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# MICHELL'S 1919 Catalog

July—August  
29th Year

## SUMMER SEASON SPECIALTIES

Pot Grown Strawberry Plants  
Celery and Cabbage Plants  
Seasonable Flower Seeds  
Seasonable Vegetable Seeds  
Insecticides, Hose,  
Lawn Sprinklers, etc.

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**STRAWBERRY**  
STEVEN'S LATE  
CHAMPION



**PANSY**  
MICHELL'S  
GIANT EXHIBITION  
STRAIN



**Celery Michell's  
Winter Queen**



Celery Plants, leading sorts, 75c per hundred;  
\$6.00 per 1000. See Page 4

Strawberry Plants (pot grown), leading varieties, \$1.00 per doz.; \$6.00 per 100; per 1000, \$50.00. See Pages 2-3.

Pansy Seed, Michell's Giant Exhibition Mixture, producing gigantic blooms, pkg. 25c; 65c per large pkg.; 1/8 oz. \$1.75; \$3.00 per 1/4 oz. See also Page 15.

**HENRY F. MICHELL CO.**

518 Market Street  
PHILA.

**BUSINESS TERMS**

We Especially Invite Charge Accounts. A charge account is more convenient than to remit for each order at the time it is sent us; you pay no more for your goods by reason of this accommodation. As to our responsibility, we refer you to Dun's or Bradstreet's Mercantile Agency or any bank or trust company.

When sending your first charge order, if possible, send us the name and address of someone with whom you already have a charge account. This saves time.

**REGARDS C. O. D. SHIPMENTS**

Goods can be sent C. O. D. (with the exception of perishable items, which include plants and cold-storage bulbs; these cannot be sent C. O. D.). No C. O. D. shipments for any kind of goods can be made by express or freight out of town unless a partial remittance accompanies the order. No C. O. D. orders delivered where the amount is less than 50c., except in the following zone in Philadelphia: Market Street Ferry, to Sixteenth Street, Pine Street, to Vine Street. C. O. D. orders outside of this zone in our delivery limits must amount to \$1.00 or more. During April no orders C. O. D. in their entirety can be accepted.

**SHIPPING INSTRUCTIONS**

Always state by what method you want goods forwarded, otherwise we will ship according to our best judgment.

**PACKING CHARGES**

No charge is made for boxes, packing or bags, except for two-bushel seamless sacks, which are returnable for credit at the market price as charged.

**PARCEL POST SHIPMENT AT OUR EXPENSE AS FOLLOWS**

We pay postage charges on all orders for vegetable and flower seeds, provided the order calls for packets, ounces, quarter-pounds and pounds (beans, corn, peas and mixed grass seeds, bulbs, plants and sundries are not included). If these are wanted by mail, remit for postage according to rate of postage from Philadelphia to your post office.

Parcels Post weight limits are 70 lbs. in 1st, 2d and 3d zone; in all other zones 50 lbs.



Bird's Eye View  
MICHELL'S NURSERIES and GREENHOUSES  
Andalusia, Penna.

**HENRY F. MICHELL CO.**

HENRY F. MICHELL, PRES. FRED'K. J. MICHELL, VICE PRES.

SALESROOMS, OFFICES } 518 MARKET STREET, PHILADELPHIA

ORDER DEPARTMENTS } 509-511-513 Ludlow Street, Philadelphia, Pa.

Warehouses } 19-21-23 S. Bank Street

Garage 2114-16 Locust Street

Nurseries and Greenhouses, Andalusia, Pa.

Please address all communications and orders to  
518 MARKET STREET, PHILA.

**TELEPHONE SERVICE**

BELL, LOMBARD 4220, 4221, 4222, 4223, 4224, 4225,  
KEYSTONE MAIN 3600, 3601.

**IMPORTANT NOTICE—PLEASE READ**

Henry F. Michell Company give no warranty, expressed or implied, as to the description, purity, productiveness of any seeds, plants and bulbs they send out, and they cannot be in any way responsible for the crop. If the customer does not accept the goods on these terms, they can be returned at once.

Prices are subject to any advances over present prevailing freight rates, customs duties or war tax, and all deliveries are subject to delay, restrictions, embargoes, crop shortages and all conditions beyond our control. All quotations are made and all orders are booked subject to the above conditions.

Merchandise to be credited must be returned within 5 days in good order free of expense to us.





# CATALOG For MICHELL'S SEEDS, BULBS, PLANTS, Etc.

Date 191 HENRY F. MICHELL CO., 518 Market St., PHILADELPHIA

**ORDER NO.**

Please DO NOT Write HERE  
 Don't Ship unless numbered above  
 and approved as below  
 APPROVED FOR FILING

Ship to \_\_\_\_\_ c/o \_\_\_\_\_

Street \_\_\_\_\_ P. O. Box \_\_\_\_\_

Post Office \_\_\_\_\_ R. F. D. No. \_\_\_\_\_

Freight or Express Address \_\_\_\_\_

County \_\_\_\_\_ State \_\_\_\_\_

Charge to \_\_\_\_\_ Charge Address \_\_\_\_\_

Please DO NOT Write in Space Above  
 PRICED BY \_\_\_\_\_

<b>SEND BY</b> <small>Over the word designating method by which shipment is desired.</small>	<input type="checkbox"/> MARK X	<b>FREIGHT</b>	<b>EXPRESS</b>	<b>BOAT</b>	<b>PARCEL POST</b>	<b>BAGGAGE MASTER</b>	<b>LOCAL EXPRESS</b>			
ORDER FILLED BY _____ DATE FILLED _____ DOUBLE CHECKED BY _____	Veg. Seeds Flo. Seeds Bulbs Plants Tools Sundries Insect Poult. Sup. Grass Seed Fertil.									

Shipped Via and Date \_\_\_\_\_ Answer  
 IF OUT OF VARIETY ORDERED HAVE WE YOUR PERMISSION TO SUBSTITUTE EQUAL OR BETTER IN NEAREST WE CAN SUPPLY?

Check Column	Quantity	ARTICLES WANTED	PRICE	UNIT	TOTAL	
					DOLLARS	CENTS

Gardener or Supts. Name for purpose of mailing catalogs, etc. AMT. FWD.

PLEASE DO NOT ASK QUESTIONS ON THIS ORDER SHEET, BUT WRITE THEM, AND ALL COMMUNICATIONS REQUIRING AN ANSWER, ON A SEPARATE SHEET AND ENCLOSE WITH ORDER, TO INSURE A MORE SPEEDY REPLY.  
**SPECIAL NOTICE TO ORDER CLERKS:**—See that all items that can be shipped at one time are sent and checked and items to follow marked O, and attach incomplete slip to this original order.  
 All orders are accepted and executed in accordance with the terms stated in our catalogs.  
 22,000 Blue, 125,000 Pink—3-18-McM.

Check  
Column

Quantity

ARTICLES WANTED

PRICE

UNIT

TOTAL  
DOLLARS CENTS

AMOUNT FORWARD





# Index to Contents of Michell's 1919 Summer Catalogue

BULBS, ROOTS, ETC.		PLANTS, ETC.		MISCELLANEOUS		MISCELLANEOUS	
	PAGE		PAGE		PAGE		PAGE
Allium	8	Hemerocallis	6	Dalmatian Powder	28	Persian Powder	28
Amaryllis	8	Honeysuckle	6	Dissolved Bone	27	Phosphate	27
Callas	8	Iberis	6	Dusters	24	Plant Food	27
Cycas	11	Lathyrus	6	Fern Pans	26	Plant Stakes	25
Freesias	8	Lychnis	6	Fibre Saucers	26	Plant Tubs	26
Hyacinths (Roman)	9	Monarda	6	Fibre Vases	26	Poles	25
Lilies	10-11	Oenothera	6	Fir Tree Oil Soap	28	Potato Fertilizer	27
Narcissus	9-10	Orobus	7	Fish Guano	27	Pots	26
Ornithogalum	11	Pachysandra	6	Fish Oil Soap	28	Pot Labels	24
Oxalis	11	Paeonies	7	Flower Bed Fencing	25	Poudrette	27
Sago Palms	11	Physalis	6	Flower Pots	26	Protecting Cloth	24
		Polygonum	6	Fruit Pickers	23	Pumps	24
		Primula	6	Fungine	28	Putty	23
		Rubeckia	6	Getz There Soap	28	Putty Distributor	23
		Schizophragma	6	Glass Cutters	23	Pyrox	28
		Sedum	6	Glazing Points	23	Raffia	25
		Spiraea	6	Grape Bags	see Insert	Raffiatape	25
		Stokesia	6	Grape Dust	28	Rat Corn	28
		Strawberry Plants	2, 3	Greenhouse White	23	Readeana	28
		Vegetable Plants	4	Guano	27	Rose Bug Exterminator	28
		Veronica	6	Hedge Shears	24	Rubber Aprons	22
		Wistaria	6	Hellebore	28	Rubber Hose	22
				Horn Shavings	27	Salt (Agricultural)	27
				Hose	22	Saucers	27
				Hose Connections	22, 23	Scalecide	28
				Hose Couplings	22	Scale Destroyer	28
				Hose Menders	22	Seed Pans	26
				Hose Reducers	22	Shading Cloth	24
				Hose Reels	22	Sheep Manure	27
				Humus	27	Shoo-Fly	28
				Hyacinth Stakes	25	Sieves	24
				Hydrant Attachments	22	Slug Shot	28
				Hydrometers	28	Soot	27
				I. X. L. Compound	28	Sprayers	24
				Kainit	27	Stakes	25
				Kerosene Emulsion	28	Sulphate of Ammonia	28
				Kil-o-Scale	28	Sulphate of Copper	28
				Labels	24	Sulphate of Potash	27
				Lawn Dressing	27	Sulpho Tobacco Soap	28
				Lawn Mowers	24	Sulphur	28
				Leaf Racks	23	Sulphur Candles	28
				Lawn Sand	27	Tankage	27
				Lawn Sprinklers	22	Thompson's Special Manure	27
				Lemon Oil Insecticides	28	Thrip Juice	28
				Lime	27	Tobacco Stems	27, 28
				Lime Sulphur	28	Tree Labels	24
				Lime Stone	27	Tree Tanglefoot	28
				Manures	27	Torches	24
				Mapes Fertilizers	27	Tubs	26
				Mastica	23	Twines	25
				Mastica Machine	23	Vapor Cones	28
				Mowers	24	Vaporite	28
				Mulford's Culture	27	Vases	26
				Muriate of Potash	27	Vermine	28
				Nico Fume	28	Water Barrel Trucks	23
				Nikoteen	28	Water Cans	23
				Nitrate	27	Weed Killers	3rd cover
				Nozzles	22	Wheat Fertilizers	27
				Nozzle Holder	22	Wheelbarrows	23
				Paris Green	28	Wire Presses	23
				Paris Green Shakers	24	Wire	25
						Wire Stakes	25
						Wood Ashes	27
						Worm Destroyer	28
						Worm Eradicator	28

# 2 MICHELL'S POT-GROWN STRAWBERRY PLANTS

**EXTRA SELECTED STOCK—Strong and Well Rooted. Will Yield a Full Crop of Berries Next Season. Ready Now**

The time of shipment is from July 1st to September 15th. The advantages in planting pot-grown strawberry plants are realized by a full crop of berries the following year. Our plants are carefully grown in clay pots and prior to shipment are transferred with the original ball of earth at their roots to substantial paper pots in which they are forwarded, thus insuring the buyer getting them in first-class order and reducing the transportation charges about 25 per cent.

