knowing say that it will endure more wet weather without injury and will keep longer before or after picking than most varieties; it is very late in blooming, and, in consequence, the flowers are not liable to injury from late frosts. The fruit also ripens very late. The plants

are pictures of health and strength and vigor, and are so distinct that they can be picked out of a hundred varieties at a glance. "On account of the Timbrell being a pistillate variety it should have some late flowering bi-sexual sort, such as Brandywine, Yale or Gandy planted every third row to pollenize the blossoms." **Price**, (pot-grown plants), 75c. per doz., \$5.00 per 100.

The Rural New Yorker in issue of June 15th says: "... If we were desirous of setting out a new bed for home use, we would plant of all varieties in our present collection the 'Timbrell' and Brandywine, and if confined to but one of the two, WOULD CHOOSE the TIMBRELL ON ACCOUNT of its EXCELLENT QUALITY."

#### Yale. (Bi-sexual: Very late.)

A very late variety of great merit requiring hill culture and rich soil for best results; plant, vigorous, a heavy bearer. Fruit of good shape, large and round; very solid with all the seeds on the surface. Color deep dark red running through the flesh. In quality it is superior, sprightly, delicious and a great favorite for table, market or canning. One quart will impart a rich color to four or five quarts of any other. It is, one of our best late varieties, adding 10 to 12 days to the strawberry season.

Price, (pot-grown plants), occ. per doz, \$4.00 per 100.



# HENDERSON'S CELERY PLANTS.

Supplied between June 15th and August 25th.

We are unquestionably the largest raisers of celery plants in the world, and our methods are such that we invariably have the plants in the finest possible condition.

# We draw special attention to our Transplanted Celery Plan's.

The result of transplanting is seen in the dense mass of fibrous roots that these plants possess, and on this account with ordinary care they are much easier to transplant and are more certain to do well.



HENDERSON'S NEW PINK PLUME CELERY.

# Henderson's New "PINK PLUME" Celery Plants.

The most beautiful Celery that ever graced a table. Flavor most delicious, crisp and nutty. The first and the last Celery that is fit to use. : : : :

This new variety merits more than ordinary praise; it is an intermediate between white and red celeries, combining the good qualities of both. It is practically identical with our "White Plume" but with the added merit of the solid succulent stalks of ivory white being exquisitely suffused with pink and possessing the crispness, rich nutty flavor, and long keeping qualities for which red celeries are noted.

ness, rich nutty flavor, and long keeping qualities for which red celeries are noted.

"PINK PLUME," in addition to its choice "red celery flavor," is a celery of remarkable attractiveness when trimmed for the table.

It is a strong, healthy compact grower, with no tendency to rust; extra early and long keeper, remaining when properly trenched in perfect condition away into the spring. It is a self-blanching variety, that is, it requires but a slight earthing-up or banking to prepare this variety for the table.

#### PRICES OF HENDERSON'S NEW "PINK PLUME" CELERY PLANTS.

#### CELERY PLANTS PRICES DESCRIBED ...BELOW.

(Packed free of charge, and arrival in good condition guaranteed for a journey of not over three days.)

Plants from Seed Beds, \$3.50 per 1000; 50 cents per 100; or by mail, 60 cents per 100. Transplanted Plants, \$6.00 per 1000; 75 cents per 100; or by mail, 90 cents per 100.

(500 plants supplied at the 1000 rate)

### Henderson's Perfected White Plume

The Only True Self-Blanching Celery.

One of our most valuable contributions to horticulture. People who never grew celery before have no more trouble in growing and blanching Henderson's White Plume Celery ready for the table, than in growing ordinary garden vegetables, for no "banking up" is necessary. The peculiarity of this variety is that the stalk, portions of inner leaves and heart are white, naturally, so that by simply ticing the plant together, or by drawing the soil against it, pressing it with the hands and then repeating the operation to hold the soil already placed against the plant in position, the work of blanching is completed. Henderson's White Plume Celery is crisp, succulent and has a delicious, nutty flavor Unfortunately the variety has always had a tendency to revert to the old green type, and it has always produced a proportion of green plants, but per-severing selection for years enables us now to offer an almost absolutely pure stock, so superior that we feel justified in calling it "Henderson's Perfected White Plume." (See top of page for price of plants.)

#### Henderson's Golden Dwarf.

In size and habit of growth it is much the same as the above, except that when blanched, the heart, which is large and full, is of a waxy golden yellow, rendering it a most striking and showy variety for either market or private use. It is entirely solid and of most excellent flavor, and one of the best keepers during winter we have ever known. (See top of page for price of plants.)

#### Boston Market.

A great favorite around Boston. The leaves are dark green, the stalks when blanched nearly white. is an excellent variety, solid, crisp and tender. (See top of page for price of plants.)

#### Henderson's Half Dwarf.

Blanches of a yellowish white, it is entirely solid, possessing a rich, nutty flavor, while it has much vigor of growth, surpassing most of the large growing sorts in weight of bunch. (See top of page for price of plants.)

#### Golden Self-Blanching.

A most valuable variety which partakes somewhat of the character of the celebrated "White Plume," inasmuch as it does not require such high "banking up as the ordinary sorts to be fitted for the table. It simply needs a slight earthing up or "handling." It is of a beautiful waxy golden color, very solid and of rich nutty flavor. (See top of page for price of plants.)

#### Giant Pascal.

This variety is a selection from the Golden Self-Blanching Celery; it partakes of the best qualities of that variety, but is much larger and a better keeper. It is of a fine nutty flavor, being entirely free from any bitter taste. It grows about two feet high; the stalks are very broad, thick and crisp, and entirely stringless; the width and thickness of the stalks are distinctive features of this variety. It bleaches with but slight "earthing up" and very quickly, usually in five or six days. A most valuable variety for both early and midwinter use. (See top of page for price of plants.)

#### Giant White Solid.

The best of the larger growing sorts attaining a height under good cultivation of 3 feet. It should never be planted closer than 4 feet between the rows, or it cannot be worked properly. This variety is most suitable for southern sections of the country, as it grows freely in a hot or dry atmosphere. (See top of page for price of plants.)

# RED CELERY.

We have tried to impress upon our customers, for years, the superiority of Red Celery over White. Not only are they better flavored and more crisp, but they are hardier and keep better during winter.

### Henderson's New Rose Celery.

Has that nutty flavor so desirable in celery, very ornamental on the table, the delicate tracing of carmine blending with the white in the blanched stalks. (See top of page for price of plants.)

### Major Clark's Pink,

Of medium growth, of stiff, close habit, large heart, remarkably solid and crisp, and of fine, walnut-like flavor. (See top of page for price of plants.)

# Collections of Celery Plants.

Packed free of charge and arrival in good condition guaranteed for a journey of not over three days buyer pays carriage.

Collection A .- 500 plants 50 each of the ten varieties offered on pages 10 and 11, for \$2.50. Transplanted Plants \$3.50.

Collection B.-1,000 plants, 100 each of the ten varieties offered on pages 10 and 11, for \$4.50. Transplanted Plants \$6.50.

We will include free of charge, with either of the above collections,

Peter Henderson's "Essay on the Growing and Preservation of Celery for Winter.

# VEGETABLE PLANTS.

Ready from June 15th to August 1st. The For SUMMER Planting.

Special prices given on application to buyers of 5,000, 10,000 or 20,000 lots.

# CABBAGE PLANTS



CABBAGE.

### Henderson's Early Summer.

Ten days later than Wakefield, but double the size the best large early Cabbage.

#### Selected Late Flat Dutch.

This valuable variety will be found one of the most satisfactory strains of Late Cabbage ever grown.

#### Fottler's Improved Brunswick.

A second Early and Late variety.

Henderson's Autumn King.

The Finest of all Winter Cabbages. It is the finest Late Cabbage in this country to-day, an entirely distinct variety, and the best keeper we have ever seen; it produces enormous solid heads of dark green, and has such small outer leaves that it can be planted much closer together than the ordinary late sorts, and be relied upon to produce a greater weight of crop per acre than any other variety. A distinctive feature of the AUTUMN KING is the peculiarly crimped leaves, which not only add to its appearance, but enable it to be distinguished anywhere. Price of Plants; \$4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

#### Henderson's Succession.

By experts it is pronounced the most perfect type of cabbage grown; nearly every Cabbage heads up, of a uniformly perfect shape, large and heavy. Although largely grown for midsummer use it is most valuable as a fall or winter variety, as its firm, solid heads, make it an excellent keeper. Price of Plants: \$4 00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

#### Drumhead Savov.

Of much finer flavor and quality than other Cabbages, grown in fall and allowed to be touched by frost, it is one of the most delicious of all vegetables.

#### Red Dutch.

Used almost exclusively for pickling. It is one of the hardiest of all Cabbages.

Prices, (except specially mentioned) \$3.50 per 1,000; 50c. per 100; or by mail, 65c. per 100.

# Cauliflower Plants.

Best Varieties For Fall Heading.

#### Henderson's Early Snowball.

Superior to all others for either market or family gardens. every plant will form a perfect snow-white head, averaging nine inches in diameter; its compact habit enables one-third more to be planted on the same space of ground than can be done with any other variety. Price of Plants: \$7.50 per 1,000; 85c. per 100; or by mail, \$1.00 per 100.

#### Large Late Algiers.

It is now extensively grown for fall use; large fine heads. Price of Plants: \$6.00 per 1,000; 75c. per 100: or by mail, 90c.



CAULIFLOWER.



KOHL RABI.

- (G) 15 + 1

# Miscellaneous Vegetable Plants.

Celeriac Plants.—(Turnip Rooted Celery.)

Large Erfurt. Price \$4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

#### Kohl-Rabi Plants.

Early White Vienna. Price \$4.00 per 1,000; 50c. per 100; by mail 65c. per 100.

#### Brussels Sprouts Plants.

Dwarf Improved. Price \$4.00 per 1,000; 50c. per 100; by mail, 65c. per 100.

#### Kale or Borecole Plants.

Dwarf Green Curled Scotch. Price \$4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

Brown German Curled or Purple. Price \$4.00 per 1,000; 50c. per 100; or by mail, 65c. per 100.

# ROSES FOR WINTER BLOOMING.



ON THIS page we offer the best varieties for winter forcing in the greenhouse. These are the sorts grown for the New York market and cannot be surpassed for that purpose. They are also among the best for summer blooming.

Our essay on Winter-flowering Roses will be sent free to those applying for it.

American Beauty. In "American Beauty" we have a hardy Rose of the largest size, having the ever blooming qualities of the Tea Rose with the delicious odor of the Damask or Moss Rose consequently equally valuable for winter or summer flowering. In color it is a deep, brilliant pink, shaded towards the centre with rich carmine crimson. 40c each; \$4.00 per doz.; \$25 00 per 100

**Bon Silene**. An old favorite and still wanted by many. Beautiful carmine pink buds, exquisite fragrance.

**Bridesmaid.** Another Rose of American origin, a 'sport' from C. Mermet, and possessing all the good qualities of the parent variety. It surpasses it in color, being a deep, brilliant pink and corstant in color under all conditions. It is invaluable for winter forcing.

