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CINERARIA
POLYANTHA $50^{\circ}$ PKL.
(NEW CRUENTA HYBRIDS)


GEORGE C.WATSON NUMER\& $\begin{gathered}\text { WANT STs. PHILADELP } \\ \text { WHIA }\end{gathered}$


Photograph of Lawn on Estate of J. W. Gribbel, Esq., Jenkintown, Pa., showing how good a green sod can be had in 6 weeks from sowing by the use of Watson's Lawn Grass. Sown Sept. 4th. Photographed Oct. 16th.

## THE COMMON SENSE OF LAWN MAKING.

Extract from an article by George C. Watson, in Public Ledger.
Nearly every seedsman says his mixture of grass seeds for lawns and pleasure, grounds is the "perfect" lawn grass; but a "perfect" lawn grass has not yet been discovered. The most a seedsman can do is to have an ideal and try to reach it. If he wishes to make a perfect lawn grass he can but use the best varieties for this climate, using the experience of the past as to what does best here and the proper proportion of each sort.
From first to last it is an endless chain, with links closely interlocking. The good, the indifferent, the bad grass mixtures-the world is full of them. But the good are hard to find. Are they worth finding? You can get a good lawn grass if you want it, but you must take the trouble to find it.

Many good gardeners tell us that a mixture is unnecessary, that Kentucky blue grass is all that is needed to make a perfect lawn, and will point to instances in their experience for a demonstration. This contention is so far true that seedsmen have now come to make Kentucky blue grass the founcation of their lawn mixtures. The reasons for adding other varieties to the Kentucky blue are various, one of the principal being that this fine species does not stand our hot summers so well as some others. Then again, it will not do as well as the wood meadow grass will in the shade of trees. For upland, where the soil is light, there is nothing better than the sheep's fescue, and for a tennis green or golf course, or any piece of grass where there is much walking over, the crested dogstail and hard fescue should always be used. Some species start earlier in the spring than the blue and some continue green later in the tall. The sweet vernal is greatly valued on account of its early growth. Rhode Island bent is a valuable permanent species for lawns, especially where the ground is at all inclined to be wet. In New England it is often sown alone to make a lawn, and in this latitude it is usually included in liberal proportion in a mixture. Meadow foxtail is a good permanent grass, and has come into favor on account of its being so well liked by sheep; and, by the way, there are no more useful animals than these in making a
good sward. They will pay for themselves twice over, in helping to make a good lawn.

It is hard to tell from looking at a mixture of seeds for a lawn whether all the proper varieties are included in it or how much pains have been taken in putting it tngether. Use will tell. But then it will be too late. The only sure way is to buy from a seedsman of experience and reliability. I have seen people using the sweepings of the hay loft, being persuaded that grass was just grass. The hay loft sweepings would most likely consist of timothy, red clover and weeds, all three of which are not wanted in a lawn, the first because it is not permanent, the second because it is too rank, the third because they are always in the ground in plenty anyway.

The best time to commence making a lawn is in the fall or early in the spring. First see that the drainage is good, and if it is not naturally so it must be made right before doing anything else. If the subsoil is of a sandy nature, or if the ground has a sloping undulation, no drainage will be required. The various levels of the ground should then be marked off and all inequalities removed. The leveling should be done very carefully, as the close cutting lawn mowers now in use expose any holes or inequalities verv conspicuously. After this the ground should be dug over to a good depth, and all stones and roots removed. In cases where the soil is very poor and sandy it should receive ten inches of good top soil from some old pasture, for it is useless to expect grass to grow unless there is sufficient nourishment for the plants to live on.

The best time to sow the seed is early in the spring, as the moist weather then experienced is favorable to the quick germination of the seed, and gives the young plants a chance to get established before the summer comes with its burning heat. The next best time is in September when the weather is comparatively cool, and sufficient growth may be made before the winter sets in. Sow thinly and evenly, selecting a calm day for the purpose. Cover the seeds with a wooden rake, and after the grass is well up, a moderately heavy roller may be passed over it to firm the surface. In fall sowing it is usual to sow oats with the grass seed to mother it: these will die out of themselves. During the season frequent mowings and waterings are necessary. Wuere the lawn is large enough to admit it put some sheep on-they will do wonders towards giving you a fine sod.

## COUPON FOR 1903

On all orders for packets and ounces amounting to $\$ 2.00$ or over, and accompanied by this coupon and the cash, we will send as a premium

## 6 BULBS

## NEW PIIKK JpPAHFSE LILY "IIILUM RUBELLUM" (Illustrated on page I8)

This premium at the regular rate of $\$ 20.00$ per 100 amounts in value to $\$ I .20$, and is made solely to induce our customers to grow this charming lily. We also offer the following prizes for competition at the spring show of the Penna. Horticultural Society, 1903 and 1904:

For Best Pot - not less than three bulbs in a pot, and not

| Second Prize | P | - | - | - | - | - |  | - | - | - | - |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Third Prize | - | - | - | - | - | - | - |  |  |  |  |
| Fourth Prize | - | - | - | - | - | - | - | - | - | - | 2.00 |

As the quantity of bulbs we have for distribution is limited, we advise early application. For cultural directions see other side.

# LILIUIM RUBELLUM <br> <br> Description and Cultural Notes 

 <br> <br> Description and Cultural Notes}

## By PETER BARR

When I saw the "Garden" plate of this lily in 1898 I thought it a form of Lilium Krameri, but since seeing Rubellum flowering in Japan I consider it a good species and am sure it will be extensively cultivated when better known and its culture understood. I cannot conceive of anything more beautiful than a six-inch pot with the plants of this lovely lily in flower in early spring. It is one of the earliest lilies, flowering a month ahead of Krameri. It grows about one foot high, compact and elegant, with flowers of a charming pink color. The leaves are shorter and paler green than Krameri. In pots, this lily should be grown in poor, stony, sandy loam with two inches of drainage and very judiciously watered from the time of potting. The soil must be kept moist, but never wet, and success will be sure to follow Out of doors, I would recommend a northern or eastern aspect, and failing this, plant under deciduous bushes, where the roots in winter will keep the bulbs comparatively dry, and shade the plants from the sun in the early spring. I think you should caution your clients against exposing the bulbs to a dry atmosphere; the scales are thin and soon shrivel, therefore if the bulbs cannot be potted up or planted out right away they should be buried in dry soil or out of doors in a northern aspect where they will take no injury from the weather and the bulbs keep plump.

## SELECT LIST OF VEGETABLE SEEDS FOR FORCING.

The following select list of Vegetable Seeds represents the approved varieties in use by successful market growers for forcing, at the present time. The choicest strains only are offered, regardless of expense. A dollar in the price of the seed is of small importance when the success or failure of a crop is at stake.


FROGMORE SELECTED FORCING TOMATO.
Frogmore Selected Forcing Tomato.
A free cropping, free setting, medium-sized variety, very uniform and smooth in outline, almost round in shape, solid and very firm; color, clear, bright scarlet, with very deep flesh and remarkably small seed space. Awarded a first-class certificate by the Royal Horticultural Society. Some of the large growers for the Metropolitan markets prefer this sort above all others. Packets, 25 and .50 .

## Lorillard Forcing Tomato (True).

When it can be got true this variety is still in the front rank. Watson's strain is saved specially by the originator, John G. Gardner, and is guaranteed pure and true to type. Packet, .15; I/2 oz., .50; oz., \$1.00.

## Stirling Castle Tomato.

A new, round tomato, producing a large quantity of finely-flavored and richly-colored fruit of medium size. Claimed by some to be the finest variety for forcing ever offered. A free setter and heavy bearer of large clusters of tomatoes. Trade packet, 25 .

## Eclipse Forcing Tomato.

A variety of the highest merit; a free setter and producing a great profusion of attractive fruit of fine, red color and high quality. Strongly recommended. Trade packet. .I5.

## Mayflower Forcing Tomato.

This well-known variety is highly recommended, especially for Spring Sozing. Watann's Extra Selected Strain. Packet, . 15 ; I/2 oz., .25; oz., .50.

## Sutton's Best of All Forcing Tomato.

One of the very best for under glass culture. It sets very freely, and is an immense cropper, producing heavy bunches of fruit at short intervals all over the plant. The first cluster is borne very low on the stem. Color, a deep scarlet; form, admirable, of good size, and the fruit very solid and producing very little seed. Watson's Specially Selected Strain. Packet, .15; I/4 OZ., . 40 ; I/2 OZ., .75; oz., \$1.50.

## Holmes' Supreme Forcing.

Received the highest award from the Royal Horticultural Society at Chiswick Tomato Trials, 1900. Round, scarlet, medium size, heavy cropper, succeeds best with good culture and liberal feeding. Original imported packets, . 25.

## Pepper's Prolific Forcing Tomato.

This new variety was raised by W. Robertson, gardener to John W. Pepper, a wealthy Philadelphian, near Jenkintown, Pa., and is pronounced by Mr. Gardner and other experts to be a valuable addition to the limited list of good forcing varieties. It will set better than any other variety during the dull winter months-an invaluable trait which will be fully appreciated by experienced growers. Fruit, scarlet ; oblong, deep and solid. It is an enormous bearer, and of excellent quality. Somewhat irregular in shape. Trade packets, .25 and .50 .

## Bailey's Forcing Book.

A practical, up-to-date work, invaluable to those who grow or intend to grow vegetables under glass. Contains full instructions how to grow tomatoes, cucumbers, lettuce and other vegetables. C. J. Pennock says: "It would have saved us dollars and dollars if we could have had it a few years ago." 266 pages, 88 illustrations. $\$ 1.00$ post paid.