## CULTURAL NOTE ON STRAWBERRIES

Strawberries delight in good rich soil that has had plenty of manure added to it. The plants should be set 12 to 15 inches apart in rows 2 feet apart. A row 100 feet long requires approximately 75 to 100 plants or about 14,500 per acre. If the weather is dry, when planting, water well at the time and for a few days thereafter, if it is possible. Press the soil well around the ball, when planting, and keep the soil well cultivated, cutting off all runners that may form. At the approach of permanent winter it pays to cover the entire bed to a depth of 2 inches with clean straw or salt hay. This protects the plants during severe weather. Do not use leaves, as they hold the moisture and cause damage to the plants in winter. At the approach of spring, rake the covering from the plants proper and leave it between the rows; this will serve as a mulch during the summer, protect against drought, and also keeps the fruit more free from sand, at the same time to a large measure controls the growth of weeds.

## EARLY VARIETIES

**Early Jersey Giant (Perfect).** Pre-eminently the finest of the early varieties. It is brilliant scarlet-crimson in color, and exceptionally firm, by far the firmest of all early sorts. Berries very large, conical with pointed tip; has delightful aroma and rich, mild strawberry flavor. A very heavy yielder.

**Early Ozark (Perfect).** Among the very first to ripen and the berries are of fairly good size, bright, crimson color, slightly conical, quite firm and of excellent quality. A strong grower and a heavy yielder.

**Senator Dunlap (Perfect).** This grand Strawberry will please the most critical person. One of the first to yield and continues well into the height of the season. It cannot be recommended too highly.

## MID-SEASON VARIETIES

**Bubach (I).** A fine old standard variety, especially popular in the middle and northern States. The blossoms are imperfect and must be planted with some perfect flowering variety in order that they may be pollenized, otherwise they will produce no fruit.

**Big Joe (Perfect).** The merits of this splendid variety are great vigor of plant, splendid root system, exceptional productiveness, large size of fruit, excellent flavor, and length of bearing season. The berries are perfect beauties, of very uniform conical shape, rich and red in color. In size the berries are not surpassed by those of any other variety grown, while the flavor is superior to that of most large fruited sorts. The plants root very deep, the roots going 10 to 12 inches in the ground, and they are but little influenced by droughts.



A husky developed specimen like this can't fail but give you satisfaction

## MID-SEASON VARIETIES (Continued)

**Brandywine (Perfect).** The finest of all mid-season sorts; it has not a single defect. The plants of extra strong constitution and growth, doing well everywhere. Fruit extra large, heart-shaped; color, bright, rich red.

**Glen Mary (Perfect).** Midseason. One of the best of the older varieties, as it still keeps its place among the prominent strawberries. The fruit is very large but rather irregular, somewhat like Sharpless. It is a great drought resister, ripening a full crop of luscious berries in the driest weather.

**Heritage (Perfect).** This is truly a giant strawberry, it being almost impossible to put a whole berry at a time in one's mouth. It is rather irregularly shaped but of a beautiful crimson color. The plants and foliage are entirely distinct which makes it stand out above all other sorts.

**Rewastico (Perfect).** The berries are a light cardinal red, uniformly large and regular in shape. The fruit is firm enough to carry to distant markets in good condition. The quality is extra fine. Blossoms are perfect and rich in pollen. Price of Potgrown Strawberries on this page \$1.00 per dozen; per 100, \$6.00; \$50.00 per 1000.

**NOTE—**About October 1st we can furnish layer plants of any of the above varieties at 40c. per dozen.; 100, \$2.00; \$15.00 per 1000. If wanted by Parcel Post add 10c. per doz. or 20c. per 100 for postage. Larger quantities travel best by express.

# MICHELL'S POT-GROWN STRAWBERRY PLANTS <sup>3</sup>

## LATE SEASON VARIETIES

See Special Cultural  
Note on Page 2

**First Quality (Perfect).** Berries are very large and pointed, and of dark red color. Plants are very vigorous and very healthy. Blossoms are perfect, strong pollenizers, making it a good variety to plant with imperfect varieties. A good variety for the home as well as for shipping purposes.

**Gandy (Perfect. Late).** This variety is known to most every berry grower as one of the best late sorts. It is very solid and large, and of a beautiful crimson color; especially good for family garden planting.

**Stevens' Late Champion (Perfect).** "Very large, fine flavored, bright color, good shipper, heavy yielder, good fruit stem." This berry has averaged 7556 quarts per acre, netting \$666.96 per acre. It has been tested on all kinds of soils and will grow successfully where any strawberry will grow. It will stand a drought better than any other berry ever grown in this section. It has never shown any sign of rust.

Price of Pot-grown Late-Season Varieties Strawberries, \$1.00 per dozen; per 100, \$6.00; \$50.00 per 1000.



Stevens' Late Champion

**NOTE**—About October 1st we can furnish layer plants of any of the above varieties (except as noted) at 40c. per doz.; per 100, \$2.00; \$15.00 per 1000. If wanted by Parcel Post add 10c. per doz. or 20c. per 100 for postage.

### MICHELL'S SPECIAL GRADE BONE MEAL

An excellent fertilizer to use when planting strawberries; about a teaspoonful to a plant. 25 lbs., \$1.25; \$2.25 per 50 lbs.; 100 lbs., \$4.00; \$7.50 per 200 lbs.

### BOOKS ON THE CULTURE OF THE STRAWBERRY AND OTHER SUBJECTS (Mailed Postpaid)

Strawberry Culture (Fuller) .....	\$0.30
Berry Book (Biggle's) .....	.60
Fruit Culturist (Thomas) .....	2.25
Small Fruit Culturist (Fuller) .....	1.15
Principles of Fruit Growing (Bailey) .....	1.65
Fruit Garden (Barry's) .....	1.65
Mushroom Culture (Robinson) .....	.60
Mushrooms How to Grow (Falconer) .....	1.15
The Small Country Place (Maynard) .....	1.65

For complete list of books see our General Catalogue.

### TESTIMONIAL

Manderson, S. D.  
You certainly know how to pack plants. The basket of plants you shipped by express, just arrived; one month after it left your place. Not one plant was dead and they were fine specimens. Your seed also is unusually fine.

EDGAR M. KEITH.

### MICHELL'S AUTUMN FRUITING OR EVER-BEARING STRAWBERRY PLANTS (Pot Grown)

This type, while producing its main crop of berries with the general sorts, continues uninterruptedly to mature its fruit, until checked by hard frosts; it has actually been known to bear strawberries until Christmas, when the weather is open and mild. In order to get the greatest crop of berries late, the blossoms should be kept cut off until August 1st, so as to conserve the energies of the plants for the fall crop. The plants must not be allowed to suffer for water in the fruiting season and a mulch of well rotted cow manure will be found of great advantage.

**Peerless (New).** This variety is claimed to be the best fall-bearing variety, producing right up to heavy frosts, as the fruit is protected by the large vigorous foliage.

**Progressive.** The berries are medium in size and delicious in quality. You can get fruit a few weeks after the plants are set and continue to bear until freezing weather.

**Superb.** The fruit is large, firm and of fine quality. In addition to its value as a fall bearer, Superb will bear an excellent crop of berries in the spring. They look well and ship well.

Price of Everbearing Strawberry Plants (Pot-grown), \$1.00 per dozen; per 100, \$6.00; \$50.00 per 1000.

# 4 MICHELL'S SEASONABLE VEGETABLE PLANTS

## Extra Strong Celery Plants

(READY ABOUT JULY 10)

These plants are grown from our own seed at our Nurseries at Andalusia, Pa. We have immense quantities and can fill orders for any number.

**A WORD ON CELERY CULTURE.**—Celery delights in a good, rich, moist soil. Locations where the soil may become dry should be avoided. Nothing is more beneficial or so little work as the watering of celery during periods of drought. After it has been transplanted and made some growth, the plants should be set in permanent rows 6 to 8 inches apart in the row. Many private gardeners prefer to use the two-row system of trenches; it will be found very advantageous to work. If the idea of the market gardener is carried out, the celery is planted in single rows about 2 feet apart, 6 or 8 inches apart in the row. By the former method the celery is usually banked up to blanch until almost entirely covered with soil; the top is then covered with leaves or other litter as winter approaches. In the single-row system the celery is banked up gradually to blanch, and after this process is over, at the approach of winter it is dug up and laid in shallow trenches after being cleaned. Storing for winter is done by covering it with waterproof celery paper and topping off with soil or leaves. The celery may thus be gotten out for market during the severest weather. Good cultivation is highly necessary during the growing period.

**French Golden Self-Blanching.** An early sort. The heart is a rich golden-yellow, with light yellowish-green outer leaves.

**Giant Pascal.** One of the largest stalked kinds. It is in its prime for use during February and March, and can be used well up into spring.

**White Plume.** The White Plume is unsurpassed for fall and early winter use, requiring very little earthing to blanch it.

**Winter Queen.** This variety grows a very thick, solid and heavy stalk, and has a large heart. It is a close, compact grower, and when blanched is a creamy-white color.



Michell's Golden Self-Blanching Celery

### PRICE OF CELERY PLANTS

75c. per 100; 500 for \$3.25; \$6.00 per 1000.

We cannot supply less than 50 celery plants of any one variety.

If wanted by Parcel Post add 15c. per 100 for postage.



Brussels Sprouts

### BRUSSELS SPROUTS PLANTS

(Ready from July 1st to August 15th)

**Matchless Improved.** The plants should be well cultivated and kept free from insects. When heads begin to crowd, the lower leaves should be broken from the stem of the plant to give them plenty of room. 25 for 25c.; 75c. per 100; per 1000, \$6.00.

If wanted by Parcel Post add 10c. per 100 for postage.

### CABBAGE PLANTS

**Late Flat Dutch.** A short stemmed, large, flat-head variety; very solid; keeps the entire winter when buried in cellars or pits.

**Red Dutch Drumhead.** This cabbage is very sweet and should be used more largely. It is an excellent winter keeper.

### CABBAGE PLANTS (Continued)

**Danish Ballhead.** Unequaled for keeping qualities, massiveness and weight of heads.

Price of any of cabbage plants, 25 for 25c.; 60c. per 100; per 1000, \$4.00.

We cannot supply less than 25 cabbage plants of a variety.

If wanted by Parcel Post add 10c. per 100 for postage.



Perfection Drumhead Savoy Cabbage



Results like this can be obtained by planting Michell's Hardy Perennials.

Our stock of Hardy Perennials is principally established in pots, which enables it to be shipped and transplanted at any season. All varieties mentioned in this list are ready for delivery now. Summer and Autumn planting frequently means a year's difference in results obtained the following spring.

### ACHILLEA (Sneezewort)

**Ptarmica Plena, the Pearl.** Flowers the entire season on strong, erect stems 2 ft. high; of the purest white. 25c. each; doz., \$2.50; \$15.00 per 100.

### ANCHUSA ITALICA (Sea Bugloss)

**Dropmore Variety.** Plants grow 4 feet high in pyramidal shape; branch freely and are loaded with bright blue forget-me-not-like flowers in June; very showy and valuable. 30c. each; doz., \$3.00; \$17.50 per 100.

### AQUILEGIA (Columbines)

**Canadensis.** Bright red and yellow.  
**Erskine Park Hybrida (Mixed Colors).**  
A grand mixture of finest varieties.  
**Flabellata Nana Alba.** Dwarf; pure white.  
**Rose Queen.** A pleasing shade of delicate pink, long spurred flowers.  
Price of above Aquilegias, 25c. each; doz., \$2.50; \$15.00 per 100.

### HARDY ASTERS (Michaelmas Daisy)

**Abendrote (Evening Glow).** A very choice variety; 2½ feet high, with rosy red flowers.  
**Advance.** Clear Cambridge blue, bright yellow disc; habit similar to Climax; 5 feet; September-October.

### HARDY ASTERS (Continued)

**Beauty of Ronsdorf.** Large delicate lilac rose flowers from August to October.  
**Queen.** Pure white; 4 to 5 feet high; blooming in September.  
Price of Hardy Asters, 25c. each; doz., \$2.50; \$15.00 per 100.