**Catherine Mermet.** This charming Rose deserves and receives recognition from all Rose lovers. The color is a delicate rosy pink unapproached by any other. The buds are large, long and pointed, of great substance and most delicious fragrance.

**Christine de Noue.** A new Tea Rose of pronounced merit, largest size, full and double and remarkably fragrant. The color of the flowers is brilliant red at the base of the petals, toning upward to brilliant rose-madder and lessening to light rosy pink toward the edges.

Kaiserin Augusta Victoria. A Hybrid Tea Rose, soft pearly white, lightly tinted with lemon in the centre, just enough to relieve the white; remarkably fragrant, a strong, healthy grower, with bold, beautiful foliage. The habit is free; the beautiful, perfectly shaped flowers are borne in profusion on long graceful stems, so that it will be invaluable for cut flowers.

La France. A large and beautiful Rose. Color, peach-blossom pink shaded silvery rose.

Madame de Watteville A grand rose for winter blooming. Color, beautiful shell pink deepening to bright rose at the edge of the petals, the body of the flower being creamy white.

Maman Cochet. The growth is free and vigorous, very free-blooming, flowers of splendid substance and a delightful shade of deep pink. The buds are long and pointed, full and firm, lasting a long time when cut.

Madame Hoste. This is a creamy white shade with a clear amber centre, a handsome Rose, and is never out of bloom. Whether wanted for summer or winter flowers this excellent variety cannot be surpassed.

Mrs. Pierpont Morgan. We have no hestation in saying that this is one of the very finest Tea Roses ever produced in America. It is a sport from Madame Cusin, and is in every way very much superior to that variety, being a much more robust grower; the flowers are very much larger and very double (many measured  $4\frac{1}{2}$  inches through when in perfection); with much larger foliage than its parent, it is also much more prolific; the petals are broad and massive. The color is intensely bright cerise, or rose pink, with porcelain rose shadings. Price, 40c, each; \$4.00 per doz.; \$25.00 per 100.

**Meteor.** This is a remarkably rich, dark velvety crimson Rose; so dark, indeed, that under certain conditions it is blackish crimson. For winter flowers it is rapidly becoming the most valuable variety on the market.

Perle des Jardins. No Rose of its color is more valuable than this. Tens of thousands of it are grown in the vicinity of New York for winter flowering; it is equally valuable for summer as it flowers continuously. Its color is a rich shade of yellow; large size and perfect form, Tea fragrance a healthy, free grower, and unequalled in profusion of bloom.

**Senator McNaughton.** A "Sport" from that grand yellow Tea Rose, *Perle des Jardins*, ivory white in color, and popularly known as the "White Perle." It is a very pretty Rose, distinct from all other white Roses in its satiny texture. A very beautiful Rose and worthy of a place in every collection.

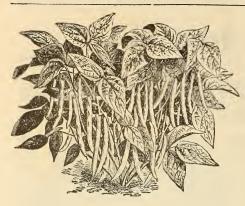
**Souvenir de Wootton.** This superb Rose is unquestionably one of the finest varieties ever introduced for either summer or winter blooming. The color is a beautiful shade of crimson, deliciously fragrant, a constant and most prolific bloomer, every new shoot forming a flowerbud.

**Souvenir d'Un Ami.** A very free blooming light pink Rose and highly esteemed by a great many.

**Sunset.** This exquisite orange-yellow variety is one of the finest Tea Roses grown. The flowers are large and double. The exquisite shades of coloring found in this variety can only be compared to the gorgeous colors of a summer sunset; hence the name. It is deliciously fragrant, a stronggrowing and free-flowering variety.

The Bride. "The Bride" is a pure white Rose of large size and most perfect form. This variety has the most delicious Tea fragrance, and is a strong-growing, free-blooming Rose either for summer or winter flowering.

Price for any of the above (except where specially priced) strong plants from 4-inch pots, 25c. each, \$2.50 per doz., \$18.00 per 100. Full set of 18 Roses for \$3.50.



A List of SEEDS.



Particularly Adapted for Summer and Fall Sowing.

# WE DELIVER FREE

AT THESE PRICES TO ....ANY POST OFFICE

A deduction of 7c. per pint or 15c. per quart may be m de

THE United States.

BEANS, DWARF GREEN PODDED.

All Vegetable Seeds offered in this Catalogue by the packet, ounce, ¾ lb., pound, ½ pint, pint and quart.

When Peas, Beans and Sweet Corn, by the pint or quart, are sent by freight or express, at purchaser's expense, A DEDUCTION of 7c. per pint, or 15c. per quart, may be made.

Purchaser pays transit charges only on pecks, bushels and barrels, and on Farm Seeds, Tools, Implements, Insecticides, etc., also on Strawberry and

and on Farm Seeds, Tools, Implements, Insecticides, etc., also on Strawber Vegetable Plants by the 100 and 1,000.

from the pint and quart price only if wanted by express or freight, purchaser paying transit.						
	pkt.	pt.	gt.	pk.	bu.	
	China, Early	20	40	1 15	4 00	
	Dwarf Case Knife	30	45	I 75	5 50	
	Dwarf Horticultural	25	45	I 35	4 50	
	Longfellow	50	80			
	Long Yellow Six Weeks	20	40	1 15	4 00	
	Mohawk, Early	20	40	1 15	4 00	
	Refugee, Extra Early	25	45	1 35	4 50	
	" or 1,000 to one10	20	40	1 15	4 00	
	Walentine, Henderson's Ear-					
	liest Red 10 " Early Red 10	25	45	1 35	4 50	
	Daily Red	20	40	1 15	4 00	
	" White	25	45	1 35	4 50	
		30	50	2 00	7 00	
2	BEANS, DW'F WAX OR Y			PODD		
	½ pt.	pt.	qt.	pk.	bu.	
	Black Wax, or Butter 10	25	45	1 50	5 00	
	Cylinder Black Wax10	30	50	1 60	5 50	
	Flageolet Wax	30	45	1 бо	5 50	
	Golden Eyed Wax10	25	40	1 50	5 00	
	Golden Wax	25	45	1 50	5 00	
	" Improved10	30	50	1 бо	5 50	
	Refugee Wax	30	50	1 75	6 50	
	Wardwell's Kidney Wax10	25	40	1 50	5 00	
25	BEET.	1-4		¼ 1b.	1b.	
	Aulinotes Toronous d	pkt.	oz.			
	Arlington Improved	10	15	25 20	70	
	Blood Turnip, Early		10	20	55	
	Dewing's Improved		10	20	55 65	
	Eclipse		10	25	70	
	Edmand's		10	25	60	
	Egyptian		10	20	50	
	Electric		20	40	1 25	
	Henderson's Half Long		20	40	1 25	
	Long Smooth Blood		10	20	55	
**	_				55	
BEET, MANGEL WURZEL.—(See page 18.)						

	CABBAGE. pkt.	oz.	¼ 1b.	1b.
	Early Spring (Henderson's)20	I 50	5 00	
	Early Jersey Wakefield (Hender-		,	
	son's) 5 Charleston Wakefield (Hender-	30	I 00	3 00
	son's)	40	1 25	4 00
	Early Summer (Henderson's) 5	25	80	3 00
	Fottler's Imp'd Brunswick 5	20	60	2 00
	Succession (Henderson's)	40	1 25	3 50
	Autumn King (Henderson's)10	40	1 25	3 50
	Premium Flat Dutch 5	20	60	I 75
	Selected Late Flat Dutch	20	70	2 50
	Mammoth Rock Red	40	1 25	4 00
	American Drumhead Savoy10	25	75	2 50
	CAULIFLOWER. pkt.	OZ.	¼ 1b.	1b.
	Algiers, Large Late	80	2 75	
	Extra Early Dwarf Erfurt 15	3 00	10 00	
	Henderson's Early Snowball25	4 00	14 00	48 00
	CORN SALAD.			
	Large Leaved 5	10	25	80
	CORN, SWEET. pkt. pt.	qt.	pk.	bu.
	Cory Early (Red Cob) 10 20	40	t 25	4 50
	" (White Cob)10 20	40	1 25	4 50
	Crosby's Early 10 20	40	1 25	4 00
	Moore's Early Concord 20	40	1 25	4 00
	Old Colony 10 20	40	1 25	4 00
	Roslyn Hybrid 20	49	1 25	4 00
	Shaker's Early 10 20	40	1 25	4 00
	Squantum 20	40	1 25	4 00
	Country Gentleman 15 30	50	1 50	5 00
	Stowell's Evergreen 10 20	40	1 25	4 00
	The Henderson 10 20	40	I 25	4 50
1	CUCUMBER. pkt.	oz.	¼ 1b.	1b.
	Boston Pickling 5	10	25	70
	Cool and Crisp	25	60	2 00
	Early Cluster 5	10	25	70
	Early Russian 5	IO	25	70
	Everbearing 5	10	25	80
	Evergreen, Livingston's 5	10	25	80
	Extra Early Green Prolific10	15	30	80
	Green Prolific 5	10	25	70
			_	-



Fresh ...
Vegetables UNTIL FROST By Successive Sowings.