## Select List of Vegetable Seeds for Forcing-Continued.

## LETTUCE.

Next to the Tomato the Lettuce is the most important under-glass crop, some authorities even placing it first. The following are the most approved forcing varieties in use at the present time. Our strains of these are most carefully selected.

Emperor Forcing Lettuce. A small early yellow variety, compact growe1, very crisp and tender, solid and beautifully colored; a favorite sort for forcing. Packet, . 05 ; oz., . 20 ; $1 / 4 \mathrm{Lb}, .50$.


LETTUCE PHILA. EY. LUTCH BUTTER.
Hittinger's Belmont Forcing Lettuce. A carefully selected strain of the Boston Market or white-seeded Tennis Ball, a distinct improvement and strongly recommended on account of its quick growth and firm heads. Packet, .5; oz., .10 ; 1/41b., 30.
Big Boston Forcing Lettuce This variety succeeds better in a cool house or a cold frame than any other forcing sort, producing large heads, I2 inches across, beautifully bleached, and of fine quality. It has also become popular in the South to grow for the Northern markets. Packet, .5; oz., .I5; I/41b., .40.

## Wheeler's Tom Thumb Forcing Lettuce.

A small, hard-heading variety, very solid and crisp and an excellent under-glass sort. Centres finely bleached and of a rich buttery yellow. Packet, .5; oz., .I5; I/41ヵ., . 40 .
Deacon Lettuce. While this is usually considered a summer Lettuce, there is nothing better for under-glass where extra large heads are wanted, and we strongly recommen 1 it for that purpose. The most sure heading of any large buttery variety. Packet, .5; Oz., .15; I/4 th, . 40 .

Orand Rapids Forcing Lettuce. A looseleaved sort, largely grown under glass in the West; a very handsome Lettuce and of delicious quality; light yellow, finely curled; a very popular market sort and highly recommended. Packet, .5; oz., .IO ; 1/4 1b., . 30 .

Phila. Ey. Dutch Butter Lettuce. This variety is largely grown in cold frames in the vicinity of Philade!phia and is probably the best of its class. Produces large, solid, finely blanched heads. Extremely hardy and heads well during cool spring and fall weather. Packet, .5; oz., .IO; 1/4 1D., . 30 .
Early Curled simpson Lettuce. Good forcing variety of the loose-leaved type; crisp golden leaves, with finely curled edges; does not head but forms fine compact bunches; very early. Packet, .5; oz., .10 ; 1/4 1b., . 30 .
Iceberg Lettuce. In addition to being one of the best of the crisp-head summer Lettuces this variety has also been found to be excellent for winter culture under glass. Medium size, conical heads tightly folded and beautifully blanched. Outer leaves, light green and finely crisped. Packet, .5; oz., .Io ; I/4 1b., . 40.


GRAND RAPIDS FORCING IETTUCE.
Detroit Market Forcing Lettuce. Similar in season and character to the Iceberg, but Golden Yellow in color. A grand, crisp head variety for growing in a cool greenhouse during the winter. Packet, 5 ; oz., . IO ; $1 / 4 \mathrm{lb} ., 40$.

## Select List of Vegetable seeds for Forcing-Continued.



## Forcing Radishes.

New White "Ic cle" Radish This distinct new Radish from. Germany, is the finest and longest of the very early pure white varieties. It fully equals in crisp, tender flesh and mild flavor the popular White Vienna or Lady Finger, while it is as early as Long Scarlet Short Top. The young radishes are ready for use in twenty to twenty-five days from sowing the seed, and their long slender form and pure paper-white skin are most attractive when bunched for market. This Radish is not only crisp and tender when young but retains these qualities until the roots attain large size, so that it will remain in fine condition longer than any other zery carly variety. The roots grow nearly as large as the Chartiers before becoming hollow or pithy. It is far superior to the so-called White Chartiers and White Wood's Frame. As roots develop very quickly, they can be pulled when quite young and the leaves are short and very few in number. It is excellently adapted for forcing purposes or successive sowing in the open ground and gives a continuous supply of tender, crisp radishes for the table or market throughout the season. Per pkt., 5 cts.: oz., 15 cets.; $1 / 4 \mathrm{lb}$., 40 cts.

NEW WHITE "ICICLE" RADISH.
Ex. Ey. Sct. Button Forcing Radish. An extra early variety, being frequently picked is to 20 days from sowing. Very crisp and tender, and the best of its shape, class and color. Pkt., 5 cts.; oz., Io cts.; 1/4 lb., 30 cts.


Ex. Ey. White Tip Ect. Turnip Radish. Sometimes called "Rosy Gem," and the variety used to produce the small "Cherry-stone" Radishes. Bright scarlet, tipped white. Twenty days. Pkt., 5 cts.; oz., Io cts.; I/4 lb., 30 cts.

## Triumph Ex. Ey. Sct. Striped Turnip Radish

 White, striped and dotted with scarlet. Size and shape similar to the two preceding. A distinct and desi.able addition. Twenty days. Pkt., io cts.; oz. 25 cts.; I/4 lb., 75 cts .
## Extra Early Olive. Shaped Forcing Radishes.

Burpee's Earliest White. Pure white, crisp and tender. The earliest of all, and the best pure white variety for forcing. 16 to 20 days. Pkt., 5 cts.; oz., 10 cts.; I/4 lb., 25 cts.

Earliest Carmine (Syn-Red Rocket; Sct. Globe). Bright scarlet, very early and of excellent quality. The best in its class and color. Pkt., 5 cts.; oz., ro cts.;

## ENGLISH FORCING CUCUMBERS

This class is grown under giass exclusively. The following selection is the cream of the approved English varieties:

Rechford's Market<br>Rollinson's Telegraph<br>Marquis of Lorne

## Lockie's Perfection

Blue Gown
Duke of Edinburgh
Per pkt., each 25 cts.; per 100 seeds, each $\$ 2.00$.

## AMERICAN FORCING CUCUMEERS.

The varieties most in use in this class are the follow.

## Bennett's White Spine A week earlier than Improved White Spine, and retains its glossy dark green

 color much longer on the vine. Pkt., 5 cts.; oz., 25Arlivgton White Spine. An early, large, smooth variety; very productive. Specially selected for under glass, but also a good one for open. Pkt., 5 cts.; oz.,

## Fordhook White Spine. A highly selected strain.

 Many claim this one retains its dark green coloring and crisp freshness longer after picking than any other variety. Pkt. 5 cts.; oz., $25 \mathrm{cts}$. ; 1/4 lb., 75 cts .Long Evergreen White Spine. Smooth, regular, fruits; frequently twelve inches.long; productive and handsome. Pkt., 5 cts.; oz., $25 \mathrm{cts}$. ; $1 / 4 \mathrm{lb}$., 75 cts.

## MINOR FORCING VEGETABLES.

Bean, Zion House Fo cing $\begin{array}{ccc}\text { Pkt. } & \text { Pt. } & \text { Qt. } \\ .10 & .25 & .55\end{array}$
Ne Plus U-tra; green flat

Caulifower, Extra Early Dwarf Erfurt ${ }^{\text {Euliflower. Early Snowbali, Ex- }}$10 -50Carrot Ext a Early Parisian
Forcing, small, round, flat; excel
lent for under glass or open ground
Carrot, Caren an, half long, scarlet ..... 40
Egg Plant, Ex. Ey. Dwarf, round, ..... 65
Fepper, Sweet Mountain, the best
Beet, Extra Early Egyptian (Cros- ..... 75
by's strain) $\begin{aligned} & \text { barsley, extra dark, moss curled................ } 05 \\ & \text {.io }\end{aligned}$ ..... 25
25
ENGLISH FORCING MELONS.

Blenheim Orange. Red fleshed, oval, medium size, highly perfumed, fine quality. Pkt., 25 cts . Hero of Lockinge White fleshed, globular, medium size, less aromatic than Blenheim, but tender and exo cellent. Pkt. 25 cts.
Gunton Scarlet (Veitch). Scarlet flesh, oval, medium size, flesh of great thickness and delicious flavor, an abundant cropper and sets freely; a very handsome fruit; award of merit R. H. S., I898. Pkt., 50 cts.
Royal Sovereign From the Royal Gardens, Wind sor; white flesh faintly tinged with green, and very deep; fine flavor and robust habit; will finish off a larger crop than any other variety; award of merit R. H Diamond Jubilee

Flesh green; medium size, oblong, exquisite havor, free growing, hardy; first-clasg certificate S. H. S., Edinburgh, 1897. Pkt., 50 cts.