### ASTILBE ARENDSI

The plants of this Spiraea type are of vigorous growth; 2½ to 3 feet high, producing branched feathered heads of flowers in June and July.  
**Ceres.** Brilliant lilac rose.  
**Juno.** Vigorous grower, with plumes of a deep violet color.  
**Salmon Queen.** Graceful plumes of a beautiful salmon pink.  
**Venus.** Plumes are of a brilliant purplish pink color; charming new variety.  
**Vesta.** Light lilac rose plumes.  
Prices of the above Astilbes, 40c. each; doz., \$4.00; per 100, \$25.00.

### BOLTONIA (False Chamomile)

Tall-growing, showy plants, with hardy aster-like flowers; September; 5 to 7 feet.  
**Asteroides.** Pure white; 5 to 6 feet.  
**Latisquama.** Pink, tinted lavender; 6 ft.  
**Latisquama Nana.** Pink, tinted lavender; 2 feet high.  
The above, 25c. each; doz., \$2.50; \$15.00 per 100.

### CARYOPTERIS

**Mastacanthus (Blue Spiraea).** A hardy perennial of the easiest culture, flowering in September and October. The flowers are light blue; 2 feet high. 25c. each; doz., \$2.50; \$15.00 per 100.

**CEDRONELLA (Balm of Gilead)**  
**Cana.** Long spikes of purple, salvia-like flowers, with highly scented foliage; 2½ feet high; July to September. 25c. each; doz., \$2.50; \$15.00 per 100.

### DIGITALIS (Foxglove)

**Gloxinaeflora.** White, Pink, Purple, Lilac, Yellow. Each separate.

**Lanata.** A distinct species, producing dense spikes of curious-looking flowers, the corolla being gray, the lips white.

Any of the above, 25c. each; doz., \$2.50; \$15.00 per 100.

### EUPATORIUM

Produces fuzz-like flowers; resembling *Ageratum*. August till frost.

**Ageratoides (White Snakeroot).** Pure white; 3 to 5 feet; August and Sept.

**Coelestinum.** Light blue, flowering in August; 18 to 24 inches.

The above 25c. each; doz., \$2.50; \$15.00 per 100.

### GYPSOPHILA (Baby Breath)

August-September.  
**Paniculata.** Feathery sprays of white flowers. 25c. each; doz., \$2.50; \$15.00 per 100.

# MICHELL'S HARDY PERENNIALS

## HELENIUM (Sneezewort)

These desirable perennials succeed in almost any soil in a sunny location. **Autumnale Rubrum.** Bright red; 5 feet. **Autumnale Superbum.** Massive spreading heads of deep golden yellow flowers; August-October; 5 feet.

**Riverton Beauty.** Rich lemon-yellow with dark purple cone; 4 feet; August. Price of Heleniums, 25c. each; doz., \$2.50; \$15.00 per 100.

## HELIANTHUS (Hardy Sunflower)

Very effective either in borders, among shrubbery or as clumps on the lawn, etc. **Maximiliana.** The latest of all; blooming profusely in October; the fine golden yellow flowers appear in long, graceful sprays; splendid for cutting; 5 to 7 feet.

**Multiflorus fl. pl.** Large, double golden yellow; July-August; 4 feet.

**Orgyalis.** Golden yellow; small flowered; long, narrow foliage; Sept.; 5 feet. **Rigidus Miss Mellish.** Semi-double flowers; 4 to 5 inches across; very long petals of golden yellow; good for cutting.

Price of the above Helianthus, 25c. each; doz., \$2.50; \$15.00 per 100.

## HEMEROCALLIS

(Yellow Day Lily)

**Aurantiaca Major.** Large, orange flowers; one of the best sorts; June-July. 30c. each; doz., \$3.00; \$20.00 per 100.

**Dr. Regal.** Rich apricot; 2½ feet. 25c. each; doz., \$2.50; \$17.50 per 100.

**Dumortieri.** Rich yellow flowers, bronze shaded on the back of petals; June. 25c. each; doz., \$2.50; \$15.00 per 100.

**Kwanso Flore Pleno (Double).** Coppery red; July; 3 feet high. 25c. each; doz., \$2.50; \$15.00 per 100.

## IBERIS (Hardy Candytuft)

In spring and early summer they are completely covered with white flowers. **Sempervirens.** Pure white flowers.

**Sempervirens Snowflake.** An improved form.

Price of Iberis, 25c. each; doz., \$2.50; \$15.00 per 100.

## LYCHNIS (Campion)

**Chalcedonica.** Heads of brilliant orange scarlet; 2 feet high.

**Chalcedonica Alba.** White; 2 feet high. **Haageana Hybrida.** Brilliant shades of orange and scarlet; height, 12 inches.

**Viscaria (Ragged Robin, London Pride).** Double red flowers; June.

**Viscaria Splendens Plena.** Double white.

Price of any of the above Lychnis, 25c. each; doz., \$2.50; \$15.00 per 100.

## MONARDA (Bergamot)

Showy plants; 2 to 3 feet high; flowering during July and August.

**Didyma Cambridge Scarlet (Oswego Tea).** Brilliant scarlet. 25c. each; doz., \$2.50; \$15.00 per 100.

## OENOTHERA

(Evening Primrose)

Flowers all season.

**Eldorado.** Double golden yellow.

**Fraseri.** Deep yellow; 18 inches high.

Price of above, 25c. each; doz., \$2.50; \$15.00 per 100.

## PACHYSANDRA

An evergreen trailing plant, with thick, glossy foliage forming a dense mat, doing well either in the sun or shade.

**Terminalis.** Green; 6 to 8 inches high; small flower spikes of a grayish white, in May and June. 25c. each; doz., \$2.50; \$15.00 per 100.

## PHYSALIS (Lantern Plant)

**Francheti.** Ornamental variety of the Ground or Winter Cherry; 2 feet high. 25c. each; doz., \$2.50; \$15.00 per 100.

## PRIMULA VERIS

(English Cowslip)

A mixture, covering the various shades of red and yellow. 25c. each; doz., \$2.50; \$15.00 per 100.

## PRIMULA POLYANTHUS

**New Hybrids Mixed.** Comprises the finest varieties in crimson, yellow, golden laced, etc., in magnificent mixture. 20c. each; doz., \$2.00; \$12.00 per 100.

## RUDBECKIA

**Golden Glow.** Double canary yellow; 6 feet; August.

**Newmanni.** Single; dark orange; purple cone.

Price of Rudbeckias, 25c. each; doz., \$2.50; \$15.00 per 100.

## SEDUM (Stonecrop)

**Acre.** The foliage of this is of a yellowish green shade. The flower, which appears in July, is bright yellow; height, 6 inches.

**Album.** Green foliage, white flowers; height, 6 inches.

**Sexangulare (Love'en'tangle).** Dark green foliage; yellow flowers; 6 inches.

**Sieboldii.** Roundish foliage, with a blue cast; pink flowers.

**Spectabilis.** Foliage light green; immense heads of pink flowers.

## SEDUM (Continued)

**Spectabilis Brilliant.** One of the prettiest tall growing species, reaching a height of about 18 inches; broad light green foliage and richly colored flowers of amaranth red; September-October.

Price of Sedum, 25c. each; doz., \$2.50; \$15.00 per 100.

## SPIREA (Drop Wort)

**Aruncus.** A majestic plant, growing 4 to 6 feet high; large plummy foliage and massive plumes of white flowers.

**Filipendula.** White plumes.

**Filipendula Fl. Pl.** Double white flowers and deeply cut foliage; 1½ feet; June and July.

**Palmata (Crimson Meadow Sweet).** Purplish red stems and crimson purple flowers; 3 feet; June-July.

**Venusta Magnifica.** Rosy-red, fragrant flowers; 4 to 5 feet; June-July. 50c. each; doz., \$5.00.

Price of above Spiraeas, except where noted, 25c. each; doz., \$2.50; \$15.00 per 100.

## STOKESIA (Cornflower Aster)

The flower has the appearance combining a giant cornflower and an aster. Plants are 18 inches high and are of spreading habit, blooming from June until frost. Succeeds in most any location.

**Cyanea.** Very light blue.

**Cyanea Alba.** Pure white.

Price of the above, 25c. each; doz., \$2.50; \$15.00 per 100.

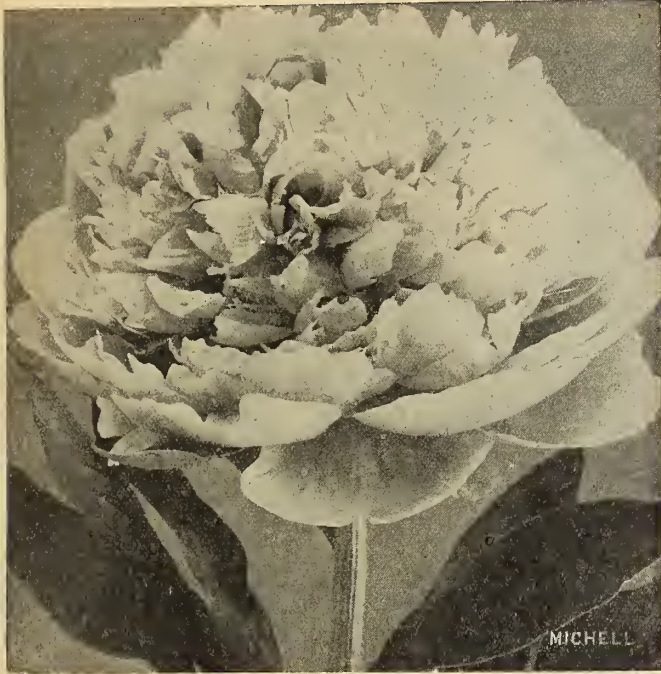
## VERONICA

**Longifolia Subsessilis.** Grows 2½ feet high and is completely studded with spikes of rich blue flowers from July to August. 25c. each; doz., \$2.50; \$15.00 per 100.

## MICHELL'S CLIMBING PLANTS AND VINES

	Each	Doz.		Each	Doz.
<b>Ampelopsis humilifolia.</b>			<b>Honeysuckle Chinese Evergreen (Woodbine)</b>	.30	3.00
Dark glossy green foliage	\$.30	\$3.00	<b>Honeysuckle Halliana.</b> Continuous bloomer	.30	3.00
<b>Ampelopsis Veitchi (Boston Ivy)</b>	.30	3.00	<b>Honeysuckle Heckrothi.</b> Deep red flowers	.30	3.00
<b>Aristolochia Siphon (Dutchman's Pipe)</b>	.60	6.50	<b>Honeysuckle Variegated.</b> Beautiful mottled foliage	.30	3.00
<b>Bignonia Radicans.</b> Dark red, throat shaded orange	.60	6.50	<b>Lathyrus (Hardy Sweet Pea). White Pearl</b>	.25	2.50
<b>Bignonia Grandiflora</b> Bright orange red	.60	6.50	<b>Lathyrus (Hardy Sweet Pea). Pink Beauty</b>	.25	2.50
<b>Celastrus Scandens (Bittersweet)</b>	.35	3.50	<b>Lathyrus (Hardy Sweet Pea). Latifolius Albus.</b> Pure white	.25	2.50
<b>Clematis Paniculata (Virgin's Bower).</b> White	.25	2.50	<b>Polygonum Auberti.</b> White flowers	.75	8.00
<b>Euonymus Radicans Variegata.</b> Self-clinging vine.	.25	2.50	<b>Schizophragma Hydrangeoides (Climbing Hydrangea).</b> Introduced from Japan. White	1.00	10.00
<b>Euonymus Radicans Vegetus.</b> Dense foliage	.35	3.50	<b>Wistaria Chinensis.</b> Pale blue, somewhat fragrant	.75	7.50
<b>Euonymus Kewensis.</b> Valuable for rockeries	.40	4.00	<b>Wistaria Chinensis Alba.</b> White-flowering	.75	7.50
<b>Euonymus Radicans.</b> Deep green foliage	.25	2.50			

# MICHELL'S GIANT FLOWERING PAEONIES



Paeony Candidissima

No disease or insect ever troubles this plant. They delight in a sunny location in deep rich soil. After planting water regularly until you feel they are established and always take care to see that the crown or top of root is not more than 1 to 2 inches below the surface when covered. The roots are perfectly hardy and once planted remain for years, increasing in size. Roots can be delivered beginning in April or in the autumn beginning in September.