CUCUMBER, (Continued.) pkt. oz. 1/2 lb. lb.	PARSLEY. pkt. oz. 1/2 lb. II.
Japanese Climbing 10 25 60 200	Champion Moss Curled 5 10 30 1 20
Jersey Pickling 5 10 25 70	Extra Double Curled 5 10 30 93
Long Green 5 10 25 85	Fern Leaved 5 10 30 1 30
Nichol's Medium Green 5 10 25 70	Henderson's Emerald 10 15 30 1 00
Short Green 5 10 25 70	PEAS, EARLY.
West India Gherkin 5 15 35 1 25	
White Spine, Improved Early 5 10 25 80	A deduction of gc. per pint or 15c, per quart may be made from the pint and quart prices only if Feas are wanted by express or freight, purchaser paying transit.
" Extra Long 5 10 25 70	express or freight, purchaser paying transit.
	pkt. pt. gt. pk. bu-
ENDIVE.	Admiral 10 30 45 1 75 5 50
Broad Leaved Batavian 5 20 60 200	Alaska 10 25 45 1 50 5 00
Green Curled 5 20 60 2 00	American Wonder 25 45 2 60 6 500
Moss Curled 5 20 60 2 00	Blue Beauty 30 45 1 50 5 50
White Curled 5 20 60 2 co	Chelsea 15 35 55 2 50 9 00
MALE	Daniel O'Rourke 25 40 1 15 4 00
KALE.	Henderson's First of All 10 25 45 1 25 4 500
Brown German Curled 20 50 1 50	Premium Gem 10 25 40 1 75 6 20
Dwarf Green Curled Scotch 5 15 35 1 $\infty$	
Siberian	RADISH, EARLY ROUND VARIETIES.
LETTUCE.	Early Scarlet Turnip 5 -9 20 63
All the Year Round 5 15 40 1 25	Early Scarlet Turnip, (White Tipped). 5 10 2> 05
Big Boston 10 30 80 3 co	Early Rose Turnip 20 60 200
Black Seeded Butter 5 15 40 1 25 Boston Market 10 25 65 2 00	
	Early Scarlet Globe 10 15 35 100
Drumhead, or Malta 5 15 40 1 25	Red Forcing 5 10 30 80
Golden Queen 25 75 2 50	Rapid Forcing
Hanson 5 15 40 1 25	Yellow Summer Turnip 5 10 20 70
Henderson's New York 25 65 2 00	RADISH, EARLY OLIVE SHAPED.
Large White Summer 5 15 40 1 25	French Breakfast 5 10 25 7
Mignonette	Olive-shaped Scarlet 5 10 20 65
Salamander 5 15 40 1 25	Oval-shaped Yellow 20 60 x 00
Yellow Seeded Butter 5 15 40 1 25	RADISH, LONG VARIETIES.
Simpson, Early Curled 5 15 40 1 25	Brightest Scarlet
Simpson, Black Seeded 5 15 40 1 25	and the same of th
Trianon Cos 10 25 75 2 50	The second secon
MUSHROOM SPAWN.	
English, 15c. 1b.; 8 lbs. for \$1.00. By mail, 25c. lb.	Long White Vienna (Lady Finger) 5 10 30
French, 2 lb. box, 75c.; by mail, 95c.	Newcom 5 10 25 75
ONION, ITALIAN AND SPANISH VARIETIES.	White Strasburg 5 10 25
pkt. oz. ½ lb. lb.	Wood's Early Frame 5 10 20 95
Adriatic Barletta 10 25 75 2 25	RADISH, WINTER VARIETIES.
Giant Rocca 5 15 45 1 60	California Mammoth White 5 10 30 1 00
Giant White Garganus (Silver King), 10 20 60 2 co	Long Black Spanish 5 10 30 S
Mammoth Pompeii (Red Garganus)10 20 60 2 00	Rose China, Winter 5 to 35 t 25
Neapolitan Marzajola 5 20 69 2 00	Sandwich 25 70
Queen 5 20 60 2 00	SPINACH.
Prizetaker 10 25 60 2 00	Large Round Viroflay 5 10 15
m + 41 =	Long Standing 5 13 15
470 A 44 W 75 A W 41	
White Bunch 5 20 60 2 co	Savoy Leaved Norfolk 5 to 15
ONION, BERMUDA VARIETIES.	Thick Leaved 5 10 15 45
Pale Red Bermuda 5 20 70 2 25	Victoria 5 13 20 50
White Bermuda 5 20 73 2 25	TURNIPS AND RUTA BAGAS. (See pases 10, 17.)
TIT DELIVED HOLL at these prices to any post-office	in the United States, ALL VEGETABLE SEEDS by the packet, oz., & pound

WE DELIVER FREE at these prices, to any post-office in the United States, ALL VEGETABLE SEEDS by the packet, oz., 1/2 poundly, 1/2 pint, pint and quart. When Peas, Beans and Sweet Corn by the pirt or quart are sent by freight on express, at purchaser's expense, A DEDUCTION of 7c. per pint, or 15c. per quart, may be made.



# Turnips.

This is the Time to Sow them.

WE DELIVER FREE to any postoffice in the United States, ALL VEGETABLE
SEEDS offered in this Catalogue by the packet,
oz., ½ pound, pound, ½ pint, pint and quart.
When Peas, Beans and Sweet Corn by the
pint or quart are to go by express or freight,
at purchaser's expense, 7c. per pint, or 15c.
per quart, may be deducted.



#### KASHMYR SCARLET TURNIP.

The earliest of the first early Turnips; most distinct in appearance, small, rarely exceeding three inches in diameter; shape shown in cut. The leaves are few, small, entire or strap-leaved and quite smooth. The smallness of the leaves and tap root is evidence of its good selection. The outer color rich crimon; the interior pure sparkling white. The flesh is crisp, tender, very fine-grained, and exceedingly solid. (See cut.) Price, 15c. pkt.; 30c. oz; \$1.00 % lb.

RED - TOP STRAP LEAF.—
Rapid grower and of mild flavor, the most popular variety for early use, either for the table. (See cut.) 5c. pkt., rec. oz., 20c., ½ 1b., 65c. 1b.

EARLY PURPLE - TOP · MI - LAN. - Price on application.

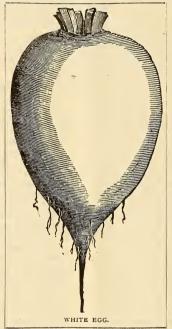
Early White Strap Leaf.—Differs from the red only in color, being all white. 5c. pkt., 10c. 0z., 20c. 1/4 lb., 6oc. lb.

Early Snowball.—A medium-sized round pure white variety of excellent flavor. For early sowing this is one of the best, being crisp, tender and sweet; maturing in six weeks from time of sowing the second of the post of the property of the ing. 5c. pkt., 10c. oz., 25c. 1/4 lb., 75c. lb.

LONG WHITE or COW HORN.—Matures very quickly; roots shaped like a carrot, about half of which are formed above ground; flesh white, fine-grained and sweet, and of excellent quality for table use. 5c. pkt., roc. oz., 25c. ½ lb., 70c. lb.

PURPLE-TOP WHITE GLOBE.—An early variety, globeshaped; heavy cropper; in other respects similar to the Red Top Strap Leaf. A handsome looking bulb, and is rapidly taking the lead of all other varieties of early Turnip for market garden purposes. 5c. pkt., 10c. 0z., 20c. ½ lb., 6cc. lb.

WHITE EGG.—Its shape is nearly oval or egg; flesh very firm and fine-grained, thin and perfectly smooth skin, and both flesh and skin are of snowy whiteness. Its flavor is of the very best, mild and sweet. (See cut.) 5c. pkt., 10c. oz., 25c. ½ lb., 7cc. lb.



Early Flat Dutch—An excellent garden variety resembling White Strap Leaf, the best variety for spring sowing. 5c. pkt., 10c. 0z., 20c. ¼ lb., 60c. lb.

5c. pkt., 10c. 02., 20c. ½ lb., 00c. 11b.

GOLDEN BALL or ORANGE
JELLY.—This is the most distinct yellow turnip we know. The flesh is of very fine texture, making it one of the best table varieties. Its beautiful color and fine flesh have earned for it the synonym of "Orange Jelly," which well describes its appearance when ready for the table. The bulb is of medium size, with small tap roots, and is early in maturing. (See cut.) 5c. pkt., 10c. 02., 25c. ½ lb., 75c. lb.

VELIOW STONE—One of the

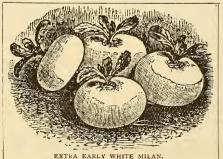
YELLOW STONE.—One of the best and most popular yellow fleshed varieties for table use; it is equally good for feeding stock. 5c. pkt., 10c. 0z., 25c. 1/2 lb., 75c. 1b.

YELLOW GLOBE.—One of the best varieties for general crop; flesh very firm and sweet, and keeps well until late in spring; grows to a large size, and is excellent both for stock and table use. 5c. pkt., 10c. oz., 25c. 1/4 lb., 70c. lb.

Purple - Top Yellow Aberdeen. - Very hardy and productive, good keeper, globe-shaped and fine quality. 5c. pkt., 10c. 0z., 20c. ½ lb., 6.c. lb.

POMERANIAN WHITE GLOBE.—One of the best large varieties. Flesh is firm, pure white, remains tender longer than most large varieties. Equally useful either as a table variety when young, or stock-feeding when fully grown. sc. pkt., 10c. 02., 20c. ½ lb., 60c. lb.

#### TURNIP. EARLY WHITE MILAN



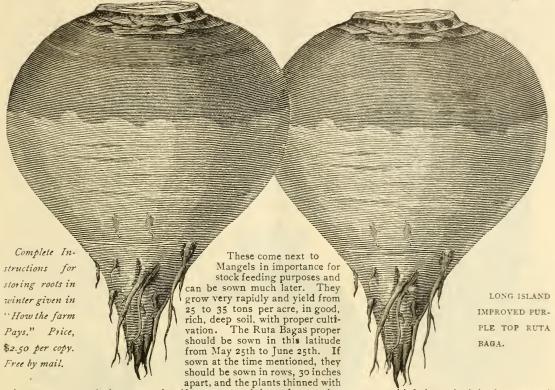
appearance.
It will undoubted

ly find a welcome in our markets, as in addition to the heavy addition totheneavy crop assured by its adaptability for close planting, it meets all the requirements of those desiring the earliest possible growth.

Price on application.



# SUMMER IS THE TIME TO SOW E Ruta Bagas, Russian or Swedish Turnips.



a hoe to 12 or 14 inches apart; but if sown a month later they can be grown one-third closer, both in the rows and between the plants. Sow 2 to 3 lbs. per acre.

### Long Island Improved Purple Top Ruta Baga.

This is undoubtedly the finest variety of purple-top Ruta Baga, and is purely of American origin, having been originated by one of our Long Island growers. It is twice the size of ordinary American stocks, and although size is usually got at the expense of quality, the quality of this variety for domestic purposes is superior to any we have tested. It first came under our notice as a prize winner, and we feel certain that from its enormous size, solidity and good quality, it will prove to be a champion variety for exhibition purposes. In a fair test on several Long Island farms, alongside some of the best European and American varieties, it produced almost twice the weight per acre of any other variety. (See cut.) 5 cts. pkt; 10 cts. oz.; 25 cts. 1 lb.; 70 cts. lb.

#### Improved American.

(Purple-Top.) An old leading variety very hardy and productive; flesh yellow, solid sweet and fineflavored; equally good for stock or table use; one of the principal varieties raised by market gardeners, and was one of the best of all Swede turnips, until we introduced the "Long Island Improved" offered above. 5 cts. per pkt.; 10 cts. per 07.; 20 cts. per 1 lb.; 55 cts. per lb.

#### Skirving's Purple-Top.

A first-rate variety for stock or table; grows to a large size; flesh firm, solid and sweet, and a good keeper. 5 cts. pkt.; 10 cts. oz.; 20 cts. 1 lb.; 60

#### Laing's Improved.

One of the earliest of the Ruta Bagas; forms a handsome bulb of good quality; keeps well; good for stock or table use. 5 cts. pkt.; 10 cts. oz.; 20 cts. } lb.; 50 cts. lb.

#### Large White French.

A superior variety for table or stock; flesh firm, white and solid; attains a large size, and has a very rich and sweet flavor; a very popular variety. 5 cts. pkt.; 10 cts. oz.; 20 ctc. \(\frac{1}{4}\) lb.; 55 cts. lb.

#### Large Yellow French.

Similar to the white in every respect, except as to color of the flesh. 5 cts. pkt.; 10 cts. oz.; 20 cts. 1 lb.; 55 cts. lb.

WE DELIVER FREE to any post-office in the United States, ALL VEGETABLE SEEDS offered in this Catalogue by the packet, ounce, 1/2 pound, pound, 1/2 pint, pint and quart. When Peas, Beans and Sweet Corn are wanted by express or freight, at purchaser's expense, 7c. per pint, or 15c. per quart, can be deducted.

HENDERSON'S COLOSSAL LONG RED MANGEL.

#### MANGELS.-Continued.

Golden Tankard.—The flesh is bright golden yellow, and in this respect differs from most other varie-ties which cut white. The Golden Tankard is an exceedingly popular variety in Great Britain, where it is considered particularly valuable on ac-

count of its nutritious and milk producing qualities. Sheep have a preference for this sort over other Mangels; it is said that they will pick out every piece of Golden Tankard before touching others. It yields under the best cultivation 50 tons per acre. (See cut.) 15c. per 1 lb.: 40c. per lb.