## SELELT LIST OF VEGETABLE SEEDS FOR OPEN GROUND.

 in their respective classes with the varieties we list separately fo "under glass culture." No inferior strains are carried, the aim being to give the best type in each class and every one at its highest perfection through careful selection.| Beans-Dwarf Green Pod Varieties. |  |  |  |
| :---: | :---: | :---: | :---: |
| Ex. Ey. Red Valentine | . 25. | I. 25 | 4.25 |
| Ex Ey Refugee | . 25 | 1.25 | 4.25 |
| Early Mohawk | . 25 | 1.25 | 4.25 |
| " Yellow Six Weeks | . 25 | 1.25 | 4.25 |
| Burpee's Stringless | . 25 | 1. 30 | 4.50 |
| Uwarf Wax Pod Varieties. |  |  |  |
| Black Wax Dwarf German | . 30 | 1. 85 | 6.50 |
| Golden Wax (Currie's) | . 30 | I. 85 | 5.75 |
| Wardwelli's Kidney Wax | . 30 | 1.85 | 6.00 |
| D warf Limas. |  |  |  |
| Dreer's Bush Lima | . 30 | 1. 85 |  |
| Burpe,'s Bush Lima | . 30 | 1.85 | 6.75 |
| Wood's Prolific Bush Lima | . 30 | 1.85 | 6.75 |
| Pole Limas. |  |  |  |
| King of the Garden | . 30 | 1. 85 | 6.75 |
| Dreer's Improved | . 30 | 1.85 | 6.75 |



IMPROVED BLOOD TURNIP BEET.
Beets-Garden Varieties.


Beets-Sugar Varieties.

| French Silesian | . 20 | 90 |
| :---: | :---: | :---: |
| Lane's Impreved | . 21 | . 90 |
| New Danish Sugar | . 32 | I. 45 |
| Wanzleben Improved | . 21 | . 95 |
| Mangel=Wurzel Beets. |  |  |
| Memmoth Long Red | . 20 | .90 |
| Go den Tankard. | . 20 | 90 |
| Red Globe | .20 | . 90 |

## Cabbage -Early Varieties.



## Cabbage - Winter Varieties.



## Carrots.



## Carrots-Stock Feeding Varieties.



## Cauliflower.

|  |  |  | Pkt. | $1 / 4 \mathrm{Oz}$. |
| :--- | :--- | :---: | :---: | :---: | Oz.



## Celery.



## Select List Vegetable Seeds for Outdoor Culture--Continued.

Sweet Corn-Early Varieties.


Sweet Corn-Main Crop Varieties.


Endive.



BURPEE'S QUARTER CENTURY TOMATO.

Cucumber-Early Varieties.
(See i'age 3 for Forcing Tiarietio.

## Lettuce-Butterhead Varieties.

(See Page 3 for Forcing Varieties.)

Thorburns Everbearing
Jersey Pickling (Green Prolific) . .
Early White Spine
Cucumber-Other Varieties.
London Long Gireen.
Nichols' Medium Green
Livingston's Evergreen
Gherkin

## Dandelion.

Improved Thick Leaved

## Egg Plant.



Purple . . . . . . . .

Phila. White Cabbage .. ...io .-5 3.50
Burpee's Silver Balı . . . .io . 5 t.00

California Cream Butter .................
Blonde Blockhead . . . . .i, .. . . . . . .
Lettuce-Curled=head Varieties.
Denver Market . . . . . . . . . . . 10 . 95 4.50

Hanson ....
4.50

Hanson
3.50

Iceberg
Henderson's New York
$+1.00$

## Lettuce-Cutting Varieties

Ey. Curled Simpson

Romaine White cos
3.50
…0

## Select List Vegetable Seeds for Outdoor Culture-Continued.

MUSKMELON.


WATERMELON.
Mammoth Ironclad
Long White Icing
Round Dark Icing
Kleckley Sweets
Dixie
Colorado Preserving
OKRA.
Dwarf Prolific
ONION.
Danvers' Yellow
Danvers' Yellow Glube
Strasburg, or Yellow Du'ch
Prizetaker
Red Weth rsfield
Phila. Silver Skin (for sets)
Southport White Ulobe
" Yellow " Red
" $\begin{array}{ll}\text { " } & \text { Rellow } \\ & \\ \end{array}$
10
10

Italian Varictics
Ex. Ey. Wh te Queen
Grant Yellow Rocco
" Red
" White
Mammoth Silver King
" Pompeii
PARSLEY.
Finest Double Curled
Fern-leaved

## PARSNIP.

Long Smo th, or Hollow Cronn PEA.

Phila. Extra Early
Nott's Excelsjor
American $u$ onder
Gradus (Prosperity)
Main Crop Varieties
Horsford'\& Market (ia den
McLean's Advancer
Stratagem, Improved
Telephone
Carter's Dai $=y$
Champion of England
Yorkshire Hero
. 15
. 15
20


Heroine
Mamm'1h Melting Sug r F Eib'e podded)

PEPPER.


## POTATOES.

The Best Varieties
(Prices on Application)
PUMPKIN.
Mammoth Potiron (Jumbo, King of
the Mammoths) ........................ I5 I. 50 7.25

Large Field (Big Tom) ........... . . IO . $50 \quad 2.25$
White Cushaw, or Crookneck ..... .Io $85 \quad 3.75$
New Japanese.............................. (crop failed)

## RADISH.

(For Early Forcing Varieties See Page 3.)
White Strasburg.................. . . 05 . $55 \quad 2.50$
Long Cardinal . . . . . . . . . . . . . . . . . . 05 . 60 2.75
Chartiers . . . . . . . . . . . . . . . . . . . . . . . 55 . $60 \quad 2.75$
Long White Vienna ................ . 05 . 60 2.75
Chinese Rose Winter.............. . . 05 . 502.25
Round Black Spanish ............. . . 05 .5u 2.25
Celestial White Chintse ......... . 05 .0- 3.00
SALSIFY.
Mam. Sandwich Island ............... Io I.IN 5.25
SPINACH.
Bloomsdale Savoy=leaf............ 05 25. 1.10
Enkhuizen Long standing ........ .05 . 55 I.IO
New Victoria . . . . . . . . . . . . . . . . . . 05 . 25 I. 10
SQUASH.
Summer Varieties

| Mam. Wh. Bush Scallop | . 05 | . 5 | 3.75 |
| :---: | :---: | :---: | :---: |
| Ut. Summer Crookneck | . 65 | . 5 | 3.75 |
| White Pineapple | . 05 | . 85 | 3.75 |
| Winter |  |  |  |
| Hubbard | . 10 | 1.25 | $5 \cdot 50$ |
| Fordhook | . 10 | 1.3 : | 5.75 |
| Mammoth Whale |  | 1.15 | 8.75 |
| Chicago Golden Hubbard | . 10 | 1.25 | $5 \cdot 50$ |

## ТОМАТО.



# Watson's "Prolific" GENUINE ENGLISH MUSHROOM SPAWN 

GET THE

GENUINE W.P. BRAND

## FOR RESULTS

## Guaranteed Fresh and Full Spawned



As is well known, good spawn is one of the chief foundation stones in successful mushroom culture and should receive the first attenti m. Much better spawn can be got to-day than fourteen years ago when the Watson Brand was first put on the market, but this improvement has been brought about largely through the educative influence and the liberal advertising given to a superio: article. Although spawn closely approaching the Watson in quality can be got from one or two sources to-day, it is still true that none of them are equal in two important respects: (I) yield and (2) earliness. The Watson has been tried again and again alongside the most highly lauded and has proven the heaviest cropper, and the earliest to come into bearing. Another reform in which the Watson Brand was the pioneer is the cost of spawn. Absurdly high prices were the rule until a more rea sonable and equitable figure was forced on the most conservative by the example of a firstclass brand being sold at a fair price. Notwithstanding the keen competition of to-day the Watson Brand figures are as low as any reliable stock can be bought for, while the quality is of the same high standard as heretofore. This being granted it follows that mushroom growers should procure their spawn from the pioneer in "a good article at a fair price" and take no chances with importers of less experience.
Note Hy Low Prices: ${ }^{25}$ pounds, $\$ 2.00 ; 50$ pounds, $\$ 3.50$; 100 pounds, $\$ 6.00$ per brick, 25 c.

## Books on Mushroom Culture

Falconer. The Standard American work on this subiect; 170 pages, finely illustrated; treats exhaustively of those who should grow mushrooms; growing mushrooms in cellars; in mushroom houses; in sheds; in greenhouses; in the fields; of manure for mushroom beds and its preparation; making the mushroom beds; Spawn and spawning; loam for the beds and earthing over; temperature; watering; gathering and marketing; re-invigorating old beds; insect and other enemies; culture out of doors, cooking, etc.

## By mail postpaid, on receipt of price, $\$ 1.00$

Robinson. A book of 172 pages, freely illustrated, tells where mushrooms may be grown, and treats fully on mushroom culture in the mushroom house, the preparation of materials, Spawn, spawning and after treatment; culture in sheds, cellars, arches, outhouses and all inclosed structures; cave culture of mushrooms, near Paris; culture on prepared beds in the open air in gardens and fields; culture in gardens with other crops in the open air; culture in pastures. Gives illustrated and descriptive list of varieties of mushrooms and other edible fungi, modes of cooking, etc.

## By mail postpaid on receipt of price, $\mathbf{6}_{5} \mathrm{c}$.

Watson. A little booklet of 24 pages containing in a condensed form practical instructions for raising mushrooms successfully. Ten cents.

Free to buyers or intending buyers.

## Watson's Reliable Flower Seeds.

If you want "select strains" of the principal florists' flower seeds give Watson's a trial. Twenty-seven years' experience behind every order filled. It is not what the seed costs you, but what it will produce that counts. We go to extreme pains to get the very best regardless of cost. Our strains of Aster, Cyclamen, Petunia and other florist flowers are especially fine and will give the best results. Kinds right; prices right; no trash; and they are fresh and clean. Will appreciate trial order.


"rainbow celosia." (C. spicata.) Novelty 1902, Packet, . 25.
(See next col. for description.)
P. 100 S. P. 1000 S.