	Each	Doz.
Agnes Mary Kelway. White tinted rose, cream centre; a very striking flower. Early.....	\$0.25	\$2.50
Alba Plena. A giant flower of the purest white; very double. Of superb fragrance. Mid-season	.25	2.50
Anemoneflora Rubra. Anemone form, having a broad collar; a beautiful dark crimson. Mid-season	.25	2.50
Beaute Francaise. Lilic-rose, with a cream white collar; very fragrant. Mid-season.....	.35	3.50
Berlioz. Perfect form. Large magenta rose color; silver tipped. Late.....	.35	3.50
Boule de neige. Very double, pure white; foliage is rich, deep green.....	.50	5.00
Candidissima. Creamy white, with a clear, sulphur yellow centre. Early.....	.30	3.00
Carnea Elegans. Of a clear flesh color, glossy reflex. A free bloomer. Mid-season.....	.35	3.50
Charlemagne. Excellent variety. White, with a light pink centre. Fragrant. Late.....	.30	3.00
Clarisse. Beautiful rose pink, with silvery pink centre; fine form and habit. Mid-season.....	.25	2.50
Couronne d'Or. Snowy white, with yellow reflex and deep pink edges on a few petals. Late....	.50	5.00
Delachi. Large flowers of a deep purple color, free bloomer. Late.....	.30	3.00
Delicatissima. Pale lilac rose, free habit; fragrant, mid-season	.30	3.00
Duc de Cazes. Bright pink, silvery reflex. Early	.25	2.50
Duc de Wellington. Large, sulphur-white flower of great fragrance and with long stems. Late.	.35	3.50
Duchesse de Nemours. Pure white, with a sulphur-white centre; very early and extra fine. Early	.25	2.50
Dr. Bretonneau. Lilac rose with cream white centre, flecked crimson. Mid-season.....	.30	3.00

	Each	Doz.
Edulis Superba. Beautiful shaped flower of a bright mauve pink color, with narrow edges of lilac. One of the best early sorts.....	\$0.30	\$3.00
Eugenie Verdier. Giant globe-shaped flower of a soft pink color. Mid-season.....	.50	5.00
Faust. Delicate flesh pink, with salmon centre. Mid-season	.25	2.50
Felix Crousse. Large bright red flowers on long stems. Mid-season	.50	5.00
Festiva. Large, full type, creamy white with crimson spots. Late bloomer.....	.50	5.00
Festiva Maxima. Beautifully shaped flower, 7 to 8 inches in diameter. Pure white, splashed red. late	.40	4.00
General MacMahon. Large anemone-shaped flower of a deep violet color. Mid-season.....	.50	5.00
Grandiflora Rosea. Full globe-shaped flower, light solferina red petals, salmon centre. Mid-season	.25	2.50
Lady Bramwell. Delicate silvery pink. Mid-season	.25	2.50
La Perle. Very large; globular; deep lilac white, blush centre prominently flecked carmine; fragrant	.50	5.00
La Rosiere. Imbricated petals of yellowish white with straw yellow centre. Mid-season.....	.35	3.50
L'Eclatante. Large globular flower of brilliant red color; very good variety. Mid-season.....	.25	2.50
L'Indispensable. Perfect shaped flower of a delicate creamy color, shaded pink. Mid-season...	.50	5.00
Louis Van Houtte. A rich shade of crimson maroon, an exceptionally fine large flower. Late..	.25	2.50
Marie Lemoine. Delicate rose white, with a creamy centre	.50	5.00
Mme. Calot. Pale hydrangea pink, centre shaded darker; collar tinted silver; free bloomer.....	.50	5.00
Mme. Leonie Calot. Delicate rosy white, centre petals slightly tipped carmine. Mid-season...	.50	5.00
Mons. Chas. Leveque. Rosy white, tipped carmine	.30	3.00
Mons. Krelage. Grand flowers of a dark pink color. Large and compact. Late	.50	5.00
Queen Victoria. Pure white; cream centre. Mid-season	.25	2.50
Victor Hugo. One of the very best of red paeonies	.50	5.00
Zoe Calot. Pure white; suffused rose. Mid-season	.25	2.50

## DOUBLE TREE PAEONIES

These very beautiful and free-flowering paeonies deserve to be included in every collection. They are from 2 to 3 weeks earlier than any other variety.

Our stock of these while comprised of named sorts, large-flowering varieties is in mixture only, so that we are unable to definitely determine the colors. However, they are so beautiful that any of the shades will prove a desirable acquisition.

Tree Paeonies. Extra strong plants, \$1.25 each; per doz., \$12.

## PAEONIA TENUIFOLIA (Flore Plena)

An early flowering species with fern-like foliage and double deep crimson flowers, a shade like the Jacq. Rose. Each, 30c.; per doz., \$3.00; \$20.00 per 100.

## PAEONY OFFICINALIS

This type is very large-flowering, coming into bloom earlier than most of the others; very fragrant and double.

	Each	Doz.	100
Officinalis Alba. Double white. Very early	\$0.30	\$3.00	\$20.00
Officinalis Rosea. Double pink. Very early	.30	3.00	20.00
Officinalis Rubra. Double red. Very early	.30	3.00	20.00

## PAEONIAS TO COLOR

	Each	Doz.	100
Double Red. Large roots.....	\$0.25	\$2.50	\$17.50
Double Pink. Large roots.....	.25	2.50	17.50
Double White. Large roots.....	.25	2.50	17.50

Michell's Book on "Hardy Perennials and How to Grow Them," compiled by an expert in hardy plants, contains 48 pages brimful of useful information on these popular subjects; offers suggestions as to the best kinds to plant under various conditions, gives plans for hardy borders, etc. Mailed free. Ask for a copy.

# MICHELL'S RELIABLE BULBS

FOR SUMMER AND EARLY AUTUMN PLANTING

Easter in 1920 Comes on April 4th

## \*ALLIUM (Neapolitanum) (Ready in August)

Used exclusively for indoor culture in pots and pans. It is especially adapted to forcing and makes an excellent cut flower; color pure white. Height, 12 inches. It is not hardy, so cannot be planted outdoors. Dozen and 100 lots mailed free. Each, 2c.; 20c. per doz.; per 100, \$1.25; \$10.00 per 1000.

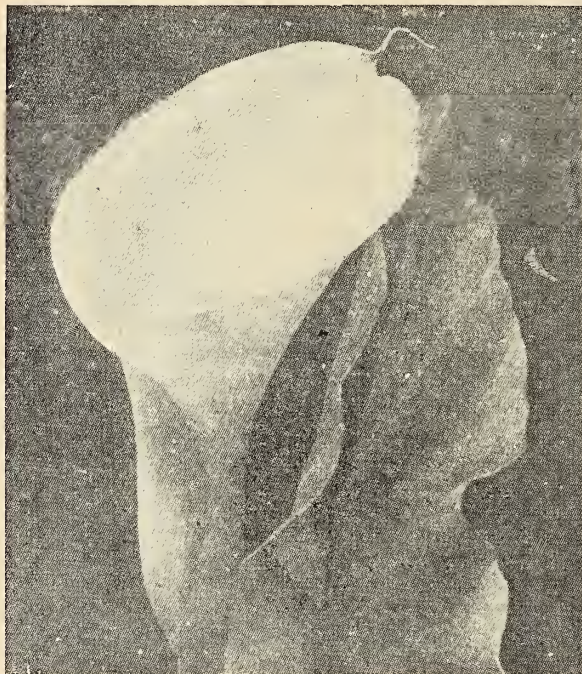
## AMARYLLIS

One of the most gorgeous showy house plants, giving splendid satisfaction, not only because of their requiring little care, but of their everlasting nature and tendency to increase.

**Cultural Directions.**—Place bulbs in live moss, only moderately moist, near a window of a warm room. Watch the bulbs carefully, and when the first sign of growth appears through the top, get a six-inch pot and be ready to pot up. The soil to be used should be fairly rich and when the bulb is set, most of it should be above the soil. Be moderate in watering first, but increase as growth increases, then place in a warm, light room near the window.

**Hybrids of Vittata.** Beautiful species, flowers striped and flaked. 60c. each; per doz., \$6.00.

**Johnsoni.** A very large crimson sort, striped white. Mammoth bulbs, 60c. each; per doz., \$6.00. First size bulbs, 40c. each; per doz., \$4.50.



White Calla Lily

## CALLA LILY BULBS

(Ready in September)

Callas require good, rich soil and plenty of warmth and water to make them thrive. Plant Callas indoors only.

### GODFREY DWARF EVERBLOOMING CALLA (New)

This comparatively new calla has proven an excellent one; its character is exactly like the *Æthiopica* or regular variety, except it is of much dwarfer habit and freer bloomer; very desirable as a pot plant. Large blooming size bulbs, 25c. each; doz., \$2.50; \$15.00 per 100.

CALIFORNIA CALLAS	Each	Doz.	100
White, Monster Size, 2 to 2½ in. diam.	\$0.50	\$5.00	\$35.00
“ Mammoth Size, 1¾ to 2 in. diam. ....	.30	3.00	20.00
“ Medium Size, 1½ to 1¾ in. diam. ....	.20	2.00	12.50
“ First Size, 1¼ to 1½ in. diam. ....	.15	1.50	10.00

(Other varieties of Callas ready in October)



Purity Freesia

## FREESIA “PURITY”

This grand type supersedes all the old varieties of Freesias. The flowers are almost twice the size of the regular type; they also differ somewhat, being a pure glistening white; the stems are often 15 inches long and very wiry, rendering it a most valuable cut flower. Each bulb will produce 3 or 4 flower stems.

	Each	Doz.	100	1000
First Size Bulbs.....	\$0.04	\$0.35	\$2.00	\$17.50
Mammoth Size Bulbs.....	.05	.40	2.50	20.00
Monster Size Bulbs.....	.10	1.00	5.00	45.00
Jumbo Bulbs .....	.12	1.25	6.00	50.00

## FREESIA FISCHERI (New)

A vast improvement over Purity Freesias and is described by the originator as the finest, largest, purest, strongest and most fragrant of all Freesias. Pure white without a trace of yellow. Each, 15c.; \$1.50 per doz.; per 100, \$10.00; \$85.00 per 1000.

## FREESIA NEW LAVENDER

Equal in size to the “Purity.” This variety produces flowers of excellent form and of splendid texture and of a delicate lavender. Price, each, 15c.; \$1.50 per doz.; per 100, \$10.00.

## TESTIMONIAL FROM JAPAN

The bulbs arrived here this morning per parcel post. They were all in perfect condition. Let me express my thanks for the careful execution of my order.

Yours truly,

F. OYAMA, 49 Fushi Midai, Dairen.

**SPECIAL NOTICE.**—Owing to the new Plant Quarantine which took effect June 1, 1919, it is doubtful if a number of varieties of Bulbs can be imported. We hope that the law will be modified to such an extent to allow the importation of these bulbs. Varieties affected by this law are marked with an asterisk (\*).



# MICHELL'S RELIABLE BULBS

## For Summer and Early Autumn Planting

### FRENCH ROMAN HYACINTHS

(Ready in August)

French Roman Hyacinths afford a continuous supply of bloom from early winter until late in spring if planted in succession (two weeks apart). They are very fragrant.