Henderson's Champion Yellow Globe.—Smooth, globe-shaped roots of large size and excellent quality, are the distinctive features of this variety.

(See cut.) 15c. per 1 lb.; 35c. per lb.

Henderson's Red Clobe.—A variety similar to the Yellow Globe in shape and size, and different only in color. 15c. \(\frac{1}{4}\) lb.; 45c. per lb.

#### SUGAR BEETS.

Lane's Imperial.—An improved variety of French Sugar Beet obtained by careful selection in this country, and recommended as being hardier and more productive. 15c. per \( \frac{1}{4} \) lb.; 40c. per lb.

White.—Attains a large size, and is extensively grown for feeding; largely cultivated in France for the manufacture of sugar. 15c. per 1 lb.; 35c. per lb.

Vilmorin's Improved White —A greatly improved variety of the preceding, and containing a greater percentage of sugar. 15c. per \(\frac{1}{2}\) lb.; 45c. per lb.

# SUMMER IS THE TIME SO SOW AT

# MANGELS.

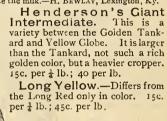
The best soil for Mangels is loose, friable loam and deep plowing. If expedient follow the plow with a subsoil plow, and the crop will more than repay the extra trouble. The ground should be well enriched, and the seed sown in drills 24 inches apart in light soils, and 30 inches apart in strong rich land. Thin out the plants with a hoe to 9 inches apart in the former, and 12 inches apart in the latter. 6 to 8 pounds of seed are used per acre if sown with a drill, or double that quantity if sown by hand. Cultivate with a horse hoe.

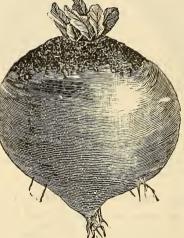
Henderson's Colossal Long Red —The roots are smooth and regular, of the largest size and blood red color. The quality is exceedingly nutritious, and in all respects this variety is most distinct and valuable. (See cut.) 15c. per 1 lb.; 35c. per lb.

I raised over 100 tons of your Collossal Long Red Mangel on 2 acres. In many cases three weighed over 100 lbs., the best crop I ever saw on an average, either in this country or in England, and I have farmed in both countries,—John Hodgson, Crystal Lake Farm, Paterson, N. J.

Those Colossal Red Mangels of yours are fine and give more feed to the acre than anything else I know of. They make a grand winter feed for all kinds of stock,—John W. Noble, Greenoble Stock larm, Metuchen, N. J.

We have always grown your Colossal Long Red Mangel, and we simply cannot run a winter dairy without them. Silo or no silo, the beets make the milk.—H. Bewlay, Lexington, Ky.





HENDERSON'S CHAMPION YELLOW GLOBE MANGEL.



GOLDEN TANKARD MANGEL.

WE DELIVER FREE to any post-office in the United States, ALL VEGETABLE SEEDS offered in this Catalogue by the packet, ounce, ½ pound, pound, ½ pint, pint and quart. When Peas, Beans and Sweet Corn are wanted by express or freight, at purchaser's expense, 7c. per pint, or 15c. per quart, can be deducted.

# Millet, Buckwheat and Clover.

FOR SUMMER SOWING.

### JAPANESE BUCKWHEAT.

Introduced into cultivation by us in 1887.

This variety has superseded all others and is now almost universally grown in preference to the common black and Silver Hull varieties. The kernels are at least twice the size of those of any other variety, and of a shape peculiar and distinct. The color is also most distinct, being a rich dark shade of brown. The straw is heavier, it branches more, and does not need to be sown as thickly as the other kinds. Flour made from it is greater in quantity and equal in quality if not superior to that of any other Buckwheat, and, as the yield shows, it is enormously prolific. It ripens a week earlier than the Silver Hull, and yields two or three times as much. (See cut.) \$1.50 per bushel. 10 bushel lots \$1.40 per bushel.

# MILLET.

(Prices subject to variation.)

Millets withstand droughts remarkably, generally remaining green when other vegetation is parched up, and being annuals of rapid growth, are valuable as "stolen" crops, as they can be sown and put into condition for hay in six weeks' time, and can be sown after early crops have been taken off, and should be cut green. Sow broadcast half to one bushel per acre, from May 1st to August 1st.



German or Golden Millet .- Our seed is pure and southern grown and yields much heavier crops than degenerate northern and western grown seed. Price \$1.75 per bushel of 48 lbs.; 10c. per lb.; \$3.50 per 100 lbs.

Hungarian Millet or Hungarian Grass.—Furnishes an abundance of green fodder, often yielding two or three tons of hay per acre. \$1.60 per bushel of 48 lbs.; Icc. per lb.; \$3.10 per 100 lbs.

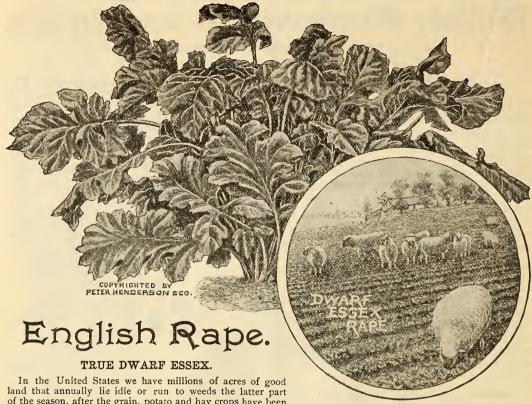
CRIMSON CLOVER.

### Crimson or Scarlet Clover.

The value of Scarlet Clover is now so thoroughly established that we have no hesitation in recommending that all lands from which crops have been harvested during the summer and fall should be sown with Scarlet Clover for plowing under the following spring. Authorities who have made a careful estimate state that plowing under a good crop of Scarlet Clover is equivalent to 20 tons of stable manure per acre, and even if the Clover be harvested or pastured, the benefits derived from the wonderful nitrogenous root formation will alone many times repay the cost of seed and labor. The quality of the hay and fodder is superior to that of Red Clover, being more digestible and much richer in protein.

It may be sown among corn, tomatoes, turnips, etc., at time of last hoeing, or after potatoes, melons, cucumbers, etc. have been harvested or on grain stubble and harrowed in. When sown in July and August, Dwarf Essex Rape may also sown along with it at the rate of 4 or 5 lbs. per acre for pasturing sheep in the fall. The clover will be but little damaged by pasturing the Rape and will grow rapidly the following spring.

When sown in July and early in August, it has proved hardy as far north as Michigan and Canada. In the latitude of New York time of sowing may extend from July 15th to September 30th, and further South even later. Sow 15 lbs. per acre. Choice American grown new crop seed, ready July 1st, 10c. lb.; \$7.00 100 lbs.



of the season, after the grain, potato and hay crops have been

WINTER OR SAND VETCH.

harvested, a large portion of which might be made to produce one of the finest feeds imaginable, and in the greatest abundance, at a time when cattle and sheep are roaming through bare pastures in search of a scanty living. Rape may be sown broadcast at the rate of 6 lbs. per acre, and harrowed in, or the land may be thoroughly harrowed and the seed sown in drills, 18 to 24 in. apart, at the rate of 2 to 3 lbs. per acre. favorable conditions it is ready for pasturing sheep or cattle within six weeks from time of sowing, and on an average one acre will carry twelve to fifteen sheep six weeks to two months. There are several varieties of Rape, but care should be taken to procure the Dwarf Essex, which does not seed the same season as sown. In the Northern States it should be sown from May to August for fall pasturing, but as it thrives best in cool weather, it should not be sown in the Southern States until September or October for winter pasture. In the latitude of New York, July or August is the best time to sow. Its fattening properties are probably twice as good as those of clover, and for sheep the feeding value of Rape excels all other plants we know of fattening and putting them in excellent condition for marketing without the addition of grain or other purchased feeds. At the Michigan Experiment Station, 128 lambs were pastured for eight weeks on 15 acres of Rape sown in July and showed a gain of 2,890 lbs., or at the rate or 3 lbs. per lamb each week. To secure the best results the Rape should be sown in drills and the plan has been successfully tried of sowing Scarlet Clover broadcast at the same time, pasturing the Rape in the fill and plowing under the Clover the following spring. Sow 6 lbs per acre broadcast, 2 to 3 lbs per acre in drills. 12c. lb., \$9.00 100 lbs.

### NEW HARDY FORAGE PLANT. SAND, HAIRY OR WINTER VETCH.

Succeeds on poor sandy soils, grows to a height of 3 to 4 feet and seems proof against both heat and cold and when sown in fall yields a crop early the following spring. If cut when in bloom it will yield a second crop which may be allowed to seed if desired. Sow half bushel to a bushel per acre. \$5.00 bushel of 60 lbs., 15c. lb.



# WEEDS

IN GARDEN WALKS

CARRIAGE DRIVES

PARK AND CEMETERY PARKS

# DESTROYED!

"HERBICIDE" completely destroys all weeds, wherever applied, and by its effects on the ground prevents the growth of fresh ones for a year or two afterwards, thus saving an immense amount of labor in hoeing, etc.

Its application is easy, being in a liquid form and only requiring to be mixed about 50 yards square, and will make a liquid which will effectually destroy all vegetable growth.

QUART CAN sufficient to make 6 gallons of liquid

Price, \$5.50 GALLON CAN sufficient to make 25 gallons of liquid 1.25

### FIVE GALLON KEG, sufficient to make 125 gallons of liquid -Henderson's "Model" Hand Lawn Sweeper.



HENDERSON'S "MODEL" HAND LAWN MOWER.

Designed for use on lawns, small parks, tennis courts, etc. The brush revolves very rapidly, throwing the litter backward from its under surface. Immediately behind the brush, and parallel with it. a thin shoe passes along over the ground, with its upper surface inclined. The operation involves the principle of "dust-pan and broom." In addition to this, the revolving brush creates a strong current of air, that blows the litter back into the rear of the hopper. If sticks, stones or leaves are encountered, the shoe does not allow them to pass under it, but provides a passage over it into the hopper. The revolving brush is pressed against the ground, allowing the machine to be used on clipped and unclipped lawns, over rough or smooth ground. The machine does nice, clean work. It does not tear the sod nor dig up the earth like a rake, but leaves the grass clean and velvety. The hopper can be dumped or taken out and emptied. It takes only a few minutes to go over a large lawn. to go over a large lawn.

The machine weighs 28 pounds, is 25 inches wide, 21-inch brush, Price, \$12.00

### Horse Lawn Sweeper.

A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. Sweeps 40 inches wide.

The sweeper gives you a perfect lawn as soon as the sweeping is finished instead of looking gray for several days owing to the withered cut grass. If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over. Price, \$70.00

# The "Planet Jr." Lawn and Turf Edger.

This little tools trims the turf around the edges of the flower beds, walks, roads, etc., the revolving cutter does perfect work, either on a curved or straight border, edging accurately at just the correct angle, and at the speed of a mile an hour, while the hoe cleans the bottom of walk. The hoe can be removed if desired. It is invaluable in giving a finished appearance to the lawn. Price, complete, weighs 26 pounds, \$5.00.