Asparagus
Plumosus Nanus
\$1.00
$\$ 8.00$ Sprengeri . . . . . . . . . . . . . . $25 \quad 2.00$

4 I have made special arrangements for an ample supply of both Asnaragus Plumosus Nanus and Asparagus Sprengeri, both of which grow easily from seed, and offer at the above low rates.

Tr. Pkt. Oz.
Aster, Vick's Branching, choice mixed .. . 25 \$1. 25
Aster, Vick's Branching, choice mixed .. .25 \$1.25 Mignon, pure white ..............25 2.00 Ostrich Plume, pure white ....... 25 Truff, Peony Perfection, white .. . 25 . 25 2.00 2.00 2.00
2.00
2.00
2.00
2.00
.75
.75
.75
.75
Tictoria, white ....................... finest mixed .20 $\quad .75$ pink ............................... . . $25 \begin{array}{ll}25 & 2.50\end{array}$ blue . . . . . . . . . . . . . . . . . 25 crimson . ............... . . 25

Camellia $I^{\prime \prime} l^{\prime} d$, finest mixed . 15
$15 \quad .75$
I.00

Tuberons-rooted, single, finest
mired, ( $1-32 \mathrm{oz}$. \$2.00) ........ . . 50 Semperfiorens, "Vernon" ....... . $25 \quad 5.00$

Dwart . 25
Bellis Perennis (Double English Daisy),
finest mired . . . . . . .............. . . 25
2.50

Calceolaria, Grandifiora Hybrida Tigered and Self-colored, in splendid mixture (half tr. pkt., .50) 1.00
Calendula, Prince of Orange, dark yellow . Io
Candytuft, Empress, white ...................... 10
Tom Thumb, white . . . . . . . . . . . .
Finest Mixed ....................... . . . 05
Finest Mixed ........................ 05 . 15
Canna, Crozy's New L'g'e H'l'g, choicest mixed (1!). \$r.25)................ . 05 . 10
Carnation, Early F'l'g, Dwarf Vienna, double white .................. . $50 \quad 4.00$ Early F'l'g Dwarf Vienna, double mixed
Marguerite Imoroved, Half Dwarf, choicest mixed . . . . . . . . . . . . . . . 25
Celosia, Glasgow Prize, extra fine ...... 50 I.50 Plumosa, choicest mixed .............. $\quad .25$ Spicata (Novelty 1902-see cut) . 25
Celosia Spicata is a good thing resurrected-it is one of the most charming of all the Celosias, and might be fittingly called "The Rainbow Celosia" on account of its charming variety of color. The flowers open fresh bright rose, changing gradually to a silvery white, and having all the intermediate tints according to age. The elegant, long-stemmed flowers preserve their beauty even in unfavorable weather and are excellent for cutting. They can also be dried and treated as an "Everlasting." (See cut.)

## Watson's Reliable Flower Seeds-Continued



O Our strain of Cineraria-the James \& Weth-erill-is very choice, producing flowers of the largest size and of the most refined form, with good substance and great variety of colors. Highly recommended.

Cineraria Polyantha (Stellata)
De C. Polyantha is a cross between cruenta and the well-known greenhouse form, and produces immense trusses of flowers borne on long stalks well above the foliage. The blossoms are star-shaped and smaller than hybrida $g r$., and run through the various combinations of white, violet, lilac, almost to red shades. A magnificent greenhouse plant.

Tr. Pkt. Oz.
Cobœa Scandens, blue
15 . 40
Convolvulus Major (Morning Glory) maxed

Cosmos
Cosmos lammoth, choice mixed .......
Dawn, dwarf early fiowering, white
Cyclamen Persicum Giganteum (per iooo seeds, \$5.oo)
Our large flowering Cyclamen is the true Gigan-teum-the choicest English strain-much superior to the grandiflorum types of France and Germany. Very large flowers and choice colors.

Tr. Pkt. Oz.
DianthusChinensis (China pink), dbl. mx. . 05 . 20 Dracena Indivisa (Cordyline), clean seed, . 25 I.oo
Elichrysum (Everlasting), double, finest mixed

IO
Gaillordia Grandiflora, finest mixed ..... . . .
Grevillea
Robusta (New Zealand Silk ()ak)

520 The Grevillea is a fine ornamental foliage plant easily raised from seed. Excellent for large vases or as pot plant in winter. Good as a palm for many purposes.

(iREVILLEA ROBUSTA


CINERARIA HYBRIDA GRANDIFLORA
Gypsophila Paniculata, white Tr. Pkt. Oz.
0 Commonly known as "Baby's Breath"-a fine thing for mixing in bouquets of Sweet Peas, and flowers of a similar character-giving an airy and graceful effect altogether charming. (See cut page 19-G. Paniculata and Begonias.)
Hollyhock, Chaters' Superb Prize ........ . 25 3.00
Allegheny New Double Fringed,
Impatiens Sultani, fiery scarlet ..........
1.50

Ipomoea Grandiflora Alba (Moonnower), 15 . 40 Imperialis, mixed (Japanese Giant Morning Glory)
Quamoclit (Cypress Vine), mixed
Linaria Cymballaria (Kenilworth Ivy)
Lobelia Gracilis, light bluc, trailing, for Gracilis, light blue, trailing, for
baskets
Crystal Palace Compacta, blue, for Crystal Palace Compacta, blue, for
pots or bedding ...............
$\qquad$
.. Crystal Palace Compacta, blue, for 10.40

Marigold Dwarf French, finest mixed
African
Matricaria Capensis (Feverfew) dbl white,
Maurandia tine mixed ................
Climulus Moschatus (Musk Plant)
Musa
Ensete (Abyssinian Banana),
roo \$1.00


Myosotis Dissitiflora, dk. blue, early.... Palustris, blue (Forget Me $\mathrm{No}^{+}$) Semperflorens, tree flower
Nasturtium Dwarf.
Golden King, golden yellow ............. . . 05 . 15
King of Tom Thumbs, scarlet ................ . 05 . 15
Lady Bird, orange, with red spots ...... . 05 . 15
Pearl, creamy white
Prince Henry, creamy white with red spots .05 . 15
Regelianum, purøle ....................... . 05
Rose, soft rose
Ruby King, crimson rose
.05
.05
Spotted, red and yellow ................... . 05 . 10
linest Mixed .......................... b. . 50 . 05 . 10
Finest Mixed Nasturtium, Tall. Nasturtium Lobbianu
Finest Mixed

## Nasiurtum Madam Guother Hybrids.

Finest Mixed ................................. 05

## Watson's Reliable Flower Seeds-Continued.



PANSY, IMPROVED CASSIER
Pansy,
Tr. Pkt. Oz.
sy, very fine mixed
Englisine mixed ................ . 15 . 75
French lge flg. finest mixed 20 I. 100
I .50 Trimardeu Giant, mixed 20 I. 50 Bugnot, Cassier and Odier Strains,
.25 2.00

> superb mixture, giant fls. Zirngiebel's Giant Fancy "،
.50
.00


PETUNIA HOWARD'S STAR.
Pkt. .25; 5 pkts., \$1.00; 12 pkts., \$2.00.
. 0 Howard's Star Petunia is a novelty of 1902. Unique in its markings, of fine form, and with substance equal to that of the finest pansy. Mr. Howard has exhibited at all the recent Metropolitan Shows, and has received the highest encomiums for this fine strain-the result of twenty years' careful selection. (See cut).

Tr. Pkt. Oz.
Petunia Hybrida, Compacta Nana "Snozv-
$.50 \quad 3.00$
. Grandiflora, Single Fring. ed, choicest mixed, supurb size and colors
Hybrida,
D
$b l$
$l$ . grandiflora, fring ed and plain edged, extra quality, finest mixed
1.00
1.oo

Phlox Drummondi grandiflora, large flowei lng, splendid mixed
. 60 Drummondi Nana "Snowball", white
2.00
2.00
2.00 "Fireball" scarlet .25
2.00
2.00 Silver-leaved Star (Novelty 1902) 25
Ras The Silver-leaved Phlox is a charming novelty from Germany, with beautiful variegated leaves, reminding one of Dracena Sanderiana. The flowers are of rose and carmine shades, daintily toothed and fringed. Height, I foot; branches freely; vigorous; highly recommended, either as a pot plant or for the npen border. (See cut.)
Poppy, Peony-fld. fine mixed (double) .. . 05
The Shirley, choice mixed (single) . 05

## Portulaca grandiflora, finest mixed ...... <br> .05

mixed
double flg., splendid


SILVER-IEAVED PHLOX.

## Watson's Reliable Flower Seeds-Continued.



PRIMULA CRINENSIS (Chinese Primula).

Tr. pkt.
Primula Forbesi (Baby Primrose), pink . 50 Obconica, new lge. flg. hybrids . . . 50 Chinensis, Sgl. fringed lge flg., choicest quality (Cov. Gar. strain) 1.00

A2 Our strain of Chinese Primula is the finest procurable, and is second to none either in size, substance, habit or colors. We can highly recommend it.

Primula Stellata (Star Primula), mixed . 50
P. Stellata is a choice subject and one of the most useful greenhouse plants in cultivation. Excellent for pot culture, the graceful habit of the plants rendering them particularly serviceable for table decoration, and for cut flowers they are invaluable. The dark red flower stems and foilage form a pleasing contrast to the flowers, which are of long duration.