They are easily grown in pots or pans. The bulbs, if potted in August or September, the pots plunged in the open ground for a month, until the bulbs are well rooted, and then brought in the house, they can be had in flower in November or December, and a continuous supply of these delightful flowers may be had, by bringing in a few pots or pans of the rooted bulbs at intervals of about 2 weeks. The bulbs should be planted quite close together, a 6-inch pot or pan will be sufficiently large enough for six bulbs. They are not hardy and are not suitable for outdoor planting.

	Each	Doz.	100	1000
White, Selected, size 11-12 cm. . . . .	\$0.08	\$0.85	\$6.50	\$60.00
" Extra select, size 12-15 cm. . . . .	.12	1.10	7.75	70.00
" Mammoth, 13-15 cm. . . . .	.14	1.35	9.50	90.00
" Monster, 15 cm. and over. . . . .	.15	1.50	10.50	100.00
Light Pink . . . . .	.10	.90	6.50	
Light Blue . . . . .	.10	.90	6.50	
White Italian. Late; large spikes. . . . .	.10	.90	6.50	

Parcel post weight, 1 lb. per doz.; per 100, 8 lbs.



Mitchell's Monster White Roman Hyacinths

### TESTIMONIAL ON MICHELL'S BULBS

Commissioners of Luzerne County  
Wilkes-Barre, Pa.

The bulbs received from you last year were first-class in every way and gave results that were very much appreciated by the Commissioners as well as the public in general.  
N. C. KEELY.  
Court House, Wilkes-Barre, Pa.



Narcissus Paper White Grandiflora

### MICHELL'S EARLY NARCISSUS

(Polyanthus Type) (Ready in August)

This class of Narcissus is a most interesting one. They may be grown in water and pebbles like Chinese lilies, but they are equally suited for growing in soil. The flowers are produced in clusters, like the illustration, and they are delightfully fragrant. Not suitable for outdoors. Parcel Post Weight of Polyanthus Narcissus, 2 lbs. per doz.; per 100, 12 lbs.

- Double Roman.** White perianth, with an orange and yellow suffused cup, very free flowering and early. 4c. each; per doz., 40c.; \$2.75 per 100; per 1000, \$25.00.
- Grand Monarque.** Large, broad, white perianth with a primrose-yellow cup; a very striking flower. 6c. each; per doz., 50c.; \$3.25 per 100; per 1000, \$27.50.
- Grand Primo.** Large white perianth with yellow cup. 6c. each; per doz., 50c.; \$3.25 per 100; per 1000, \$27.50.
- Grand Soleil d'Or** (often called "Yellow Paperwhite"). Rich yellow, with deep red cup. For cutting this is a fine variety, as it makes a grand show. 10c. each; per doz., 90c.; \$6.50 per 100.
- Paper White Grandiflora, First Size Bulbs.** This is quite a specialty with us; of it alone we import over two million bulbs. It is a pure white flowering sort; used extensively for forcing, as it can be brought into bloom in 8 weeks' time; the stems are very long and it is excellent for bunching. 6c. each; per doz., 50c.; \$3.00 per 100; per 1000, \$27.50.
- Paper White Grandiflora, Mammoth Bulbs.** 8c. each; per doz., 70c.; \$4.00 per 100; per 1000, \$35.00.
- Paper White Grandiflora, Giant Bulbs.** 10c. each; doz., 75c.; \$5.00 per 100; per 1000, \$42.50.
- White Pearl.** A large pure white; very exquisite. 10c. each; per doz., 85c.; \$6.25 per 100; per 1000, \$55.00.

(See page 10 for other Early Narcissus)

# MICHELL'S RETAIL BULBS

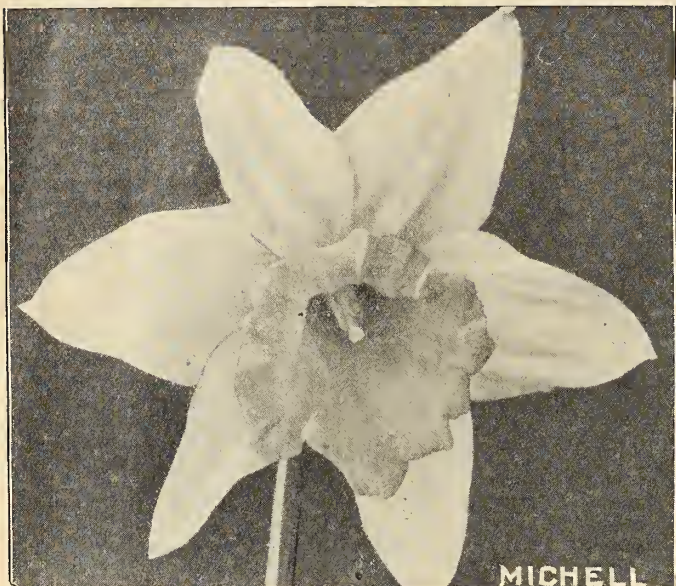
FOR SUMMER AND EARLY AUTUMN PLANTING

## MICHELL'S TRUMPET NARCISSUS

(For Early Forcing)

Extra Early Golden Spur. For Christmas and New Year's forcing this strain is far in the lead of the regular Dutch type. Free flowering, producing rich, golden yellow blooms. 8c. each; doz., 85c.; \$6.00 per 100.

French Trumpet Major (Christmas Flowering). A beautiful early flowering yellow variety. They force easily and can be had in flower without any trouble for Christmas. 6c. each; doz., 60c.; \$4.00 per 100; per 1000, \$35.00.



Single Narcissus, French Trumpet Major

## LILIUM HARRISII

(The Bermuda Easter Lily)

**Cultural Note**—In order to obtain best results, attention to the following brief directions will assist materially: Upon receiving the bulbs, pot them immediately. Place a handful of well-rotted cow manure in the bottom of the pot and place the bulb directly on top, covering it with soil. After watering, place in an outside pit and protect from the direct rays of the sun; cover well with soil, ashes or any other suitable litter. When the bulbs have become thoroughly rooted, bring inside, in a temperature of about 60 degrees; let the plants grow slowly under a bench or some other suitable place until about 6 inches high; then place on top of the bench. About two months before Easter they can be brought into a warmer temperature and gradually forced into flower and height at one time. An occasional application of liquid cow manure, starting about six weeks before flowering time, will stimulate the plant wonderfully. Thorough rooting is the most essential point.

## MICHELL'S "SPECIAL BRAND"

### LILIUM HARRISII

(True Bermuda Easter Lily)

Noted for freedom from disease, uniformity and free flowering qualities.

Size in Circum.	Each	Doz.	100
5 to 7 inches.....	\$0.15	\$1.50	\$10.00
6 to 7 " .....	.20	2.00	15.00
7 to 9 " .....	.30	3.00	20.00
9 to 11 " .....	.75	7.50	60.00
11 to 13 " .....	1.00	10.00	80.00

## LILIUM LONGIFLORUM MULTIFLORUM

MICHELL'S SPECIAL BRAND (Ready in October)

This brand must not be compared with lower priced bulbs, as it is a distinct selection.

	P. P. Wt. per doz.	
7 to 9 inches.....	3½ lbs.	} Prices will be established later
8 to 10 " .....	4 lbs.	
9 to 10 " .....	5 lbs.	
Monster Bulbs .....	7 lbs.	

## LILIUM FORMOSUM

(The Formosa Easter Lily)

Similar to the Bermuda Lily, but blooms earlier.

Dark Stemmed Type

(Flowering generally in March and April)

	P. P. Wt. per doz.	
7 to 9 inches circum.....	3½ lbs.	} Prices will be established later
9 to 10 " " .....	5 lbs.	
10 to 12 " " .....	7 lbs.	
Monster Bulbs .....	9 lbs.	

Green Stemmed Type

(Flowering generally in January, February and March)

	P. P. Wt. per doz.	
6 to 8 inches circum.....	2½ lbs.	} Prices will be established later
7 to 9 " " .....	3½ lbs.	
9 to 10 " " .....	5 lbs.	
10 to 12 " " .....	7 lbs.	
Monster Bulbs .....	9 lbs.	

## LILIUM LONGIFLORUM GIGANTEUM (True)

P. P. Wt. per doz.

6 to 8 inches.....	2½ lbs.	} Prices will be established later
7 to 9 " .....	3½ lbs.	
9 to 10 " .....	5 lbs.	
Monster Bulbs, 10 to 12 ins..	7 lbs.	

## LILIUM LONGIFLORUM "AZORES"

A splendid strain, grown at the "Azores," producing strong, uniform flowers. Free from disease.

Size in Circum.

6 to 7 inches.....	} Prices will be established later
7 to 9 " .....	
9 to 11 " .....	



Lil. Giganteum

# MICHELL'S RELIABLE BULBS

FOR SUMMER AND EARLY AUTUMN PLANTING

## LILIUM CANDIDUM (Madonna Lilies)

(Ready in August)

This variety is sometimes called St. Joseph's, Madonna, or Annunciation Lily. One of the most popular and satisfactory of the American garden lilies. Pure waxy white flowers produced on straight stems bearing anywhere from 10 to 30 blooms of good size and substance; delightfully fragrant. Effective planting is the result of massing them in clumps or borders. Our bulbs are grown in Northern France, where they have a reputation of growing the finest in the world. To insure absolute success, plant the bulbs as early as possible—September preferred—6 inches deep imbedded in sand and placed on their side; height, 4 feet; blooms in June.

	Each	Doz.	100
Large Bulbs...	\$0.15	\$1.50	\$9.00
Mammoth			
Bulbs .....	.20	2.00	12.50
Monster Bulbs.	.25	2.50	17.50

Other Lilies will be offered in Our September Catalog.



Lilium Candidum (Madonna Lily)

## \*ORNITHOGALUM ARABICUM (Star of Bethlehem)

Ready in August)

(Delivery doubtful. See note on page 8)

A favorite white, spring-flowering bulb; plant in October for outdoor use, or in September for indoor blooming. Large bulbs. (Price may be established later.)

## SAGO PALMS (Cycas Revoluta)

These interesting as well as ornamental plants may be grown from the dormant (leafless) trunk or stem with great success. Their cultivation is very simple and may be wintered in any conservatory or light living room. During the summer they can be placed upon the lawn, where they are most appropriate ornaments. We have just received a consignment from Japan, which will be the last to arrive, as the Plant Exclusion Law, which took effect June 1, 1919, prohibits the further importation of these plants. Fine strong dormant stems. 30c. per lb.; 5 lbs., \$1.25. Stems vary from 2 to 5 lbs. each.

### TESTIMONIALS ON MICHELL'S BULBS

Shiremanstown, Pa.

Bulbs I purchased from you last year did splendidly. I hope to order considerably more this year.

GEO. H. RUPP.

Bausman, Pa.

The bulbs received from you were excellent—could not have asked for anything better. As to your business methods, you are certainly O. K.

CHAS. E. BROOK.



## OXALIS (Ready in July)

For conservatory, greenhouse and window garden culture the Oxalis is ideal. It succeeds anywhere and with any one, flowering often in 6 to 8 weeks after planting.