# COMBINATION Border Knife and .... Scuffle Hoe.

A most useful implement A most useful implement for edging up walks and borders, for cutting and rolling turf, for cleaning walks from weeds. It can be instantly changed from an Edger to a Scuffle Hoe.

Price, with 7½ inch blade, 60c. each; 9% inch blade, 75c.



# e Henderson Perfect," Lawn Mower.

INCOMPARABLY THE SUPERIOR OF ANY MOWER ON THE MARKET

The sharp competition in Lawn Mowers for the past three years has so reduced prices that, in consequence, the quality of both material and workmanship has deteriorated to such an extent that our customers tell us that it is almost impossible to get a Mower that will cut satisfactorily for any length of time, and the many requests for a high-class Mower has induced us to manufacture an entirely new lawn mower, "The Henderson Perfect," and we claim for it-and we guarantee the claim -that it will prove the most durable of any side-wheel mower ever manufactured, being made of best quality new iron, patent journal boxes and the knives of high grade steel. It will keep sharp, cut well and last three or four times as long as a cheap mower. There are also many details of construction essentially different from any other mower, and which could not be afforded on low-priced ma-chines, simply made to sell. For instance, the bottom knife-bar is stationary, making the frame perfectly rigid; the revolving cutter works in patent hangers, the cutter being adjusted to the stationary knife. A positive triple ratchet in each end is a grand improvement. giving great strength, and will last as long as the Mower. gears do not move when the machine is pulled back, thereby saving much friction

Office of Director of Works, World's Columbian Exposition, World's Columbian Exposition, Chicaço, Ill., Oct. 25th. 1803.

"The Henderson Perfect" Lawn Mover has been in practical use on the World's Columbian Exposition grounds ever since the lawns were made. It has given entire satisfaction and proved to be a machine of the highest order of perfection, and as regards light running and durability it excels all others.

R. ULRICH. Supt. Landscape Department.

and wear, and a patent terrace mowing arrangement is a very effective and a valuable addition. The wheels are high (8 inches', enabling the Mower to cut high grass with ease. It is very light-lunning, noiseless, and leaves the

surface of the lawn as smooth as velvet.

We reiterate, that "The Henderson Perfect," has been made regardless of expense, to be the best and most

We reiterate, that "The Henderson Perfect," has been made regardless of expense, to be the best and most durable Lawn Mower ever got:en up; and, although the price is necessarily a little higher than other Mowers, yet it will in the end prove much cheaper, aside from the annoying delays and expensive repairs experienced with cheap Mowers.

PRICES OF "THE HENDERSON PERFECT" HAND LAWN MOWER:

(Strictly net. No charge for Pucking or Cartage.)

12-in. cut, \$6.00 (List price, \$13.)

14-in. cut, \$7.00 (List price, \$15.)

(List price, \$17.)

16-in. cut, \$8.00 18-in. cut, \$9.00 20-in. cut, \$10.00 (List price, \$21.)

TERRACE IRON 50 CENTS EXTRA.

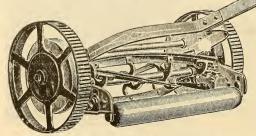
The Henderson 5-Bladed

LAWN MOWER.



The mechanism and high quality of material are the same as in the "Henderson Perfect." offered above, with the added advantages gained by drive wheels ten inches in diameter and a six-inch. five bladed wiper, thus making the finest cutting mower in the world, leaving absolutely no irregularities on the surface of the lawn, which appears as smooth as if shaved. Besides, it is the strongest lightest draft mower on the market. For high-class lawns and well-kept parks the Henderson High Wheel Five-Bladed Lawn Mower is unequalled. PRICES strictly net. No

LAWN MOWERS.



inch cut, \$10.00 (List price, \$21,00.)

16-inch cut, \$11.00. (List price, \$23.00.)

20-inch cut. \$13.00 (List price, \$27.00.).

charge for packing or cartage. 18-inch cut, \$12.00. (List price, \$25.00.)

# "COLDWELL" HORSE LAWN MOWER.

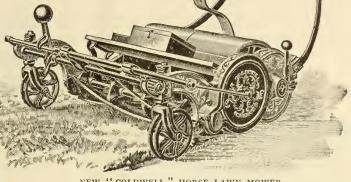
We guarantee this to be the best and most perfect Horse Lawn Mower manufactured. It is used exclusively by the Government, and on the largest public and private lawns in the country. They are furnished with shafts, seat and side draft attachment which keeps the horse on the cut grass only. The new attachment for instantly raising the knives when travelling along roads and stony ground is very convenient. Each mower warranted to give complete satisfaction.

Low Prices (strictly net).

No charge for packing or cartage.

30 Inch Cut, - \$60.00 (List price, \$110.) 35 - 75.00 (List price, 135.)

40 - 90.00 (List price, 170.)



NEW "COLDWELL" HORSE LAWN MOWER.

### THE SMALL OR "PONY" LAWN MOWER.

A small size (25-inch cut) lawn mower suitable for a pony or for very hilly lawns and lawns full of trees and shrubs. It has no seat; the pony is hitched to a single tree attached to the mower which enables it to turn easily among shrubbery, etc. Our net price for this is \$37.50, or with shafts and side draft. \$45.00.

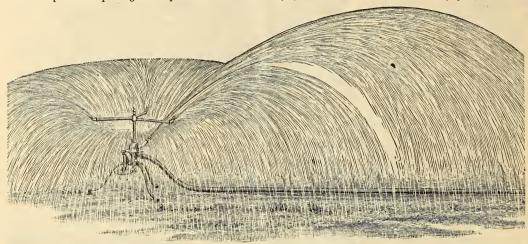
List price, \$75.00.



# LAWN SPRINKLERS.

A good lawn sprinkler is a necessary adjunct to all well kept lawns and grass plots; the water is distributed so finely and evenly, and by leaving a sprinkler in one position long enough the grass can be thoroughly saturated, thereby insuring a luxuriant, fresh green sward during the hottest summer drought. All of the sprinklers that we catalogue work satisfactorily with a water pressure of 30 lbs., excepting the Henderson 8 Arm Lawn Sprinkler, which should have a pressure of not less than 40 lbs. The "Water Witch" works under a very low pressure better than any other sprinkler we know of.

We are frequently asked if a tank or pond of water at a certain elevation will work a lawn sprinkler. The following rule is applicable to all such cases, viz: Water at every foot of elevation gives half a pound pressure—the force to work a sprinkler requiring 20 lbs. pressure—the tank or body of water would have to be elevated 40 feet, etc.



# THE "COMET" LAWN SPRINKLER

### Will Sprinkle an Area FOUR TIMES Greater Than Any Other Sprinkler.

By means of the swiftly revolving arms and intermediate gears, the upper part of the body is made to revolve slowly around, carrying the hose nozzle, from which a large stream of water is thrown far out beyond that thrown by the arms, thereby covering four times the space of any other stationary sprinkler.

by the arms, thereby covering four times the space of any other stationary sprinkler.

With an ordinary force of water it will thoroughly sprinkle a space of 80 feet in diameter. The hose nozzle and tips on ends of arms are adjustable so that it can be adapted to as small a space as desired. Excepting the legs, it is made of solid brass and nicely nickled most substantial and durable as well as the most attractive and useful sprinkler ever made. Price. \$5.00.

THE

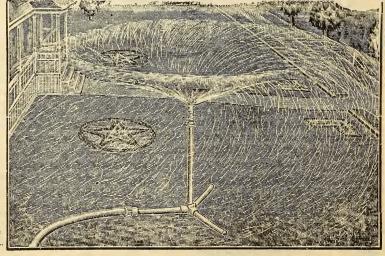
# "WATER WITCH"

#### LAWN SPRINKLER.

(With or without stand.)

An effective device for sprinkling Lawns, Gardens or Flower Beds. The water flows with unimpeded force, and is divided and deflected by the two lips of the swivel piece which it causes to revolve rapidly, scattering the water in fine drops and evenly over a circular area of twenty-five to forty feet diameter. Price without stand (i. e., with spur to stick in the ground.) 75c. each; by mail, 85c. each.

Price, with stand, (cannot be mailed) (See cut,) \$1.25-each.



THE "WATER WITCH" LAWN SPRINKLER.

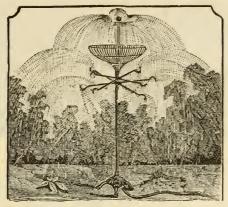
Jewel Lawn

Sprinkler

On

Stand.

Price, \$2.



THE HENDERSON LAWN SPRINKLER.

# Henderson's \"8 ARM"

# Lawn Sprinkler.

This is the best lawn sprinkler made. It can be attached to hose and placed anywhere on the lawn, where it serves the double purpose of a beautiful fountain and of thoroughly saturating the grass or garden. The water is distributed in fine drops over an area of 60 to 100 feet in circumference, according to the pre-sure on the water. An ornamental standard, about four feet high, is surmounted with long perforated arms, which revolve, so the beautiful sprays are constantly changing. Prices: for a 4-arm s.rinkler, \$2.75; for an 8 arm, \$3.50.

Ball and Basket. This fits on top of the Henderson Sprinkler, and the stream of water keeps the silvered ball dancing on its summit up in the air. When the ball falls the basket catches it, and it rolls into the centre and is again raised by the

water. Price, \$2.50 extra.

# THE TRAVELLING LAWN SPRINKLER.

This Travelling Lawn Sprinkler, under an ordinary pressure of water will roll itself slowly and steadily in any direction, either in a straight line or in a circle of any diameter desired. It can be set to travel anywhere from 15 to 500 feet per hour as preferred. Can be changed from the lowest to the highest speed in a moment. It can be gauged to throw the water over a swarth anywhere from 5 to 50 feet in width. It can be used as a stationary sprinkler by throwing it out of gear. With a pressure of water as low as 20 pounds it will drag 75 feet of hose, while with a pressure of 60 to 70 pounds, it will carry 200 pounds extra weight and drag as many feet of

It is as indispensable to any well kept lawn as water, as it reduces the application of that

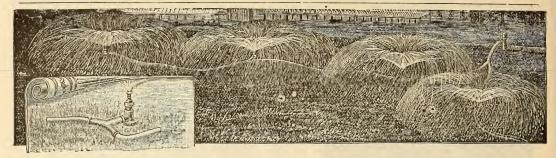
THE TRAVELLING LAWN SPRINKLER.

much-needed element to a pleasure. It works to perfection-in fact, doing the work more thoroughly and in less time than a person could do it-needs less attention-set the machine and there you are. The Travelling Sprinkler, even when stationary, is equal to all others; and its ability to move itself over the lawn makes it of the greatest utility. Price, \$15.00.



Jewel Lawn Sprinkler

We consider this one of the most durable and satisfactory sprinklers ever placed on the market, it sprinkles either a full or a half circle. When set to sprinkle a half circle it can be placed close to a walk and while wetting the lawn yet allows one to pass on a dry walk. The distributing channels of this sprinkler are large and thus there is no chance to clog. It will sprinkle a circle from two to forty feet according to water pressure. The operation of changing from a whole to a half circle is so simple that a child can work it. For full circle turn the thumb screw to the left, for half circle reverse the operation. Prices with spur to stick in the ground, 75c. or by mail 85c., or on stand, (not mailable.) \$2.00.