Polyanthus Collins Bros. \& Gabriel's New Giant Strain; a very choice selection, the result of many years' careful culture. Large flowers, long stems, and charming colors. . . . . . . . . . . . . . . . . . . . . . . . . . . 25

Primrose, G. F. Wilson's New Blue .... . 25

[^0]

PYRETHRUM $\triangle$ UREUM (Golden Feather).
Tr. Pkt. Oz。
Pyretbrum Aureum (Golden Feather) .. .Io
Reseda Odorata (Mignonette) lge flg. 05
", Machet, dwarf, a select variety $\begin{aligned} & \text {. } 15 \\ & \text { Mignoner }\end{aligned}$
" Miles Spiral, large spikes .... . 05 . 15
Ricinus Bictoria, dark red......................
Sanguineus, red stem, green foliage .05 .15
Cambodgensis, dark foliage .... .05 . 15


RESEDA ODORATA (Mignonette "Machet").
Salpiglossis Grandiflora, mixed ........ . 15
Although the Salpiglossis flags quickly after cutting, it soon revives when placed in water and lasts a long time. The flowers are beautifully pencilled in rich tints of yellow, purple and brownish red. Very free flowering and splendid for cutting.

## Watson's Reliable Flower Seeds-Continued.



## Tr. Pkt. Oz.

Salvia Splendens (Scarlet Sage) .......... . 25 1.00
Scabiosa (Sweet Scabious) dbl. mxd.... .. . 05 . 25
Double White (Snowball) ......... . 05 . 25
Schizanthus (Butterfly Flower), fine mixed . 05 . 15
Schizopetalon Walkeri (Laced Crucifer)
white ..................................... . . 10 . 50
Stock Dresden White (Princess Alice) ... . $50 \quad 3.00$
" German 10 wk, lge. flg. finest mixed 252.00
Dwarf Snowflake, double white ....i.оо 10.00

## SWEET PEA -Cupid or Dwarf Varieties.



## SWEET PEA - Large Flowering Varieties.

Apple Blossom, bright rose and pink ...... . 05 . 30
Blanche Burpee, Eckford's large, pure white .05 . 40
Blanche Ferry, Extra Early, the popular pink and white; 10 days earlier than type .. . 05
Countess of Radnor, pale mauve or lavender .05 Dorothy Tennant, deep rosy mauve; very fine . 05 Emily Henderson, pure white; blooms early . 05.40 .35 Her Majesty, beautiful rose; fine, bold flower . 05 40
.30 Katherine Tracy, soft, brilliant pink ....... . 05 . 35 Lottie Eckford, white, suffused with lavender
blue ......................................... . 05 . 35 Lovely, soft shell pink-well named
$\qquad$
Mars, Eckford's large, bright scarlet...... . 05 . 45
Mrs. Eckford, shaded primrose yellow, beau.
tiful ......................................... . . 05 .45
Navy Blue, deep violet blue; large; extra
fine ........................................... . . 05
Prima Donna, a lovely shade of soft pink.. . 05

## Sweet Pca, "Christmas"

Oz. Lb.
This Pd. .................... 25 2.00 This new variety has proved to be very superior for florist's tise. In color, it is similar to Blanche Ferry, the rink showing up brishter than in that old favorite. It is an early and continuous bloomer, coming into flower in about ten weeks from date of sowing, and the plants are about eighteen inches high. When the bottom branches commence to flower, stems fourteen inches long, with four flowers on each, are the rule. It is a dwarf grower, rarely reaching more than five feet. Many of my customers have spoken highly of this variety, and I have pleasure in recommending it to all who grow Sweet Peas for market. Robert Lockerbie, Holyoak, Delaware, writes, under date of August roth, 1901: "In reply to your inquiry about Christmas Sweet Pea, would say that I consider it one of the best things I have ever grown in the Sweet Pea line. It is a money maker and everything that is claimed for it. I find it a splendid cropper, very early and dwarf growing. It also bunches well, there being four flower= on each stem, and the stems are of good length. Altogether it is a most profitable and desirable variety." Oz., 25c.; lb., \$2.00.

navy blue siveet pea. SWEET PEA - Mixtures.

Oz. Lb.
Watscn's Perfection Mixture, combosed of the finest large flozvering rarieties only; very choice ............................... . 05
Eckford's New Mixed ........................... . 05 . 35
Fine Mixed ....................................... . 05 . 25
(iood Mixed ........................................ . 05 . 20

## Watson's Reliable Flower Seeds-Continued.



SMILAX.

Smilax, lb, \$3.50 ......................... . . . 10 . 35
Thunbergia Alata, fine mixed ........... . . 10 . 30
Torenia Fournieri, finest mixed ........ . 25 2.50
Verbena, Mammoth, finest mixed ........ . . 25 1.00
Vinca Rosea, finest mixed .................. . 15 . 50
Wallflower, Double German, finest mixed, .253 .00
" Single, " " "
$\mathbf{Z i}^{\mathbf{n}}{ }^{\mathbf{n}} \mathbf{i a}$ Elegans Grandiflora, extra choice muxed ............................ . 15 . 50

## DESIRABLE NOVELTY

"Collaret" Dahlia. This new type of Dahlia possessses round its disc a series of florets producing a highly ornamental effect, hence the name "Coilaret." There are two varieties already introduced, President Vigor and Joseph Goulion, and these are the precursors of a new race absolutely distinct from any other. We are pleased to be able to offer seeds gathered from these two varieties, which will produce flowers of various and unexpected colors. The proportion coming true from seed is very good. First prize Paris Exhibition, Igoo. Packet, 35 c .

## SOMETHING EVERYONE SHOULD HAVE.

Jspanese Fern Balls. - These are known also as the "Mikado Fern Balls," and have been truly described as the best house plant novelty in ten years. Every florist and store man ought to have a supply. Sell on sight. Soak the bail fifteen minutes in water and suspend in any desirable position; repeat every two days until growth is started, after which sprinkle occasionally. Dormant Balls, 7 to 9 in. diameter, $\$ 25,00$ per 1oo, $\$ 3.00$ per 10, 35 c . each.


## Some Desirable Novelties for 1903.

## African Daisy or Blue Eyed Marguerite. (Arctotis Grandis.)

Remarkably handsome new annual from Scuth Africa; flowers white and lilac, $2^{1 / 2}$ io 3 inches diameter; free bloumer, long stems. Pkt. 25c.

## St. Bridgid's Anemone.

A selection of the spring flowering Anemone (Coronaria) from Ireland; very large flowers and fine colors. Pkt. 25c.

new dahlia-Clifford w. bruton

## "Evening Star" or "Helios'" Chrysanthemum.

## (Chrysanthemum Segetum.)

A remarkable novelty from Europe with pure golden-yellow flowers 3 inches diameter; fine for cutside sulture as it stands wet weather well, the petals remaining firmly extended, rain or shine; also a capital substitute for "Etoile d'or" the yellow Marguerite so much used for cutting and with the advantage of requiring only the treatment of an ordinary annual. Pkt. 25 c .

## New Eschscholtzia (California Poppy). (Erecta Compacta).

A new selection of this valuable annual of very good, upright and compact habit, showing its bloom up far better and more free flowerirg than the old varieties. Two colors are offered this year-

Rose Queen, Rich rose, and Mandarin, rich deep orange, shaded crimson. Each, per Ikt 15 c .

## Allegheny Hollyhock (Wohlert's Si rain).

This strain is the result of a number of years' careful selecting and crossing of this favorite form of the Hollyliock. Highly recommended. Pkt 25c.; ounce, $\$ \mathrm{I} .5^{\circ}$

## Linaria "White Pearl." <br> (Maroccana.)

A stiong growing and free flowering annual with pure white snapdragon-like flowers; very useful for cutting, the buds opening well in water. Plkt. 25:-

## Poppy "'May Campbell."

A dwarf form of "Snowdrift" 15 to 18 inches high, with loriy pure w: ite flowers, very dauble and freely produced. The petals are gracefully lacinated. Excellent for cutting if gathered before fully expanded. Pkt 25 c .

## Crimson Winter Rhubarb.

This new variety from Australia, Luther Burbank considers the greatest novelty he has ever introduced. It is the earliest of all and fit for use not only in the spring but all through tinc summer and fall. In the Southern and Pacific States it may be uod all the year round, requiring only water in dry localities, to keep it growing. Forces readily and wili prove excellent in the North for this purpose. For shipping North from the Southern States during the winter months, promises to be very protitable. A rapid and perpetual grower and very hardy. When cooked a beautiful crimson colored sauce is the result; very sprightly flavored. Small plants, $40 c$. each; three for \$1.00; ro for $\$ 5.00$.

new yellow paris daisy "helios'?

## New Dahlia-Clifford W. Bruton.

The finest clear yellow Dahlia in existence. Five to sil inches across. Full and double like a chrysanthemum. Long stems; strong roots. 25 c . each ; $\$ 2.50 \mathrm{doz}$.
We We call special attention to "Our Best Ten'" Dahlias, described on page 16 . These are in our opinion the best in their respec= tive classes either new or old and will give grand results. 15 c each, $\$ 1.50$ doz., $\$ 8.00$ per 100.


Photigraph of Lazin on the Estate of Mrs. Walter B. Stcphenson, Hazerford, Pa., 18 months from seed. Sown with Watson's Lawn Grass, Spring of 1900. Plotographed Otcober, 1901.

## OUR \$2.10 LAWN GRASS

We are often asked how it is that we can furnish a first-class Lawn Grass at the low rate of $\$ 2.10$ per bushel whel other seedsmen are selling their mixtures at $\$ 3.00, \$ 4.00$ and $\$ 5.00$ per birshel.