	Each	Doz.	100
Grand Duchess. Yellow.....	\$0.04	\$0.40	\$1.75
“ “ White .....	.04	.40	1.75
“ “ Pink .....	.04	.40	1.75
“ “ Lavender .....	.04	.40	1.75
Bermuda Buttercup. Yellow first size...	.04	.40	1.75
“ “ Monster Bulbs ....	.05	.50	3.00
Bowei. Large flg.; rich pink.....	.04	.40	1.75

Our General Bulb Catalog is ready in September and contains a complete list of Bulbs

(hb)

# 12 MICHELL'S "DISTINCTIVE" FLOWER SEEDS

FOR SUMMER AND EARLY FALL SOWING

For Complete List of Flower Seeds, see our General Catalogue for 1919

## ACHILLEA (Milfoil or Yarrow)

Ptarmica, Fl. Pl., "The Pearl." Tall erect plants; pure white double flowers; hardy perennial; 2 ft. Large Pkt. Pkt. \$0.50 \$0.10

## ACONITUM (Monk's Hood or Helmet Flower)

Hardy perennial, thriving best in semi-shady situations; curious hood-shaped flowers in clusters; 4 feet; August-September. Large Pkt. Pkt. \$0.30 \$0.05

## AGROSTEMMA (Rose of Heaven, Mullein Pink)

Coronaria. Erect growing plants with silvery foliage and crimson flowers; hardy perennial; 2½ to 3 feet. .20 .05

## ALYSSUM

Lilac Queen. Dwarf and compact; flowers lilac. Large Pkt. Pkt. \$0.40 \$0.10  
 Little Dorritt. Extremely dwarf and compact, with miniature white flowers. .20 .05  
 Little Gem. Dwarf compact plants, densely covered with large pure white flowers; height, 4 inches. .20 .05  
 Lutescens. Dwarf and compact; yellow flowers. .40 .10  
 Saxatile Compactum (Basket of Gold). Showy golden yellow flowers; hardy perennial; 1 ft. oz., \$1.25 .25 .05  
 Sweet. Of trailing habit, with pure white flowers; 6 inches. .20 .05

## AMPELOPSIS (Boston or Japanese Ivy)

Veitchi. A hardy perennial climber with olive green leaves, which turn to scarlet in the autumn. .oz., 50c. .20 .10

## ANCHUSA (Sea Bugloss)

Italica "Dropmore." A hardy perennial plant, 4 feet high, with flowers of a lovely gentian blue. .30 .15

## ANEMONE (Wind Flower)

A dainty spring flower with bright cup-shaped blossoms; splendid for cutting; perennial. Large Pkt. Pkt. \$0.20 \$0.05  
 Coronaria Mixed. All colors; 1 foot. .40 .15  
 St. Brigid, or Poppy. Flowers of large size; semi-double and double; 1 foot. .40 .15

## ANTHEMIS (Hardy Marguerite)

Tinctoria Kelwayi. A handsome hardy perennial; daisy-like bright yellow flowers; 2 feet. .30 .10

## AQUILEGIAS OR COLUMBINES

A graceful spring flowering plant; exquisitely spurred flowers on stems 2 feet above the fern-like foliage.

Californica Hybrida. Mixed colors; long spurs. Large Pkt. Pkt. \$0.40 \$0.10  
 Chrysantha. Bright golden yellow. .50 .10  
 Chrysantha Alba. Pure white. .50 .10  
 Coerula (Rocky Mountain Columbine). Large flowers, violet-blue and white. .40 .10  
 Haylodgensis Delicatissima. Satiny rose. .50 .20  
 Long Spurred Hybrids. Flowers of many rich and varied colors, with long spurs. .40 .10  
 Nivea Grandiflora. Pure white. .20 .05  
 Rose Queen. Pink, white centre. .50 .15  
 Double Mixed. .oz., 75c. .20 .05  
 Single Mixed. .oz., 75c. .20 .05

## ARABIS (Rock Cress)

Alpina. Early spring flowering perennial; especially adapted for edging and rockery; plants form a dense carpet completely covered with pure white blossoms; 6 inches. .20 .05

## ARMERIA (Sea Pink or Thrift)

Formosa. A pretty hardy perennial for edgings; rosy pink flowers; 9 inches. .30 .10

## ANTIRRHINUM (Snapdragon)

A splendid plant for beds or borders and one of our choicest cut flowers; extensively forced under glass during the winter.

### MICHELL'S GIANT ANTIRRHINUMS

Spikes, 2 to 3 feet in length, with giant flowers.

Michell's Giant Salmon Pink. Long spikes of a delicate salmon pink color. Large Pkt. Pkt. \$0.50 \$0.15  
 Silver Pink. A fine variety; long spikes and a profuse bloomer. Original pkt., \$1.00.  
 Giant Garnet .25 .10  
 Giant Pink .25 .10  
 Giant Scarlet .25 .10  
 Giant Striped .25 .10  
 Giant White .25 .10  
 Giant Venus. Shell pink on white ground. .40 .15  
 Giant Yellow .25 .10  
 Collection, one packet each six colors, 50c.  
 Giant Mixed. All colors. .oz., 90c. .25 .10

### ANTIRRHINUMS—Various Sorts

The Semi-Dwarf sorts grow about 18 inches high, with large flowers over most of the stem. Large Pkt. Pkt. \$0.30 \$0.10

Semi-Dwarf. Bride. Pure white. .25 .10  
 " Captivation. Chamois, shaded pink. .25 .10  
 " Daphne. Pink .25 .10  
 " Defiance. Fiery scarlet. .25 .10  
 " Golden Queen. Golden yellow. .25 .10  
 " Nelrose. Pink .50 .25  
 " Queen of the North. Of purest white .25 .10  
 " Spitfire. Orange scarlet. .25 .10  
 " Mix'd. All colors. .oz., 90c. .25 .10  
 Tall Mixed. Regular strain. .oz., 75c. .20 .05  
 Tom Thumb Mixed. All colors; 12 inches. .25 .10

## ASPARAGUS

100 Seeds Pkt.

Hatcheri. Of dense and symmetrical growth; valuable for decorative use, also for specimen pot plants. \$1.00 \$0.25  
 Plumosus Nanus. An excellent plant for house or conservatory decoration. 1.00 .25  
 Sprengeri. One of the best plants to grow in hanging baskets for greenhouse in winter or for outdoors in the summer. .50 .10

## ASTER, PERENNIAL (Michaelmas Daisy)

Large Pkt. Pkt.

Choice Mixed. A showy perennial plant; star-like single flowers; 2 to 3 feet. \$0.30 \$0.10

## AURICULA (Primula Auricula)

Choice Mixed. These early flowering perennial plants resemble primroses and have multi-colored flowers in great variety; 6 inches. .65 .10

## BAPTISIA (False Indigo)

Australis. A strong growing perennial plant about 2 feet high, with dark green, deeply cut foliage and spikes of dark blue flowers in June and July. .25 .05

## BOCCONIA (Plume Poppy)

Cordata. A splendid hardy perennial, with glaucous green foliage and spikes 2 to 3 feet long of creamy white flowers; 5 feet. .20 .05

## BOLTONIA (False Chamomile)

Latisquama. A showy hardy perennial, with daisy-like flowers; color, pink, tinged with lilac; 4 to 6 feet. .30 .10

## BROWALLIA

Elegant free flowering plants; blooms finely in the winter if the plants are lifted and cut back; 18 inches. Large Pkt. Pkt. \$0.25 \$0.05

Elata Coerulea. Sky-blue flowers. \$0.25 \$0.05  
 Speciosa Major. Large ultramarine blue flowers; desirable as a pot plant for winter and spring flowering. .50 .10

**CALCEOLARIA**

Our strains of Calceolaria have a wide reputation as to large size and rich and varied colors of the flowers.

	Large Pkt.	Pkt.
Hybrida Grandiflora, Tall Mixed. Large flowering, rich, self-colored flowers saved from a choice collection; 18 inches.....	\$0.75	\$0.25
Hybrid Grandiflora, Pumila Compacta. Of dwarf, compact growth; trusses of large, self-colored and spotted flowers; 1 foot.....	.75	.25
James' Superb Strain. A robust grower, producing very large and beautiful flowers; 18 inches.	1.25	.50
Sutton's Perfection. Choicest mixed. Original packet .....	1.25	

**CALLIOPSIS (Coreopsis)**

California Sunbeams. Large flowers beautifully formed; various shades of yellow and brown...	.20	.10
Lanceolata Grandiflora. Single golden yellow flowers of graceful form; invaluable for cutting; flowers uninterruptedly the entire summer .....	oz., 60c.	.20 .10

**CAMPANULA MEDIA (Canterbury Bell)**

Showy, hardy biennial growing about 3 feet high, with large bell-shaped flowers. Sow from June 1st till September 1st; after frost has set in protect with leaves and straw.

	Oz.	Large Pkt.	Pkt.
Single Blue .....	\$0.75	\$0.20	\$0.05
" Pink .....	.75	.20	.05
" White .....	.75	.20	.05
" Mixed .....	.60	.20	.05
Double Mixed .....	¼ oz., 50c.	.30	.05

**CAMPANULA CALYCANTHEMA**

(Cup and Saucer)

These produce beautiful, large single flowers, resembling a cup and saucer; they require the same treatment as above.

	Large Pkt.	Pkt.
Blue .....	\$0.40	\$0.10
Pink .....	.40	.10
White .....	.40	.10
Mixed .....	¼ oz., 60c.	.30 .10

**CAMPANULAS OR BELLFLOWERS**

PERENNIAL VARIETIES

These are among our best known hardy perennials; the tall varieties are fine for cutting while the dwarf sorts make excellent border plants; all have dainty bell-shaped flowers.

	Large Pkt.	Pkt.
Carpatia, Blue (Carpathian Hare Bell). Compact tufts not exceeding 8 inches; flowers clear blue, held erect; blooms in June and July.....	\$0.25	\$0.05
Carpatia, Alba. Pure white.....	.25	.05
Persicifolia Grandiflora, Blue (Peach Bells). Spikes, 4 feet tall with blue bell-shaped flowers	.40	.15
Persicifolia Grandiflora, Alba. Pure white.....	.40	.15
Pyramidalis (Chimney Bell Flower). Perfect pyramids 6 feet high crowded with large bell-shaped flowers, blue and white mixed.....	.30	.05

**CANDYTUFT (Iberis)**

Sempervirens. Dwarf spring flowering perennial; flowers glistening white; May; 1 foot....	.50	.10
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**CARNATION**

Desirable for greenhouse culture in winter as well as for the garden in summer.

	Large Pkt.	Pkt.
Chaubaud's Everblooming Mixed. Blooms in five months after being sown.....	\$0.50	\$0.15
Choice Mixed. Double border.....	.50	.10
Early Vienna. Large double flowers in choicest mixture; 1 foot.....	.40	.10

**MARGUERITE CARNATIONS**

Excelsior Mixed. Immense flowers in all the beautiful shades .....	.40	.15
Pink .....	.40	.10
Scarlet .....	.40	.10
White .....	.40	.10
Yellow .....	.40	.10
Choice Mixed .....	oz., \$1.50	.25 .10

Ask for Cultural Leaflet No. 213 on the growing of Carnations from seed.

**CENTAUREA (Perennial)**

Large feathery flowers; splendid for cutting; blooms from July to September.

Montana. Blue; 1 foot.....	Large Pkt. Pkt.	\$0.30 \$0.10
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**CERASTIUM (Snow in Summer)**

Tomentosum. Dwarf, white-leaved edging plant; flowers white; perennial; 4 inches.....	.40	.15
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**CHRYSANTHEMUM (Perennial)**

Frutescens Grandiflorum (Paris Daisy or Marguerite). Single flowers, white with yellow centre .....	.20	.10
Japanese Hybrids. Large flowers of the finest types; an extra choice mixture; seed sown in spring will produce flowering plants by fall; 18 inches .....	.65	.15
King Edward VII. Flowers extra large; pure white and of perfect form.....	.25	.10
Mrs. C. Lothian Bell. Immense pure white flowers	.50	.15
Shasta Daisy, "Alaska." The finest of all; single white flowers on long stems; 2 feet.....	.50	.20

**CINERARIA**

Our Grandiflora Prize Strain is the best procurable, producing immense trusses of the largest flowers, often measuring up to 4 inches across.

	Large Pkt.	Pkt.
Grandiflora Prize Dwarf. Mixed colors.....	\$0.75	\$0.35
Grandiflora Prize Medium Tall. Mixed colors....	.75	.35
Hybrida. Choice mixed colors.....	.65	.25
Matador. Large bright red flowers.....	.75	.35
Radiata Hybrida. Small, star-like flowers.....	.75	.20
Stellata (Sutton's). Medium sized star-like flowers. Original pkt.....		1.00
Stellata Hybrida. Mixed colors.....	.75	.25
Sutton's Superb. Mixed colors. Original pkt....		1.00

Ask for Cultural Leaflet No. 203 on the growing of Cinerarias.