# HENDERSON'S "SIQUESE" LAWN SPRINKLER ATTACHMENT.

Several sprinklers can be operated at one time with this arrangement providing the pressure or volume of water is sufficient. A three-quarter inch hose and thirty to forty pounds pressure will operate three sprinklers; a forty to fifty pounds pressure, four sprinklers; with one inch hose and a good pressure six sprinklers can be operated satis This method of watering originated with us last season and we found it valuable during the severe drought for thoroughly saturating large areas of Celery, Cabbage, Strawberry and other plants, as well as our lawns. It saves the labor of one or more men and distributes the water more evenly and thoroughly than can possibly be done

with a hose nozzle.

We found that the Water Witch Lawn Sprinklers (with spur to stick in the ground) were the best sprinklers for the purpose. One of these sprinklers and the "Siamese" was applied at the end of every twenty-five foot length of hose. With three twenty-five foot lengths of hose, two Siamese and three Water Witch sprinklers (the last length of hose not needing a Stamese,) a continuous artificial rain is produced over area of twenty-five feet wide by seventy five feet long. Each additional length of hose with sprinkler, of course increases the area sprinkled twenty-five feet.

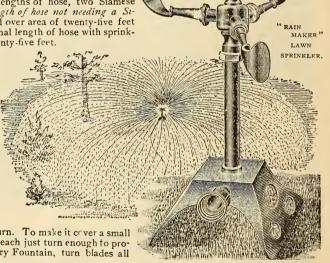
Prices: Siamese Attachment for \$\frac{8}{2}\$ in. hose. 75c., by mail, 8cc.; for 1 in. hose, 85c., by mail, 95c.; Water Witch Lawn Sprinkler, for \ or I in. hose, 75c., by mail, 85c.

# "Rain Maker" Lawn Sprinkler.

Throws a great variety of beautiful sprays either fast or slow at the pleasure of the user -and always at full capacity. It can be changed in a minute to sprinkle 5 feet in diameter, or, if the water pressure is sufficient, up to 25 or 30 feet in diameter.

Directions. To cover a large area Turn all blades flow up, giving one just turn enough to act as a propelling force. To cover a large area, and not to throw up, turn

all blades one-half over, giving blades some turn. To make it cover a small area-Turn all blades to throw down, giving each just turn enough to propel the Fountain Head. To make a Stationary Fountain, turn blades all face up-level. Price, \$4 00.



#### RAIN MAKER" HOSE NOZZLE, The Best Sprinkling Nozzle

It throws a flat, fan shaped sheet of water which breaks up into myriads of small drops falling like

gentle rain and covering an arc-like area of from 6 to 12 feet in diameter according to the pressure. The spray is so evenly scattered that the soil does not pack nor wash out from the roots of plants or grass even with a full flow of water, no injury can be done the most tender plants. You can water the grass or garden in half the time consumed with other nozzles, and in a more satisfactory and even manner.

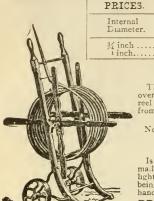
It is made of brass and is practically indestructible. There is no clogging, no leaking on the operator. For watering greenhouses, spraying under foliage as well as above it, it is unequalled, and its use is sure death to red spider. For sprinkling lawns it is especially valuable. It can be simply thrown down or used in con-

"RAIN MAKER" HOSE NOZZLE.

nection with our hose nozzle holder on page 9. Please state which of the under mentioned you want. For \$\frac{2}{3}\$ inch hose, \$\frac{1}{6}\$ in flow for lawns and gardens with ordinary pressure of water. For \$\frac{2}{3}\$ in. hose \$\frac{1}{4}\$ in. flow for lawns and gardens with heavy pressure of water. For \( \frac{2}{3} \) in hose, \( \frac{1}{3} \) in flow for red spider on rose bushes. **Prices 75c.** each, by mail, 80c. each. For 1 inch hose, is in flow for large lawns and parks, Price, §1.00, by mail, §1.10

# RUBBER HOSE.

Honderson's "Best Para" is made entirely from New Para Rubber, and will outlast cheap hose three times over, it is really the cheapest in the end. Standard or Good Quality is a grade that we only offer to people wanting cheap hose. Rubber hose is sold in uniform lengths of either 25 or 50 feet, and when purchased in these "uniform" lengths we furnish couplings on free. (Our "Best Para" is fitted with the new water tight "Wedge Coupling.")



Bent Leg Hose Carriage.

"Best Para" Hoce. "Standard" Hose. Price per 25 it. length. 50 ft. length. 50 ft. length. 25 ft. length. ....\$7.50 ..... 3/4 inch ......\$4.00 .... .....\$3.00 ..... \$5.75

#### BENT LEG HOSE CARRIAGE.

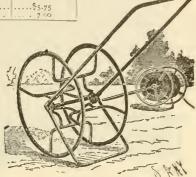
This is the best wooden reel made—not easily tipped over. Can be rolled from place to place. I y using a reel the bose is always drained, thus preventing it from rotting.

No. A, for 100 ft., \$2.00. No. B, for 200 ft., \$2.25.

#### "ALL IRON" HOSE REEL.

Is constructed entirely of wrought iron pipe and a leable iron and is therefore indestructable. It is maleable iron and is therefore indestructable. It is light in weight, perfectly frictionless and the wheels being high make it easily manipulated; a good, strong, handsome and convenient reel.

PRICES. No. 10, for 100 ft. 3/4 in. hose, \$2.75 No. 20, " 150 " " 3.00 No. 30, " 500 " " 500 No. 30, " 500 No. 30,



" All Iron " Hose Reel.



Hydrant Swivel Connection. Turns in any posi-tion, prevents hose from kink-ing. For 3/4 inch hose, 90c.

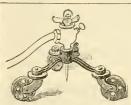
by mail, \$1.00

Hose Reducer.

1 inch to 3/4 (mailed free) 30c.



Gem Nozzle Holder For watering lawns and flower beds. The nose is held firmly and can be adjusted to any elevation in an instant 25c. each by mail, 30c.



Lawn Sprinkler Carriage. Can be used with any springler, with spur to stick in the ground—the carriage en-ables the sprinkler to be moved without shutting off the water. Price, /.c. each.



The "Bordeaux" Noz-The simplest and best spraying Nozle. It throws a fine fan shaped spray and is readily degorged by turning the hancle. It will throw a solid stream, or it may be shut off altogether. I rice, for either 1/2 inch pipe or 1/2 inch hose, 75c., by mail, 80c.



Jones' Hose Mender. Quickly applied, no tools or bandsrequir d Hose is brought together makes a smooth joint and gives a firm hold. The bore being exect size of internal diameter of the hose, no obstruction occurs.

PRICES. By mail. each. doz. each. doz.

3/4 inch ... 5 1 inch ... 7 75 8



Hudson's Hose Menders. Practical, simple, perfect. Price, per box of 6 tubes, 20 bands and 1 pair of pilers, 75c; or by mail, \$...oo. (Give size of hose.)
Tubes, ½ in. 2c.; ¼ in. 3c.; 1

in. 4c. each.
BANDS, 2cc. per doz.
PLES, 3oc.; by mail, 35c.



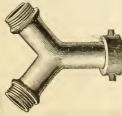
Caldwell's Hose Strap. The best device for attaching hose couplings. Pliers, 30c., by mail 4sc. pair; hose straps for ½ in. hose 5oc. doz.; ¾ in. hose, 6oc. doz.; 1 in. hose, 8oc.



The "Graduating"
Spray Nozzle. Will
threw a coarse or a fit e spray,
a large or a small solid stream. The spray can be closely con-tracted or made to cover a large These results are obarea. These results are octained by levolving it part way round. Price, 34 inch, 50c. or by m il 55c.; r inch 60c., or by



Lightning Hose Coup-ler. Instantly attached or disconnected, no twisting of the hose, no bruising fingers, water-tight. (State if wanted to re-place old coupling, or to be attached to them) Price, post paid, per set 2 pieces, ¾ in., 3 c. FAUCET ATTACHMENT ENTRA,



Siamese Connection. 34 in .... 75c., or by mail 85c i in ..... 85c., or by mail 95c.

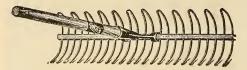


Hose "Shut Off." Can be inserted in hose at any point, thereby saves much time 34 inch hose, 90c. by mail, \$1.00



Brass Hose Nozzle. Brass, with stop cock in the large end, spray rose and straight stream. Prices, for 13 and 34 in, hose 750 or by mail 850; for 1 in, 850, or by mail

#### THE "REVERSIBLE" All Steel LAWN RAKE.



REVERSIBLE LAWN RAKE,

All steel, heavily tinned, and practically indestructible. All steel, heavily tinned, and practically indestructible. Handles of poished ash. This rake runs smoothly and will not tear the sod nor clog. The two styles of teeth form a perfect tool for cleaning lawns and walks. The arched teeth being used for leaves and litter, and the opposite side for fine cut grass. The uppermost teeth always act as a guard to prevent the rakings from falling over back. Twenty-four teeth closely set in a 21 inch head. Price 50c. each.

#### THE AUTOMATIC LAWN RAKE.



The Automatic is the only rake that will

clear itself from grass without any annoyance to the operator. It is light and easily handled.

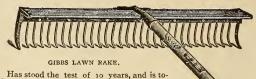
A backward motion of the Rake from the operator will clean all the teeth at once, thus avoiding the disagreeable task of c.eaning the teeth with fingers. The teeth are made of the best of hickory. Price, 26 teeth, 85c. each.

#### COMMON WOOD LAWN RAKE.

Three bow, selected wood, 22 teeth.. .. Price, 35c. each, \$3,50 doz.

#### THE GIBBS LAWN RAKE.

The only Lawn Rake endorsed, purchased for and used on the World's Fair Lawns.



Has stood the test of 10 years, and is to-day the best Lawn Rake for leaves and fine cut grass. The teeth of stiff, coppered steel are close together and correctly formed to ride over the sod without catching and tearing it up. It does not clog up, and a backward motion without raising the rake cleans all of the teeth perfectly. The closed hood prevents grass, etc. from falling over back, so that at one passage of the rake it does perfect and clean work. Twenty-four inch head, 32 teeth. Price, 75c. each;

#### LAWN AND SCARIFYING RAKE.



LAWN AND SCARIFYING RAKE

This rake is designed to cultivate as well as to free the lawn from cut grass and leaves. Lawns where it has been used during the past summer have shown its good qualities by keeping green and fresh. It is also well adapted for use on fine gravel walks. Price, 50c.

# Iscellaneous Lawn Tools.



# A Fascinating.....

# New Lawn Game, "Vicktory.



VICKTORY" is more scientific than Croquet, yet easily learned and is intensely fascinating clear to the end of the game, for no matter how much lead one player or side may have gained, one miss stroke, on the leading side, or one good strike from the losing side, may entirely reverse the commanding lead. Consequently the game is absorbingly interesting throughout.