The explanation is simple enough. We handle grass seeds in an extensive way, and do not merely make them a side line like many houses. They are our chief specialty, and have been for the past twenty-five years. Then again, we keep in much closer touch with the best sources of supply both at home and abroad than others and are thus enabled to furnish grass seeds of better quality and at lower prices. It is mertly a case of making special study and knowledge count in the better and lower-priced service which we render to our patrons.

From the time that Faunce de Laune revolutionized the old methods in grass seed selling over twenty years ago to the present day we have been pioneers and specialists in this department, having adopted and consistently practiced modern and up-to-date methods in our business while other houses were oblivious or indifferent to the new order of things. This is one of the main reasons how we were able to forge to the front and stay there.

As to our mixture for Lawns: We are frequently asked why a mixture? Why not use just one kind, like Kentucky Blue Grass or Red Top Grass? The answer is:-to make the best sod you want not only these two excellent kinds but half a dozen others, some of them because they start growth earlier in the spring, others because they continue later in the fall, thus giving a much longer season. Another reason for having eight or ten different species in the Lawn

Grass is because it gives a closer sod. Charles L. i.lint, our ablest American authority on grasses, demonstrated beyond all cavil that a square foot of sod with one species of grass has always fewer plants than the same area with a number of different species. This demonstration was in harmony with a well-known natural law, but was not fuliy recognized until Flint's time, and even to-day many good gardeners are apt to ignore it unless their attention is called to it forcibly by the snecialist.

Our \$2.10 Lawn Grass is compounded on the most approved plan in coniormity wi.h the ideas expressed avove, and is a general purpose mixture calculated for the largest number of soils and situations. It will give a close green turi during the longest possible season. Sonie grasses endure only for one season, like timothy; others, like orchard grass, are rank and tufty in their labit of growth. All ench varieties are excluded from our mixture and only those that are dwarf, hardy, perennial, and compact in growth are admitted. We offer our Lawn Grass to our patrons with every confidence and know that, under favorable conditions, it will give the very best results. Price $\$ 2$. Io per bushel (standard weight, I4 pounds.)

## GOLP LINKS AND OTHER SPECIAL GRASSES

We are always pleased to place our knowledge and experience in grasses freely at the disposal of those who contemplate the laying out of Golf Links, Tennis Courts, or Cricket Grounds, and are prepared to make special formulas and quote close figures, according to the soil, location, climate and other necessities of the occasion.

## A special formula is often required also for <br> SHADY LAWNS

and this we can supply as occasion may require.
Quotations are based on the items used in these special formulas, and cannot of course be stated here, but we can assure our patrons that figures will be in all cases most reasonable and lower than can be had elsewhere, while the seeds can be depended on to be of the highest grade and of strong vitality.

## GRASS SEEDS.

Meadow Foxt il (Alopecuris pratensis)
Lb.
Fiorin or Creeping Bent (Agrostis Stolonifera)
Sweet Vernal, Perennial (Anthoxanthum odoratum)
Sweet Vernai, Annual (Anthoxanthum Puelii)..
Tall Oat Grass (Avena Elatior)
Hungarian Brome Grass (Bromus Inermis)
Crested Dogstail (Cynosurus Cristaris)
Orchard Girass (Dactylis Glomerata)
Hard Fescue (Festuca Duriuscula)
Hard Fescue (Festuca Duriuscula) $\quad \ldots \ldots \ldots \ldots$. 1 .
Sheep's Fescue (Festuca Ovina)
Fime=leaved Fescue (Fistuca Tenuifolia) ........ .io


CRESTED DOGSTAIL.

Meadow Fescue (Festuca Pratensis) Perennial Ryegras, (Lolium Perenne) Italian Ryegrass (Lolium Italicum)
Woed Meadow (Poa nemoralis)
Red Top (Agrostis Vulgaris) prime
Rhode Island Bent (Agrostis Canina)
Kentucky Blue Grass (Poa Pratensis) fancy
Timothy (Phleum Pratense) fancy

## CLOVER SEEDS

White Clover (Trifolium Repens)
Red Clover (Trifolium Pratense)
A syke Clover (Trifolium Hybridum)
Crimson Llover (Trifolium Incarnatum
Alfalfa or Lucerne (Medicago Lupulina)

## MISCELLANEOUS FARM SEEDS.

## Mangel Wurzel.

Mammoth Long Red
[.1).
Golden Tankarc
Ked Globe
.20

## Sugar Beets.

| French Silesian | . 20 |
| :---: | :---: |
| Lane's Improved | 1 |
| New Danish Suzar | . 32 |
| Wanzleben Improver | . 21 |

Peas.
Early Canada
Black Eye Marrow
Large White Marnow
Cow Peas

## FARM SEEDS Continued.

## Field Carrot.

|  | Lb. | 10 Lb . |
| :---: | :---: | :---: |
| Long White Belgian | . 45 | 4.00 |
| Red Altringham | 45 | 4.00 |
| Improved Short White | . 45 | 4.00 |
| Large White Vosges | . 45 | 4.0 |

Field Corn.

| Blunt's Prolific |  |
| :---: | :---: |
| Golden Beauty | 2.00 |
| Hickory King | 2.00 |
| Longfeliow | 2.00 |
| Mastodon | 2.00 |
| Southern Horsetooth | 1.75 |

## Potatoes.

All ihe Standard Vurieties at Market Prices. Write for Quotations.

## Pumpkin.



Soja Beans.



## "COUNTRY LIFE IN AMERICA.'"

This beautiful monthly is on lines similar to the celebrated British publication "Country Life." The American "Country Life" illustrates the gentlemen's places of this country-showing how the enlightened and opuient have surrounded th ir homes with beautiful gardens and landscapes, and having departments covering the main interests of rural life. The editor is Professor Pailey, and articles and illustrations are of the highest literary and artistic excellence.

## $\$ 3.00$ per annum.

H장 Subscriptions taken by us.


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## "COUNTRY LIFE IN AMERICA"

Mr. George C. Watson, Juniper and Walnut Sts., Philadelphia.
Dear Sir :
Please send me "CCUNTRY LIFE IN AMERICA" for one year, commencing with the number.

Name
Address
For particulars of COUNTRy see page 16 .


Gloxinia.

Bessera Elegans .....
Madame Crozy, red and yellow, the old

- est variety and still hard to beat, 4 ft.

Alsace, the nearest approach to a White
Canna yet introduced, $4^{1 / 2} \mathrm{ft}$.
6. Chas. Henderson, crimson, very popular $3^{1 / 2} \mathrm{ft}$.

- Florence Vaughan, yellow mottled, crimson, $5^{1 / 2} \mathrm{ft}$. . 2.50
" Burbank, yellow, closely resembles Austria, 6 ft . ....
* Italia, golden yellow, crimson spots
" Austria, giant orchid flowered canna, golden yellow, 6 ft. ................
" Alphonse Bouvier, a fine crimson sort, $6 \mathrm{ft} . . . . . . .$.
" Flamingo, scarlet, a grand sort, 5 ½ ft
" Robusta, dwarf variety, with bronze foilage, 3 ft .
Dwarf Mixed, Ige flg.
A fine assorment
Caladium esculentum: (Elephant's Ear.) $4^{1 / 2}$ to 6 in, circ. 2.00 $\begin{array}{llll}\text { "6 } & 6 \text { to } 9 \text { in, circ. } & 5.00 \\ 9 & \text { to II in, circ. } & 8.00\end{array}$


## Caladium, Fancy leaved:

Good assortment Io
best varieties; selected
bulbs.............. 8.00
Cooperia Drummondi .... 3.50
Crinum Kirki ........... 15.00
Cinnamon Vine ........ 2.00
Dahiia, Dbl, flg. best ten- 8.00
" Nymphea, pink (cactus)
" Vesta, pure white (show)

* Mrs. Wytham, yellow and white (show)
" Zulu, very dark Maroon (cactus).
" Adelaide, bright yellow (show).
". Madge Wildfire, scarlet,
" W. C. Bryant, yellow
tipped pink.
c6 Wm. Agnew, bright scarlet (show).


## SPRING BULBS.

## Amary:lis Jolnnsoni

Formossissima
Regina Per 100
15.00 15.00 7.00
8.00

Apios Tuberosa
Begonia, new lgc. Ag:
$\begin{array}{cccc}\text { Single } & \text { Scarlet Mixed } & \ldots . & 3.00 \\ \cdots & \text { White } & \text {.... } & 3.00\end{array}$
Pink $\quad$. $\quad .$.
Yellow ". ... 3.00
All Colors
Double Scarlet Mixed .... 6.00
White
Pink
lellow
All Colors"
Per ioo $\quad$... 5.50
Per 100 Dahlla, Dbl. flg.-Continued.
a Cochineal, red (cactus).
" Little Fred, pink tipped carmine (pompon). $\mathbf{1 0 0}$
2.50 Dielytra spectabilis, (Bleeding Heart) ....... $\mathbf{7 . 0 0}$
2.00
2.00
2.50 Gloxinia, new lge flg. Choice assortment of
$2.00 \quad$ Colors, selfs, mottled, striped, etc.-a grand strain, erect, large flowers of fine substance


Caladium.


The feathery looking fllower, mixed with Begonias, in the above picture is Gypsophila Paniculata. See page 9.


Gladiolus.