**CLEMATIS**

	Large Pkt.	Pkt.
Flammula. Feathery-white; fragrant flowers....	\$0.20	\$0.05
Jackman's Large Flowering. Mixed; saved from the finest, large flowering sorts.....	.50	.15
Paniculata (Japanese Virgin's Bower). Fragrant, white, star-shaped flowers.....	.20	.10

**CYCLAMEN**

MICHELL'S "DISTINCTIVE" GIANT

Grown for us in England by a Specialist who has received numerous First Prizes for the large size and beautiful coloring of the flowers.

	100 Seeds	Pkt.
Duke of Connaught. Crimson.....	\$2.00	\$0.50
Excelsior. White with red eye.....	2.00	.50
Grandiflora Alba. White.....	2.00	.50
Princess of Wales. Pink.....	2.00	.50
Salmon Queen. Salmon pink.....	2.00	.50
St. George. Flowers a beautiful salmon color; leaves margined with silver.....	2.00	.50
Mixed. All colors.....	1.50	.40

**VARIOUS CYCLAMEN**

Mrs. Buckston. Frilled and waved flowers; color delicate salmon. Original pkt.....		.75
Papilio (Butterfly). The edges of the flowers are beautifully fringed, or waved; mixed colors....	1.75	.40
Persicum. Choice mixed.....	1.00	.10
Sutton's Giant. Choicest mixed. Original pkt....		1.00

Ask for Cultural Leaflet No. 215 on the growing of Cyclamen.

**DAISY, ENGLISH DOUBLE (Bellis Perennis)**

Seed should be sown from June 1st till September, transplanted in the fall, and they will flower in the following spring. If sown in the spring they will flower in the autumn; 4 inches.

	Large Pkt.	Pkt.
Longfellow. Large double pink flowers.....	\$0.50	\$0.10
Monstrosa, Pink. This strain produces the largest and most perfectly double flowers of any variety	.65	.25
Monstrosa, White .....	.65	.25
Monstrosa, Mixed .....	.65	.25
Snowball. Purest white; large and double.....	.50	.10
Double Mixed .....	.40	.10

**DELPHINIUM (Hardy Larkspur)**

One of the finest hardy perennials; easily grown from seed; effective in beds, masses or borders.

	Large Pkt.	Pkt.
<b>Belladonna.</b> One of the most continuous blooming varieties; large spikes of clear turquoise blue; 5 feet.....	\$0.65	\$0.25
<b>Chinense Grandiflorum.</b> A dwarf strain with loose branches and sprays of bright blue flowers; 2 feet.....	oz., 90c. .25	.05
<b>Chinense Grandiflorum Album.</b> Pure white flowers.....	oz., 90c. .25	.05
<b>Elatum (Bee Larkspur).</b> Rich blue; 4 feet, oz., \$1.75.....	.30	.10
<b>Formosum.</b> Deep blue; 5 feet.....	oz., \$1.50 .30	.10
<b>Formosum Coelestinum.</b> Sky blue.....	.50	.15
<b>Kelway's Giant.</b> Plants are of strong, vigorous growth, with immense spikes of large flowers; many shades of blue; 5 to 7 feet.....	.50	.15
<b>Rev. E. Lascelles.</b> Large double, deep blue flowers with white centre.....	.50	.15
<b>Hybridum Mixed.</b> Choicest; 4 feet.....	oz., 75c. .20	.05

**DIANTHUS (Hardy Garden Pinks)**

<b>Clove Scented.</b> Double and semi-double varieties, in beautiful colors; fragrant.....	.40	.10
<b>Double Scotch.</b> Choice mixed colors.....	.40	.15
<b>Latifolius Atrococcineus Fl. Pl. (Everblooming Hybrid Sweet William).</b> Double scarlet.....	.30	.10
<b>Pheasant's Eye.</b> Single white fringed flowers with dark centre.....	oz., 75c. .20	.05

**DICTAMNUS (Gas Plant)**

<b>Fraxinella.</b> Showy bushy plants 2½ feet high, purple red flowers; perennial; June and July...	.20	.05
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**DIGITALIS (Foxglove)**

Ornamental hardy plants; long spikes of beautiful tubular-shaped flowers; blooms during June and July; 4 to 5 feet.

	Oz.	Large Pkt.	Pkt.
<b>Gloxiniaeflora, Pink</b> .....	\$1.00	\$0.25	\$0.10
“ <b>Purple</b> .....	1.00	.25	.10
“ <b>White</b> .....	1.00	.25	.05
“ <b>Mixed</b> .....	.90	.20	.05
<b>Grandiflora, Yellow</b> .....	.90	.20	.05
<b>Monstroza (Mammoth Foxglove).</b> The tall spikes are surmounted by one monstrous flower; all colors mixed.....	1.50	.30	.10

**EUPATORIUM**

<b>Fraseri.</b> Tall bushy plants with loose heads of feathery white flowers; perennial; 2 feet.....	.20	.10
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**FERNS**

Very desirable plants for ferneries.		
<b>Adiantum (Maiden Hair).</b> Mixed.....	.65	.15
<b>Pteris Varieties.</b> Mixed.....	.65	.15
<b>Choice Mixed.</b> Choice collection.....	.65	.15

We can also furnish all other varieties of fern spores.

**GAILLARDIA (Blanket Flower)**

One of the most showy of hardy perennials; spikes of gorgeously colored flowers of immense size.

	Large Pkt.	Pkt.
<b>Grandiflora Compacta.</b> A compact variety; choice mixed colors; 12 to 15 inches.....	\$0.20	\$0.10
<b>Grandiflora Sanguinea.</b> Blood red flowers; 2 ft..	.25	.15
<b>Grandiflora Semi-Double.</b> Mixed.....	.25	.10
<b>Grandiflora Sulphurea.</b> Sulphur yellow.....	.25	.10
<b>Grandiflora Superba.</b> Splendid mixed, 2 feet, oz., 75c.....	.20	.10

**GENTIANA (Blue Gentian)**

<b>Acaulis.</b> Dwarf hardy perennial; deep blue flowers; suited to moist, shady situations.....	.30	.10
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**GEUM**

<b>Atrosanguineum Fl. Pl.</b> Hardy perennial with large, showy, double, dark crimson flowers; 1½ feet.....	.25	.10
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**GOLDEN ROD (Solidago Canadensis)**

A well-known hardy perennial; deep golden yellow flowers; 2 feet.....	.20	.05
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**GYPSOPHILA (Baby's Breath)**

	Large Pkt.	Pkt.
<b>Paniculata.</b> Hardy perennial; flowers in graceful sprays of white; 2 feet.....	oz., 75c. \$0.20	\$0.05
<b>Paniculata, Fl. Pl.</b> Double white.....		.20

**HELENIUM (Sneeze-Wort)**

<b>Autumnale Superbum.</b> Perennial; large heads of golden yellow flowers; 5 to 6 feet.....	.30	.10
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**HELIOPSIS (Orange Sunflower)**

<b>Pitcheriana.</b> A handsome hardy perennial; deep orange yellow flowers; excellent for cutting; 3 to 4 feet.....	.20	.10
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**HEUCHERA (Alum Root)**

<b>Sanguinea.</b> Splendid plant; spikes of vivid crimson flowers; excellent for cutting; 1 foot.....	.50	.10
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**HIBISCUS (Marshmallow)**

Showy plants; large, beautiful bell-shaped flowers; perennial.

	Large Pkt.	Pkt.
<b>Crimson Eye.</b> Large white flowers with crimson centre; 4 feet.....	\$0.20	\$0.10
<b>Moscheutos.</b> Rosy red with dark centre.....	.20	.05
<b>New Giant (Mallow Marvel).</b> Mixed.....	.25	.15

**HOLLYHOCK**

A popular and desirable hardy perennial plant; excellent for planting among shrubbery or forming a background for other flowers; 6 to 7 feet.

<b>Allegheny.</b> Semi-double; mammoth flowers, edges fringed and lacinated; mixed.....	Oz. \$1.00	Large Pkt. \$0.25	Pkt. \$0.10
<b>Chater's Double, Maroon</b> .....	1.25	.25	.10
“ <b>Pink</b> .....	1.25	.25	.10
“ <b>Red</b> .....	1.25	.25	.10
“ <b>Salmon</b> .....	1.25	.25	.10
“ <b>White</b> .....	1.25	.25	.10
“ <b>Yellow</b> .....	1.25	.25	.10
“ <b>Mixed</b> .....	1.00	.25	.10

Collection, one packet each of above 6 colors.....

<b>Double Ever-blooming Mixed.</b> Colors range from white to deep black, yellow, pink, red and purple.....	1.25	.30	.15
<b>Single Ever-blooming Mixed</b> .....	1.00	.25	.10
<b>Single Mixed</b> .....	.90	.20	.10

**IRIS (Flowering Flag)**

<b>Kaempferi (Japanese Iris).</b> Perennial; blooms the second year from seed; mixed colors.....	.20	.10
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**LATHYRUS LATIFOLIUS**

(Everlasting or Perennial Pea)

Free flowering, hardy perennial climber with clusters of flowers resembling Sweet Peas; excellent for cutting.

	Oz.	Large Pkt.	Pkt.
<b>Crimson.</b> Brilliant.....	\$0.75	\$0.20	\$0.10
<b>Pink Beauty.</b> Bright rosy-pink.....	1.00	.25	.10
<b>White</b> .....	.90	.20	.10
<b>Choice Mixed.</b> All colors.....	.60	.20	.05

**LAVENDER**

(Lavendula Vera)

Well-known perennial plant bearing long spikes of fragrant blue flowers; 18 inches.....	.25	.05
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**LOBELIA**

<b>Cardinalis (Cardinal Flower).</b> Hardy perennial; tall spikes of bright scarlet flowers, very showy.....	.50	.10
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**LUPINUS (Lupins)**

Seeds sown in greenhouse during the late summer and fall months will produce an abundance of bloom for winter.

	Oz.	Large Pkt.	Pkt.
<b>Blue</b> .....	\$0.50	\$0.20	\$0.05
<b>Pink</b> .....	.50	.20	.05
<b>Scarlet, White Tipped</b> .....	.50	.20	.05
<b>White</b> .....	.50	.20	.05
<b>Mixed.</b> Annual varieties.....	.40	.20	.05

**LUPINUS (Perennial Varieties)**

<b>Polyphyllus, Blue</b> .....	.20	.05
“ <b>Roseus, Pink</b> .....	.25	.10
“ <b>Somerset, Yellow</b> .....	.40	.15
“ <b>White</b> .....	.20	.05
“ <b>Mixed</b> .....	oz., 40c. .20	.05

Ask for Cultural Leaflet No. 217 on the culture of Lupinus.

**LYCHNIS**

Perennials of easy culture; most effective in beds or borders.

Arkwrightii (New). Many shades and colors in mixture	Large Pkt.	Pkt.
Chalcedonica (Rose Champion). Fine scarlet cross-like flowers; 2 feet; July	oz., 50c.	\$0.20 .05
Haageana. Brilliant, large, orange, scarlet, pink, or crimson flowers, mixed, 1 foot; July		.50 .10

**LYTHRUM**

Roseum Superbum (Rose Loose Strife). A pretty hardy perennial; plants grow 3 feet high and produce spikes of rosy flowers.

	Large Pkt.	Pkt.
		.20 .10

**MIGNONETTE**

Seed may be sown at intervals during the summer for a succession of bloom; may also be forced in greenhouses during the winter.