"Vicktory" has several other advantages over Croquet: it is adapted to lawns which are too small for Croquet, requiring a space only 24 feet by 30 feet, though great variation in the size of the ground is possible, the shape of the court being octagonal.

The court can be laid out and the game played on any level plot of grass of sufficient size, or on smooth, hardened, bare ground, sanded; the latter of course being preferable for very scientific playing, or the game can be played on the floor of a house. It can be played by two, three or four persons.

It is a game of vicissitudes, the object being to get your own and your partner's balls into the ring and put out or keep out your opponents. In starting the game red places his ball in the "striker's box," a mallet's length from the stake, and strikes his ball, trying to make it enter the ring. If he succeeds he starts a new ball, and so continues until he misses or fails to "ring" his ball. Blue now starts a ball and endeavors to ring it, or if he prefers, may try to hit the red ball. If he succeeds in the latter move, he may croquet his opponent to any part of the ground, and then have a shot from his new position for the ring. If he succeeds, he takes out one of his opponent's balls, if any are in the ring, and every ball that is "ringed" entitles the player to take out one of his opponent's balls. All balls so taken out must be started over as though they had not been played.

When three persons play, one ball of each of the opponents is taken out for every one a player rings. When four play, only one ball is taken out for each ball ringed, and not any for ringing

a partner's ball.

The person who gets all his balls in the ring wins the game. When four play, the side which rings all six balls wins.

"Vicktory" is not made cheaply, only the best "rock maple" stock being used, it is handsomely finished and finely boxed.

PRICE: (f.o.b. N.Y.) \$3.75, or with wickets and extra stakes so it can be used for Croquet, (4.00.



\$8 50

These giant framed umbrellas are the strongest and most durable umbrellas in the world. They are not only very useful but very attractive on a lawn; they spread 8 feet in diameter. The centre pole is thrust into a large hollow iron screw which is easily turned into the ground, the screw can remain, if desired and the umbrella can be closed and removed in a moment. It can be quickly set up in any soil with ease. The umbrella has 16 strong steel ribs covered alternately with red and buff colored heavy cloth—the edge is finished with an 8 inch curtain.

PRICE, complete with g ound fastening, \$8.50.

# THE "J. I. Case" Wheel Hoe, Cultivator and Plow.

#### FOR HAND POWER. Not the Cheapest-but the Best.

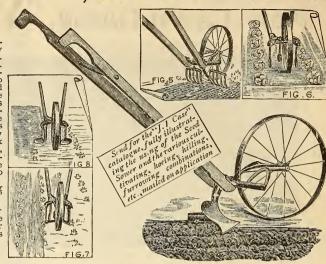
This Machine, for Hoein?, Cultivat-Ing and Hilling, is not surpassed by any implement made. The two flat hoes (Fig. 2) work close to the plants and cut off all weeds. The three cultivator teeth (Fig. 6) fol-low and loosen the soil two r three inches deep The three cultivator teeth (Fig. 6) follow and loosen the soil two or three inches deep and pulverize it, or the cultivator teeth can and hoes can be used separately if desired. The machine is also supplied with two rakes (Fig. 5) for fine surface cultivating and leveling. The two infant plows (Fig. 8) are for throwing earth either to or from the plants as desired, and one largy single plow (Fig. 4) which will work from three to six inches deep and is invaluable for hilling up, furrowing, etc. These attachments can be adjusted to different widths of rows and can be operated between two rows or be adjusted to straddle and work both sides of one row.

The leaf-arm pushes aside overhanging leaves, allowing the cultivator to "work close" even when the plants are large.

The machine can be pushed at a moderate or fast walk, doing the work of six men with the customary tools, doing it better and with far greater ease. The 2c-inch drive-wheel makes the machine easy to push.

PRICE, - \$8.00

PRICE. \$8.00



NOTE.—The frame and wheel are exactly the same for cultivating and hoeing tools and the "J. I. Case" Seeder. If you purchase the above described "J. I. Case" wheel hoe, etc., you can afterwards add the Seeder attachment for \$5.50 extra.

# "Planet Jr." DOUBLE Wheel Hoe, Cultivator, Rake and Plow Combined. FOR HAND POWER. You can safely hoe or plow to or from, cultivate, rake, etc., deep or shallow, when plants are just coming through the ground, and until they are fifteen inches high, both sides at once or between the rows, at the speed of a moderate walk. The rakes level and fine the ground for planting, gather stones and trash, cultivate plants when small, cover seeds, etc. The Hoes cut close and clean, killing everything they meet, leaving the ground level. The cultivator teeth mellow the soil deep or shallow. The Plows lay out deep furrows and cover and hill-up or plow away, as desired. The Leaf Guards lift aside overhanging foliage and leave them uninjured. They are detachable. Price, \$6.00. Send for our Planet Jr. Catalogue, describ-logue, describ-ing and illustrating a large variety of Hand and Horse Power Im-Weight, packed, 35 lbs. plements.

#### "Planet Jr." Double Wheel Hoe with its Attachments.

# "Planet Jr." SINGLE Wheel Hoe, Cultivator, Rake and Plow Combined.

#### FOR HAND POWER.

Does the same work as the Double Wheel Hoe excepting that it will not straddle the plants as well as when the are large, and in place of two plows this is furnished with one larger plow; the other attachments are the same. All rows from six to eighteen inches apart can be perfectly hoed at one passage. Price, \$4.50. Weight, packed, 26 lbs.





THE "POMONA" SPRAY PUMP.

A strictly high grade up-to-date pump, embodying several important improvements.

It is simple, the parts accessible and easily removed for cleaning if occasion demands. It has all working parts of brass.

The Brass Plunger is very strong, machine turned and fits the gland accurately. The Brass Valves are wing guided and act on beveled valve seats, being ground to fit and never clog.

The pump has a steel air chamber of unusually large capacity, thoroughly tested, and free from imperfections. It has a long adjustable lever, producing 3-inch, 4-inch or 5-inch stroke of pump by simply removing and replacing a single pin; thus varying the pump's capacity and the necessary labor to operate it. The Pump is held securely by adjustable lcamp-plate at the top of barrel, and by a small anchor, located in bottom of barrel, into which the pump is set. It is built low down, and, with the exception of lever and discharge, is contained within the ering no obstruction to over-hanging limbs, and is not top heavy.

barrel, offering no obstruction to over-hanging limbs, and is not top heavy.

The pump is large, but easily operated by a single person. The only part to be renewed is the gland packing, and even if this should become worn out, the pump would still continue to work.

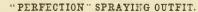
The Agitator is mechanical in its action and much superior to the old method of "return discharge." This pump is the most efficient and satisfactory pump ever offered. It will supply one or two leads of hose.

\$12.25

1400

and hose; with stop cock, each......





One hundred trees per hour can be sprayed with this pump. It is fitted with ten feet of discharge hose and a graduating spray nozzle. At the aperture "B" is attached three feet of return hose, so that, at every stroke of the pump, a small part of the liquid is redischarged into the barrel, which keeps the liquid well mixed. There is also a tight cap furnished to close up opening "B" when desired. The pump has 3 inch cylinder and is furnished with iron suction pipe, with a fine strainer at bottom ready to mount on a barrel. Weight 5: lbs. (See cut.) Price of outfit complete (not including burrel), with brass cylinder, plunger and rod, \$10.00.

HENDERSON'S "SUCCISS" HAND FORCE PUMP.

This is the best and most durable portable hand pump in the market. Working parts are made of solid brass with large air chamber, and is double acting, throwing an absolutely continuous stream, either solid or in a fine spray, as desired; very light and easily carried, and works from any bucket or tub. Just the thing for throwing liquid insecticides and fungicides on low trees, shrubs, plants, etc. (See cut.) Price, \$3.50.

#### PERFECTED KNAPSACK SPRAYER.

For applying Bordeaux Mixture and other fluid remedies in a mist-like spray, for the treatment of grapes and other vegetation, for the prevention and cure of mildew, black-rot and kindred diseases. The machine is made entirely of copper and brass and the chemicals will not corrode or rust it. The air chamber keeps up a pressure, so a continuous discharge is given. (Seecul.) Price, \$12.00.

# COMBINED KNAPSACK SPRAYER WITH KEROSENE ATTACHMENT.

For Mechanically Mixing Kerosene and Water, Dispensing with Emulsion.

This apparatus is practically the same as the Perfected Knapsack Sprayer offered above, with the addition of a separate tank for holding kerosene, which is automatically mixed with water when the handle is operated. (Descriptive executar mailed on application.) Price, complete, \$18.00.

#### THE "LENGX" SPRAYER.

A cheap sprayer for applying poisonous fluids, such as Paris A cheap sprayer for applying poisonous fluids, such as Paris green water, etc. to grapevines, low trees, bushes, potatoes, garden vegetables, etc. Can be carried either on the back or by hand, as desired. It is made of galvanized iron, holds five gallons of fluid, which flows through the rubber tube and is forced out in a spray by pressing the rubber bulb held in the hand; this spray will reach 10 to 12 feet. Price, with single sprinkling attachment as shown in the cut, \$3.50; or with double sprinkling attachment for two rows at once, \$5.00

The "Lenox" Sprayer is not adapted for threeving functions, such as Bordeaux Mixture, as the spray is not fine enough nor continuous as in the Knapsack Sprayer offered above.



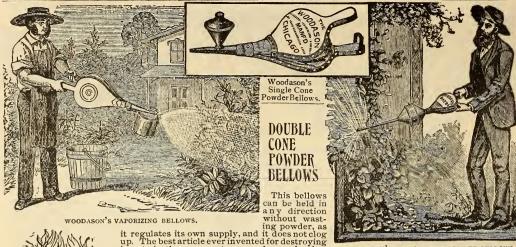
HENDERSON'S "SUCCESS" HAND FORCE PUMP.



"PERFECTION" SPRAYING OUTFIT

PERFECTED KNAPSACK SPRAYER





insects in the conservatory, garden, orchard or field; it will kill every bug upon one acre of potatoes, under the leaves as well as on top, in an hour. (See

cut.) Price, \$2.75 Price, large size, \$1.75. Small size (for conservatory and house use), \$1.00. (See cut.)

VAPORIZING BELLOWS. This throws a spray as fine as mist, rendering the use of strong solutions perfectly safe on tender foliaged plants; it forces the fluids into every crevice, without using half the quantity required by syringe or sprinkler. (See cut.) Price, large size, \$2.00. Small size (for house use), \$1.25.

#### THE ASBESTOS TORCH.

THE ASBESTOS TORCH.

Attach the torch to the end of a pole of suitable length; saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The and around the trunk of the truck where the insects lodge. The heat instantly destroys the insects and will in no way injure

the tree. (See cut.) Price, 5cc. each, or by mail 6cc.

This is one of the best articles for dusting potatoes, vines, etc., with powder insecticides. A slight jolting movement distributes the dust in a fine cloud. It is made scientifically correct, with a cylinder air-chamber projecting above the powder so that it never clogs. Another point of merit is the projecting dust guard, which prevents the powder from escaping beyond the plant being treated. (See cut.) Price, \$1.00 each.

NORTON'S PLANT DUSTER.

SINGLE CONE POWDER BELLOWS.