## SPRING BULBS-Continued.

## Gladiolus,

American Hybrids, Fine mixed $\qquad$ Choice mixed Scarlet mixed $\qquad$ White mixed $\qquad$ triped mixed $\qquad$ Pink mixed . ${ }^{-}$ Lemoinci, mired May (forcing) (forcing Shakespeare (forcing)
25 Choice named varieties Hyacinthus candicans Iris Kaempferi, io choice zarieties named, single and double Iris Susiana (Mourning Irıs) ......... 8.00 Iris Germanica, 20 varieties, named ..... 2.00 Helianthus moltiflorns plenus ........ 3.00 Ipomoea pandurata (Hardy Moonfiower)
per too. 1.00 1.00
I. 50 r.os2.50
2.50
$\qquad$
$\qquad$ 8.00

" Speciosum Rubrum, 7

$$
\text { ". if to } 9 \text { in. .... } 6.00
$$

Rubrum, 9 to
II in. .....
Album, 7 to
Album, 9 to
$\begin{array}{llll}* & \text { Album, } 9 \text { to } \\ \text { "6 It inn. .... } 9.00\end{array}$
" Tcnuifolium (Siberian 0.00
"Tigrinum Splendens ... $\quad 9.00$
Madeira Vine roots (Mignon-
$\begin{array}{ccc}\text { ette or Mexican Vine) } & 2.00 \\ \text { Montbretia choice mixed } & 2.00\end{array}$ Oxalis (Deppi, Lasiandra
and Shamrock) each .. . 50
Peony Roets, io choice named
arieties ...... I2.00 all colors, in
mixture $\cdots, \cdots 8.00$
Rudbeckia, "Golden Glow"," .. 4.00 Spirea Japonica ............ 4.00 Gpider Gladstone (new) ...... I2.00 Spider Lily, (Pancratium) . . 8.00 Tuberoses Dwf. Pearl ..... 1.50 " Albino (Sgl. white) $\mathbf{1 . 5 0}$ Tigridia, Variegated foliage.. (Mexican Tiger $\quad$ I. 50 Flower) choice mixed

## PRIZES FOR L. RUBELLUM

We offer the following prizes for competition at the Spring Show of the Penna. Hort. Society, I903-

For best pot, not Ist Prize, $\$ 5.00$
2d Trize, $\$ 3.00$ less than three bulbs in a pot, and not over 6 inch pot,
And in order to induce our patrons to tâke an interest in this charming new iily we will contiñue these prizes spring of 1904 so that those who have not already got this lily may have a chance.

Raffia First quality, long Madagascar, fresh consignment just arrived; quality must not be confounded with the "short" stock offered in some quarters. lb., .I5; $50 \mathrm{lbs} ., \$ 6.00$; Ioo lbs., \$II.50.


THE GROWER'S BOX FOR CUT FLOWERS.
Cocoa Fibre The best material for composting, drainage, raising seeds, etc. Per bushel, so cents ; per ton, $\$ 17.00$; $1 / 2$ ton, $\$ 9.00 ; 1 / 4$ ton, $\$ 5.00$.
The Grower's Box for Cut Flowers The Grower who carries his flowers to
our "Grower's Box." This box has now been several years on the market, and grows more popular every day. Extra strong for its weight, braced with cleats outside and inside; has strong brass corners; is the right size and shape for a commercial box; heavily shellacked and absorbs no moisture. Per set of three, $2 \mathrm{I} / 2$ feet $\$ 3.45$; 3 feet $\$ 3.85 ; 4$ feet $\$ 4.55$; one lid to every set. Extra lids, $21 / 2$ feet, 25 cents; 3 feet 30 cents; 4 feet 35 cents.

## The Retailer's Box The Retail Florist requires

 the market should not be a day without a neat wooden box to ship orders by express; a box stro to stand some knocks. Here it is, smooth, well finished, lock-cornered, in three sizes, as approved and adopted by H. H. Battles, Joseph Kift \& Son, and other prominent Philadelphia florists. Light, strong, well-finished, and the best thing of its kind up to date. The stock is well-seasoned poplar, $1 / 4$ inch, $3 / 8$ inch and 5-16 inch in thickness.

No. 1, $18^{\prime} \times 6^{\prime} \times 4^{\prime}$, per roo, $\$ 1$ I. 25 ; per doz. $\$ 1.65$. No. 2, 24' $9^{\prime} \times 4^{\prime}$, " 20.00; " 2.70. No. $3,30^{\prime} \mathbf{x} \mathrm{I}^{\prime} \mathbf{x} 4^{\prime}$, " $\quad 22.50$; " 3.00 .

## Printing

Your name and address on each box free in lots of 50 or over; in smaller lots add 25 c . for printing.

## Clay's London Fertilizer

This world-famous fertilizer is indispensable to those who desire the highest perfection in their flowers, plants and vegetables. Composed of concentrated animal matter and entirely different from all chemical manures whatever. Per bag (ii2 pounds), $\$ 6.50$ net.

Guano-Genuine "Lobos"' Imported from South America; offered in the original bags; no manipulation. Per ton, $\$ 45.00$; $1 / 2$ ton, $\$ 23.00$; $1 / 4$ ton, $\$ 12.00$; 100 lbs., $\$ 2.75$. Bags run from 17 C to 200 lbs . each.


RAFFIA.

## Fertilizers

Watson's Pura Bone Meal. This grade is the purest article on the market. It is prepared from fresh bones only, and contains not a particle of vegetable ivory or oyster shell, often found in cheaper grades, $\$ 29.00$ per ton; per 200 lb . sack, $\$ 3.25$; \$r. 75 per 100 lbs; 50 lbs., \$1.00.
Bone Flour. Ground perfectly fine. An excellent fertilizer for pot plants or beds where an immediate effect is wanted. Ioo lbs., $\$ 2.25$; bag or bbl. of $200 \mathrm{lbs} ., \$ 8.00$; per ton, $\$ 36.00$.
Bowker's Greenhouse Chemicals. One of the very best all around fertilizers for forcing and producing bloom. 5 lbs., 45 c .; 25 lbs., \$..I5; IOO lbs., \$4.50.
Button Bone. $\$ 3.50$ per sack of 200 lbs ; $\$ 35.00$ per ton.
Canada Unbleached Hardwood Ashes Pure. Per bbl. of 250 lbs., $\$ 2.50$; per ton, $\$ 18.00$, Special price will be quoted f. o. b. Canada.
Dried Blood. $\$ 2.50$ per 100 lbs ; per 200 lb . sack, $\$ 4.50$.
Horn Shavings. Per bag of $20 \mathrm{lbs} .$, \$1.00; per $100 \mathrm{lbs} ., \$ 4.00$.
Native Poudrette. We can recommend this very highly for a general greenhouse fertilizer. Per $100 \mathrm{lbs} ., \$ \mathrm{I} .50 ; 500 \mathrm{lbs}$., for $\$ 5.50 ; \$ 15.00$ per ton.
Nitrate of Soda, Pure. Per lb., 5c.; 10 lbs., 40c.; 25 lbs., $95 \mathrm{c} . ; 100 \mathrm{lbs} ., \$ 3.25 ; 200 \mathrm{lbs}$. , $\$ 5.75$; per ton, $\$ 52.00$.
Pulverized Sheed wanure. Best quality (Elliott's Brand). 5 lbs., 20c.; 25 lbs ., 75c.; 100 lbs., $\$ 2.00$; per ton, $\$ 32.50$ or $\$ 30.00$ per ton; f. o. b. factory.
Pulverized Sheep Minure. (Ashman's Brand). \$I. 75 per 100 lbs ; $\$ 25.00$ per ton.
SPECIAL NOTICE - We carry on hand or can supply all other FERTILIZERS at the very lowest wbalesale prices. Quotations will be made on request. Also Horse and cow Manure.

## Insecticides

Aphis Punk. For fumigating. Now extensively used by growers of Roses and Carnations; it is the most effective method yet introduced; it kills Aphis, Green Fly, Slugs and dll other insects that infest greenhouses, and does not discolor the blooms. Price 60c. per box of 12 rolls; $\$ 6.50$ per case of 12 boxes.
Bordeaux Mixturt. In liquid form. Per qt., 40 c .; per gal., \$1.00.
Copper Soap. (Permol). Positive cure for mildew and rust. 75 c. per can.
Fostite. (For preventing mildew). 5 lbs., 50 c. ; $25 \mathrm{lbs} ., \$ 2.00$; $50 \mathrm{lbs} ., \$ 3.50$; 100 lbs., $\$ 6.50$.
Fir Tree Oil. Per qt., $\$$ I. 25 ; per half gal., $\$ 2.00 ; \$ 3.75$ per gal.
Fir Tree Oil Soap. 2-lb. can, 65c.; 5-1b. can, \$I.50.
Grape Dust (For mildew). 5-lh. package, 30c.; $\$ 5.00$ per 100 lbs .
Hellebore. Per lb., 20c.; 5 lbs. for $90 c$.
Kerosene Fermol Soap. 25c. per lb. ; io lbs. for \$1.75; 25 1bs., $\$ 3.75$.
Kerosene Emulsion. I5c. per 1 bb . can; sufficient for Io gallons of spray. 60 c . per $5-\mathrm{lb}$. can; sufficient for 50 gallons of spray; $25-1 \mathrm{~b}$. can, $\$ 2.50$; sufficient for 250 gallons of spray.
Lemon Oil. $1 / 2$ pt., 25 c . ; 40c. per pt.; 75c. per ql., $\$ \mathrm{I} .25$ per $1 / 2$ gal.; per gal., $\$ 2.00 ; \$ 9.00$ per 5 -gal. keg; IO-gal. kegs, \$17.50.
Nicoticide Fumigating Compound. A highly concentrated extract of tobacco for vaporizing. A 4 -ounce bottle is sufficient for 8000 cubic feet of space, and costs but 70 c . $; 1 / 2$ pt. size, for 16000 feet, $\$ \mathrm{I} .25$; I pt. size, for 32000 feet, $\$ 2.50$. Fumigator and lamp for same, 50 c .
Nikoteen. Per pt., $\$ \mathrm{r} .50$; io pts., for $\$ \mathrm{r} 3.00$. Outfit of pans, etc., $\$ 3.50$.
Paris Green. Per 2-1b. can, 40c.; 5-1b. can, 95c.
Persian Insect Powder, Pure. Per lb., 30 c.
Rose Leaf Extract of Tobacco. Very extensively used now by all the leading growers for fumigating, doing away to a great extent with smoking with tobacco stems. Per gal, \$1.25; 5-gal. can, \$4.25.
Seal Oil Soap. Recommended very highly for destroying Scale and all other insects. 20 . per lb .; 5 lbs . for $90 \mathrm{c} . ; 25-\mathrm{lb}$. cans at 18 c . per lb .
Sulphur. Per lb., 6c.; 5 lbs., $25 \mathrm{c} . ; 25 \mathrm{lbs}$., $\$ \mathrm{I}$.10 $100 \mathrm{lbs} .$, \$3.75; full bbl. lots at $.03 \mathrm{~T} / 2 \mathrm{c}$. per lb .
Slug Shot. 5 lbs., 25c.; 100 lbs., $\$ 4.00$; per bbl. in bulk, $33 / 4$ c. per lb.
Tobacco Dust. Best quality. 5 lbs., 20 c .; $100 \mathrm{lbs} ., \$ 2.50$.
Tobacco Stems. Fresh. In bales of 250 lbs., $\$ \mathrm{I} .50$; $\$ 10.00$ per ton.
Whale Oil Soap, Pure. Lb., roc.; io lbs., 80 c .; $100 \mathrm{lbs} ., \$ 7.00$.
Weed Killer. 75 c . per $\mathrm{I} / 2$ gal.; $\$ \mathrm{I} .25$ per gal.; 5 gals. for $\$ 5.50$.

Mushroom Bed Thermometer. Very best quality, with Brass Tip, \$r. 25 each.
Florists' Thermometers. Eight inch, tin, 15 c . each, dozen $\$ \mathrm{I} .60$; 10 inch, tin, 20c. each, dozen $\$ 2.00$; 7 inch, 12c. each, \$1.25 per dozen.
Maximum and Minimum. Kegisters the coldest and warmest point of temperature during the previous night. 8 inch............ $\$ 2.25$ each; $\$ 6.00$ per $1 / 4$ dozen 10 inch.......... $\$ 2.50$ each; $\$ 6.75$ per $1 / 4$ dozen

## Sundries.

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Pest (Jersey)
Moss, Sphagnum (per io bbl. bale, $6.25)
*. Green (Lump)
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" Green (Sheet)
1. }2
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Tin Foil. Per poung isc.; 2 pounds 25 c .; 5 pounds, 6 .........................................
Twine (Bnilquet). Per pound, 3 co.; 3 pounds, \$i.oo.
Bouquet Wire. All sizes, per pound, Ioc.; per stone of 12 pounds, 9oc. to \$1. 50.
Improved Bouquet Wire. All sizes already cut in lengths. Per box of 12 pounds, \$1.25 to \$1.40, according to number.


## Green Silkaline.

For stringing Smilax and Asparagus. Fast color and will not fade; very strong and will not break. Coarse or fine, put up on 2 oz. spools, 8 in a box, 16 ounces of Silkaline guaranteed. Price, \$1. 25 per pound; 20c. per spool.
Twine (Jute), 2,3 or 4 ply, i5c per pound.
Twine. All kinds at lowest prices.

## The Van Reyper Perfect Glazing Points.

Made of steel wire and galvanized, having double points and lap over the glass in such a manner as to positively keep it from sliding. They may be used on either side of the sash bar, thus preventing the annoyance of rights and lefts. Per box of inno, 60c.; 5000 lots at 55 c . per iooo. Pincers for driving, 50 c .
Siebert's Glazing Poin's. Two sizes, $5 / 8$ and $7 / 8$ inch, $40 c$. per pound.

## Perfection Fumigator.

Will fumigate and vaporize at the same time. The tank should be filled with water; when the stems are lighted the water boils and emits a dense mass ni moistened smoke or steam.

Made in two separate bodies, detachable, does not become heated when in operation, harmless to the most tender plants.
No. I holds I peck of stems
No. 2 holds $1 / 2$ bushel of stems
3.25

No. 3 holds $3 / 4$ bushel of stems
No. 5 holds I bushel of stems

## Eureka Fumigator.

Made of extra heavy galvanized iron. No. I, \$1.00; No. 2, \$1.50; No. 3, \$2.00; No. 4, \$3.00.

## Fresh Tobacco Stems.

For Fumigating.

Bales containing about 125 pounds 250
\$1.00 each 1.50


## Wotherspoon's Make, Galvanized Water Pots.

The best and most durable watering pot made. Each has two roses-one fine and one coarse.

|  | quart, Round | . . . . . . \$1. 44 | Oval | 1. |
| :---: | :---: | :---: | :---: | :---: |
|  |  | . . . . . 1.67 |  | 1. |
|  | "6 "6 | . . . . . . 1.80 | " | . 2.1 |
| 1 | ، | . . . . . 2.03 | " | 2.3 |
| 1 | ، | . . . . . . 2.34 | " 6 | 2.5 |
| I6 | '، '، | . . . . . 2.83 | ، | 3. |

## Galvanized Iron Clad Watering Cans.

The best cheap watering can in the market. Very durable. Sizes 4 to 20 quarts. 35 c . to \$1.50 each.

## Mastica.

For Glazing Greenhouses (New or Old).
Elastic, adhesive, easy to apply. Used now extensively and highly recommended by all the up-to-date gardeners and florists.
One gallon will cover about 300 running feet one side Per gal., \$1.25; 1/2 gal., 65c.; 5 gal., \$5.75.
Machines for Applying Mastica, \$1.00.

## Pot Labels, Painted.



## A Few Specialties in Hardy Plants

## WATSON'S PEONY PROPOSITION:

Every florist ought to have plenty of Peonies. They are the most popular hardy plants of the day and we are only beginning to realize their possibilities. A splendid investment either for the cut blooms or for decorative work.

## SPECIAL OFFER No. I

Equal parts each of the following five choice varieties @ \$10.00 per 100; \$95.00 per 1000 (25@100; 250@ 1000 rate).
1 Fragrans. Pink; very sweet.
2 Lady Bramwell. Silvery rose; extra fine.
3 Officinalis. Dark crimson; early.
4 New Giant Like an enormous double rose, of a blush almost white color, same shape, fragrance and exquisite satin-like pink color as Baroness Rothschild Rose, nearly as large as a man's hat; grows 3 to 4 feet high, a magmificent variety.
5 Double White. Large flower; early.
(2) The above are all strong roots, two to three good eyes each.

## SPECIAL OFFER No. 2

Equal parts each of the following five choice varieties @ \$9.00 per ioo; \$85.00 per 1000 (25@100; 250@ IOOO rate).
1 Victoria Tricolor. Rose; white centre.
2 L'Esparance. Vivid rose; nigh, full centre.
3 Andre Lauris. Deep bright red; very double and fine.
4 Grandiflora Rubra. Blood red; : the largest of its class.
5 Rubra Triumphans. Glowing crimsonsatin; early ; very sweet, large petals.
The above are all strong roots, two to three good eyes each.



## NEW PEONIES FROM JAPAN

We will have a special importation of new Peonies both Herbaceous and Tree, from Japan diue to arrive in Philadelphia about the end of March. The coilection consists of 27 varietius of Herbaceous-double, semi-double, single and anemone flowered; and 50 varieties of the Moutan or Tree. Full particulars will be sent on appiication. This collection is well deserving the attention of connoisseurs. The colored plates of the whele 77 varieties can be seen at our office.

## CALIFORNIA PRIVET

A perfect hedge can be formed in a very short time by the use of California Privet. This plant is growing rapidly in popularity and is giving universal satisfaction. We have had a large number prepared specially for our trade and offer at the undern sted low prices:

## REVISED PRICES FOR 1903

Per rod. Per 1000


## CLEMATIS PANICULATA

This is the climber for the million. Produces small white flowers in immense clusters, completely covering the plant. Deliciously fragrant and ferfectly hardy. Everyone should plant it freely. We cannot recommend this ton highily, $\$ 2.50$ per doz.; \$17.00 per 100.

## GOLDEN GLOW RUDBECKIA

We have a large stock of this fine, hardy plant and can offer it cheap. Strong plants, $\$ 4.00$ per ruo ; $\$ 35.00$ per iooo.

## BLEEDING HEART ROOTS

Strone divided roots, 3 to 5 eyes each; $\$ 7.00$ per 100.


[^0]:    DCes The feature which distinguishes this new Primrose of Mr. Wilson's from all others in cultivation is its remarkable color, which is developed into many shades of blue from pale lavender to deep violet. Flowers of good size and borne well above the foliage. Our seed is from a celebrated English grower and is specially fine strain.