#### JUMBO POWDER GUN.

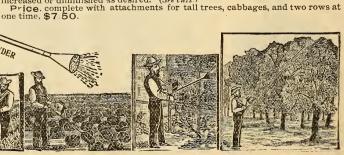
For applying insect powders on plants in the house or small gardens, it will hold about 40z. of powder, which is ejected and finely distributed by a pressure with the thumb. The "Jumbo" we consider the best small powder distributer on the market. (See cut.) Price, 20c. each, or by mail 25c. each.

#### EGGETT'S IMPROVED POWDER GUN.

For the quick and Economical application of dry powder insecticides to garden and field crops, bushes and trees. It is the best implement for the purpose ever invented, and will be found indispensable after once tried. For applying any dry powder, such as Paris Green, London Purple, Hellebore, Insect Powder, Lime, Plaster, etc. The powder being evenly distributed over a wide space and with the least possible waste; the work being more rapidly done than by any other known implement. It is 24 inches long, with four extra tubes, which when attached, make the whole length seven feet, weighs five pounds, it holds one quart of powder. By turning the crank a fan is rapidly revolved, which forces a current of air through the tubes that carries with it a small portion of

the tubes that carries with it a small portion of powder. The quantity may be increased or diminished as desired. (See cuts.)

JUMBO







WOODASON'S DOUBLE CONE POWDER BELLOWS



LEGGETT'S IMPROVED POWDER Price, complete with all the cuts, \$7.50. LEGGETT'S POWDER GUN.



Ant Destroyer. A non-poisonous powder which will destroy or drive away black ants from lawns, trees, plants, houses or other affected locality. *Price*, 1/4 lb. can, 25c. or by mail, 30c.; r lb. can, 75c. or by mail, 85c.

Carbolic Soap. For freeing animals from insects and washing the bark of trees and plants for scale, lice, etc. Price, 1 lb. cake, 15c., or by mail, 25c. Dissolve 2 02. to a gallon of water and apply with brush, sponge or spray.

Cole's Liquid Insecticide. For mealy bug, red spider, scale and aphis; we use it extensively in our greenhouses; it needs no further preparation and is one of the most convenient and effectual for ladies to use on house plants. Price, ½ pint tin, 50c.; by mail, 65c. Apply, undiluted, with a Vaporiser.

osc. Apply, undiluted, with a Vaporiser.

Fir Tree Oil. It frees plants of nearly all insects to which they are subject, and for the following it has no superior: Mealy Bug, Scale, Red Spider, Aphis, (black and green) Thrip, Blight, Worms and Slugs, and is also a valuable remedy for animal parasites and insects. Price, ½ pint tin, 40c, by mail, 5cc.; pint, 75c., by mail, \$1.00; qt., \$1.40; ½ gal., \$2.50; gal., \$4.25.

Dilute ½ pint to about to gallons of soft or rain water, (for tender plants or young growth make weaker.) Spray on with vaporizer, springe or bellows.

Fir Tree Oil Soap. One ounce makes

Fir Tree Oll Soap. One ounce makes a gallon of non-poisonous insect-killing liquid. Price, ½ lb. tins, 25C., by mail, 3cC.; 2 lbs., 75C., by mail, \$1.00; 5 lbs., \$1.75; 10 lbs., \$2.25; 20 lbs., \$5.00. By express only, purchaser paying carriage.

Hellebore. Powdered White. For the destruction of slugs, worms, caterpillars, etc. Less poisonous than Parls Green and London Purple and safer to use when fruits or vegetables are nearly ripe. *Price*, 25c. per 1b., or by real

by mail, 35c.

DRY APPLICATION.—Dust on dry, or mix 1 lb. with 4 lbs. of powdered lime or flour, dust on with powder duster or bel-

lovus or gun.
IN SOLUTION.—Dissolve 1 oz. to 3 gallons of water, apply with syringe, pump

or vaporizer.

Kerosene Emulsion. For plant lice of any kind, cabbage worm, scale insects on apple, pear, orange, lemon and other trees. (I gallon makes 15 gallons wash.)

One quart can, 30c.; r gallon can, 50c.; 5 gallon tin bucket, \$1.75; 50 gallon barrel, \$10.00.

ondon Purple. Very poisonous and equally as efficacious as Paris Green and more soluble in water. Price, 25c. lb., or by mail, 35c. lb.
Use in the same way as Paris Green. London Purple.

Paris Green. A poisonous, insoluble powder, indispensable on on the farm powder, indispensable on on the farm or garden—for preventing the ravages of potato bugs, codlin moth, worms, caterpillars, slugs and bugs. Price, 30c. per lb., or by mail, 40c. per lb.

DRY APPLICATION.—Mix with plaster, flour or other dilutant—I part to 100—apply with duster, bellows or gun.

IN SOLUTION.—Mix 1 lb. to 200 or 300 gallons of water. Apply with pump, syringe or yaborizer.

ringe or vaporizer.

BAIT.—For cut worms, mix 1 oz. with
8 ounces of syrup; mix thoroughly with
fresh chopped grass or leaves.

Persian Powder or Buhach. Henderson's Superior Grade. Cheap adulterated grades are worthles. A most effective non-poisonous inpalpable powder—so fine that it pene-trates the innermost crevices—for worms, flies, aphis and almost all kinds worms, files, apris and almost all kinds of insects—it is very effectual—suffocating them by filling up the breathing pores. Price, 4°C. lb., or by mail, 5°C. lb. DRY.—Blow on with a bellows or gun. SOLUTION.—Dissolve 1°02. to 3 gallons

of water; apply with syringe or pump.

Quassaine. This is a Concentrated Fluid Extract Quassia, held in suspen-sion by Whale Oil Soap. A cheap and reliable non-poisonous insecticide for hop lice, aphis and all scale insects; nothing better for rose bushes and house plants. Quart cans, (25 gallons wash,) \$1.00 per can; 1 gallon cans, (100 gallons wash,) \$1.50 per can.

Slug Shot. A non-poisonous powder — it requires no further mixing or preparation-not injurious or dangerous to animals, the person applying fruits and vegetables treated. it or Very effectual in destroying potato bugs and beetles, green and black fly. slugs, worms, caterpillars, etc. (By express or freight only.) Price, keg of 125 lb. net, \$5.00; barrel of 235 lbs. net, \$8.50; 10 lb. packages, each, 50c.; 5 lb. packages, 30c.; in tin cannister with perforated

top for applying, 25c. each; by mail, 35c.

Apply with duster, bellows or gun. 10
to 40 lbs. is sufficient for an acre.

Thrlp Juice. A concentrated extract arseniated, destructive for mealy bug, scale thrips, bark lice, codlin scale thrips, bark lice, codlin moth, canker worm, elm leaf worm, beetles, caterpillars, thrips, etc. Price, ½ pint can, 30c.; 1 pint, 50c.; 1 qt., 75c.; 1 gal., \$2.00; 5 gal. keg, \$7.0.

Mix ½ pint to 25 gallons of water and spray on with syringe, vaporizer or pump.

Tobacco Dust. For green and black aphis, fleas, beetles, etc. Splendid fer-tilizer and preventative for insects in the ground and around root. *Price*, roc. per lb., or by mail, 2cc. lb.; 5 lb., 35c.; 10 lb., 65c.; \$3.00 per barrel; per ton, \$25.00.

For insects on plants, apply with powder

duster or bellows.

For worms or grubs in the soil, apply liberally to the surface and rake in, or strew in the drills before planting.

obacco Extract, Concentrated. A powerful extract of to-bacco combined with sulphur for desbacco combined with sulphur for destroying plant lice, red spider, and insects of all kinds. Price, ½ pint, 3cc.; pt., 5cc.; qt., 75c.; gal., \$2.00.

Dilute 1 part to 10 or more of water and apply with syringe, vaporizer or pump.

For insects at the root, dilute as above,

and ap ly with watering-pot sufficient to reach the roots.

Tobacco Stems. Indispensable for fumigating greenhouses and conser-vatories—for the destruction of green and black aphis and other insects. Price, 50 lb. bale, \$1.00; 100 lbs., \$1.75; per ton, \$20.00.

Tobacco Soap. Effective for green and black aphis, turnip fleas, slugs, bark lice, etc. *Price*, 35c. per 1b., or by

mail, 4=c.
Dissolve 2 oz. in a gallon of water and apply with pump, syringe or vaforizer.

Whale Oil Soap. Makes an excellent wash for trees and plants where insects and eggs effect the bark, and for smearing on the trunks of trees to presmearing on the trunks of trees to prevent worms from crawling up. Price. 15c. 1b., or by mail, 25c. 1b.; 2 lbs., 25c.; 5 lbs., 50c.; 25 lb. and over, at &c. 1b. For insects on plants, dissolve & lb. to a gallon of water, apply with syringe or spraying pump.

For bark insects, etc., dilute with water to consistency of thick paint, and apply with hyuck

### REMEDIES FOR FUNGUS, SUCH AS MILDEW, RUST, BLACK ROT, ETC.

Copperdine. (Ammoniacal solution of Carbonate of Copper concentrated.) A famous remedy for fungoid diseases of plants, particularly for grapes, curing downy and powdery mildew, black rot, scab, etc. Price, 1 qt. can, 50C.; 1 gal. can, \$1.50; 10 gal. carboy, at \$1.35 gal.; 50 gal. barrel, at \$1.25 gal. By express or freight only.

Dilute 1 pint to 10 or 12 gallons of water, apply with Knapsack sprayer or Bellows vaporizer.

Sulphur, Flowers of. For the prevention and destruction of mildew on roses and other plants. *Price*, 10c. lb., or by mail, 20c. lb.; 10 lb., 60c.; 25 lb. and over, at 3c. per lb.

Apply with bellows or gun.

Bordeaux Mixture. A valuable and indispensable fungicide for grape growers—thereby insuring larger rops and finer grapes, and preventing failure. A sure cure and preventative for black rot, mildew and rust, also of great value for other plants suffering with kindred diseases. Price, 2 1b.
pkg., \$1.00. By express or freight only.
Dissolve 10 lbs. to 25 gallons of water,
and apply with Knapsack sprayer or va-

Fostite. A preventative and cure of mildew, black rot, etc. It is a powder, and should be blown on the plants at the rate of 25 lbs. per acre. Pric., 5 lb. pkg., 50c.; 25 lb. box, \$3.50; too lb. box, \$6.50; per bag of 220 lbs., \$8.73; per ton of 2,000 lbs., \$75.00.

Grape Dust, (Hammond's.) A non-poisonous powder for the remedy and control of mildew and rot on grapes, gooseberries, roses, etc. Price, 5 lb. pkg., 350.; 100 lb. keg. \$5.00. By express or freight only.

Apply with believes or powder gun.

Gulcide Powder, A combined Fungicide and Insecticide. Especially recommended for potato blight, potato
rot, mildew, rust, grapevine flea, beetie, potato bugs, slugs, codling moths,
curculio, strawberry crown borers,
etc. This article saves the cost of one application where fungicide and insecticide treatment is needed as well. It can be used either as a powder or in solution. 2 lbs. to a barrel of water. Price, 5 lb. pkg., 50c.; 25 lb. box, \$1.75.