Allen's Defiance. Spikes invariably attain a height of 12 to 15 inches; deliciously fragrant.	oz., 60c.	\$0.20 \$0.10
Bismarck. Compact plant of strong growth; stout spikes of large flowers	oz., 90c.	.25 .10
Golden Machet. Large golden yellow	oz., 50c.	.20 .10
Goliath. Giant spikes of brilliant red flowers		.20 .10
Machet. Large reddish tinted, sweet scented flowers	oz., 40c.	.20 .10
Michell's Colossal. Flower-spikes often average 18 inches; extremely fragrant		.50 .15
Miles' Spiral. Flowers whitish	oz., 40c.	.20 .05
Parson's White. Fragrant white flowers	oz., 50c.	.20 .05
Sutton's Giant. Reddish buff. Original pkts		.40 .10
Sweet Scented. The popular garden sort	oz., 20c.	.05 .10

Ask for Cultural Leaflet No. 204 on the growing of Mignonette.

**MYOSOTIS (Forget-Me-Not)**

Neat little plants with star-shaped flowers; for spring flowering sow in July or August.

Alpestris Victoria. Of bushy habit; bearing large bright blue flowers; very fine; 6 inches	oz., 90c.	\$0.30 \$0.10
Dissitiflora. Attractive deep blue flowers		.50 .10
Eliza Fanrobert. Large flowering, bright blue		.30 .10
Grandiflora Alba. Large white flowers; 8 inches		.30 .10
Grandiflora Rosea. Large pink flowers; 8 inches		.30 .10
Palustris. The true Forget-Me-Not; bright blue flowers; 8 inches		.50 .10
Palustris Semperflorens. Dwarf; blooms the entire season; deep blue		.50 .10
Royal Blue. Upright grower; blue; 1 foot		.40 .10
Ruth Fischer. A compact plant with light blue flowers; splendid for pots		.65 .25
Choice Mixed. Blue, rose and white	oz., 90c.	.20 .05

**Michell's Giant Pansies**

Seed sown in frames during July and August and transplanted later gives us the main crop of flowers the following spring.

**PANSIES IN MIXTURES**

Michell's Giant Exhibition. A blending of our own containing only the very choicest secured from the leading Pansy specialists; flowers of immense size, very heavy texture and of the most brilliant colors. Per oz., \$10.00; \$3.00 per 1/4 oz.; per 1/8 oz., \$1.75	Large Pkt.	Pkt.
		\$0.65 \$0.25
Bugnot, Odier and Cassier. A superb mixture of giant blotched varieties	1/8 oz., \$1.00	.65 .25
Giant Trimardeau. Very large flowering; all colors mixed	1/4 oz., \$0.75	.40 .10
Mad. Perret. Early flowering, fragrant, especially rich in red shades	1/4 oz., \$1.25	.65 .25
Masterpiece (Frisled Pansy). Flowers beautifully curled or waved	1/8 oz., \$1.00	.65 .25
Odier or Blotched. Beautiful strain	1/8 oz., \$1.00	.65 .15
Parisian Large Stained. Choice colors	1/8 oz., \$1.00	.65 .15
Triumph of the Giants, Mixed. Immense flowers of great brilliancy and richness of coloring, including many new and rare shades. Per oz., \$11.00; \$3.25 per 1/4 oz.; per 1/8 oz., \$2.00		.75 .50
Finest English Mixed	oz., \$2.00	.30 .10
Very Fine Mixed	oz., \$1.25	.25 .05

Ask for Cultural Leaflet No. 209 on the growing of Pansies.

**GIANT PANSIES—Separate Colors**

Giant Prize, Azure Blue. Violet blue	1/4 oz.	Large Pkt.	Pkt.
" " Black Blue. Dark velvety		\$0.50	\$0.15
" " Emperor William. Ultramarine blue		.50	.15
" " Hortensia Red. Scarlet	1.25	.50	.15
" " King of the Blacks. Black	1.25	.50	.15
" " Lord Beaconsfield. Violet	1.25	.50	.15
" " Peacock. Upper petals blue, lower petals deep claret; white margin	1.25	.50	.15
" " Snow Queen. Pure white	1.25	.50	.15
" " Striped and Mottled	1.25	.50	.15
" " White with dark eye	1.25	.50	.15
" " Pure Yellow	1.25	.50	.15
Yellow with dark eye	2.75	.30	.10

**SPECIAL OFFER:** We will send 6 packets of any of the above varieties of Giant Pansies for 75c; or the entire 12 pkts. for \$1.40.

**PANSIES—Regular Sorts in Separate Colors**

Belgian Striped. Showy	Oz.	Large Pkt.	Pkt.
Emperor William. Ultramarine blue	\$2.75	\$0.30	\$0.10
Faust (King of the Blacks). Almost black	2.75	.30	.10
Gold Margined. Purple, golden edge	2.75	.30	.10
Havana Brown	2.75	.30	.10
Lord Beaconsfield. Violet	2.75	.30	.10
Mahogany Colored	2.75	.30	.10
Silver Edged. Purple, silver edge	2.75	.30	.10
Snow Queen. Pure white	2.75	.30	.10
White with dark eye	2.75	.30	.10
Yellow Gem. Pure yellow	2.75	.30	.10
Yellow with dark eye	2.75	.30	.20

**SPECIAL OFFER:** We will send 6 packets of any of the above varieties of regular sorts of Pansies for 50c; or the entire 12 packets for 90c.

**PENTSTEMON (Beard Tongue)**

A perennial plant producing large spikes of flowers.

Barbatus Torreyi. Spikes of brilliant coral red, very effective; 3 to 4 feet	Large Pkt.	Pkt.
	\$0.30	\$0.10
Sensation. Large spikes of gloxinia-like flowers of brilliant colors; 2 feet; requires protection		.40 .15
Mixed. Choice colors; 3 feet		.20 .05

**HARDY PHLOX**

Decussata. Plants 2 feet high; flowers in all bright colors; sow seeds late in fall and they will germinate in the spring	Large Pkt.	Pkt.
	.40	.10

**PHYSOSTEGIA (False Dragon Head)**

A pretty hardy perennial, bearing freely, delicate tubular flowers; 3 to 4 feet; July-August.

Virginica. Pink	Large Pkt.	Pkt.
" Alba. White	\$0.25	\$0.10
	.30	.10

**PLATYCODON (Chinese Bell Flower)**

A very desirable perennial; 2 to 3 feet.

Grandiflorum, Blue	Large Pkt.	Pkt.
	\$0.30	\$0.05
Grandiflorum, White		.30 .05
Japonicus Fl. Pl. (Double Japanese Bell Flower). Large, glossy, deep blue flowers		.50 .15

**POLYANTHUS (Primula Elatior)**

Gold Laced. Flowers of brilliant colors, with distinct yellow edge		.50 .15
Double Mixed. Beautiful colors		.65 .15
English Mixed. All colors		.30 .10

**POPPY (Perennial)**

Giant Scarlet (Bracteatum). Large flowers; 3 feet		.20 .10
Iceland (Nudicaule). White		.30 .10
" Yellow		.30 .10
" Double Mixed		.30 .10
" Single Mixed		.20 .10
Oriental. Extra large flowers; deep scarlet		.20 .10
" Beauty of Livermore. Crimson with black blotch		.50 .10
" Mrs. Perry. Rich salmon pink		.50 .10
" Hybrids. Beautiful flowers of large size, mixed colors	1/4 oz., 50c.	.30 .10

**PRIMULA**

**FRINGED CHINESE PRIMROSE**

Our strains are unsurpassed and have won many first prizes.

	Large Pkt.	Pkt.
Alba Magnifica. White flowers with yellow eye.	\$0.75	\$0.40
Chiswick Red. Brilliant red.	.75	.40
Duchess. Large; white with zone of rosy carmine, yellow eye	.75	.40
Holborn Blue. A beautiful shade.	.75	.40
Kermesina Splendens. Crimson	.75	.40
Pink Pearl (New). Brilliant pink.	.50	.50
Rosy Morn. Delicate pink.	.75	.40
Stellata (Sutton's). Excellent pot plant; mixed.	1.00	
Michell's Prize Mixture. This mixture contains only the very finest sorts selected from the best strains	.75	.25

**PRIMULA OBCONICA GIGANTEA**

A great improvement over the old type; flowers much larger, and produced in greater abundance.

	Large Pkt.	Pkt.
Alba. White	\$0.65	\$0.20
Kermesina. Crimson	.65	.20
Lilacina. Pale lilac	.65	.20
Rosea. Pink	.65	.20
Hybrida Mixed	.65	.20

**PRIMULA OBCONICA GRANDIFLORA**

Compacta. Compact plants with rosy lilac flowers	.65	.25
Fimbriata. Flowers fringed; mixed colors	.65	.15
Vesuvius. Deep crimson	.65	.25

**PRIMULA—Various Sorts**

Buttercup. Yellow flowers; fine for pots	.65	.25
Kewensis (Verbena Scented Yellow Primrose). Spikes each 12 to 18 inches long; color, soft yellow	.65	.25
Malacoides. Resembles Primula Forbesi; flowers larger; if grown in greenhouse will bloom in four to five months after sowing; light lilac	.65	.20
Malacoides Alba. Flowers pure white	.65	.20
Malacoides Alba Plena. A new variety with double white flowers	.75	
Malacoides Rosea. Light rose to carmine rose	.65	.20
Malacoides Superba. Large flowers of a deep rosy pink color	.25	
Veris (English Cowslip). Hardy perennial; fragrant; mixed	.30	.10
Vulgaris (English Primrose). The common hardy English variety; canary yellow	.40	.10

Ask for Cultural Leaflet No. 206 on the growing of Primulas.

**PUERARIA THUNBERGIANA (Kudzu Vine)**

	Large Pkt.	Pkt.
One of the fastest growing hardy climbing plants; rosy purple pea-shaped blossoms	\$0.20	\$0.10

**PYRETHRUM (Perennial)**

Roseum. Flowers bright rose color; July; 2 feet		
Uliginosum. Large, single white flowers; September; 3 to 4 feet	.50	.10
Hybridum Single Mixed. Colors ranging from white to light pink and deep red, with bright yellow centres; July; 2 feet	.40	.10
Hybridum Double Mixed	.65	.25

**RUDBECKIA (Coneflower)**

Newmani. Large yellow flowers with black centre; perennial; 2 feet; all summer	.40	.10
Purpurea (Giant Purple Cone Flower). Hardy perennial; reddish purple flowers, with dark brown disc; 3 feet	.30	.10

**SALVIA**

Azurea Grandiflora. Hardy perennial producing during August and September spikes of pretty sky-blue flowers; 2 feet	.40	.10
Farinacea. A perennial variety, but best treated as an annual; color, light blue; 2 feet	.30	.10

**SCABIOSA**

Handsome perennial border plants, flowering the entire season.

	Large Pkt.	Pkt.
Caucasica. Soft blue	\$0.50	\$0.10
Caucasica Alba. Pure white	.50	.10
Japonica. Lavender blue	.20	.10

**SCHIZANTHUS (Butterfly Flower)**

One of our finest annuals, bearing a profusion of pretty butterfly-like flowers of various colors; desirable for winter blooming in pots.

	Large Pkt.	Pkt.
Grandiflorus Maximus. Flowers extra large, and of various colors		\$0.25
Hybridus Grandiflorus. Compact plants, with flowers of many shades and of orchid-like appearance; 12 inches	\$0.20	.10
Pink Beauty. A beautiful shade of rose pink		.50
Snowflake (New). Of compact habit, flowers pure white, beautifully fringed		.30
Wisetonensis. A showy variety, largely used as a pot plant for the house or conservatory; flowers range from white with yellow centre to pink with brown centre	.40	.20
Mixed. Various colors	.20	.05

**SMILAX**

A desirable greenhouse climber of great value for floral decorations; seed should be soaked 24 hours in warm water before sowing...oz., 60c.

	.20	.10
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**STATICE (Everlasting Flower)**

Latifolia. Hardy perennial variety, with large, deep blue flowers; 2 feet

	.30	.10
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**Michell's "Distinctive" Stocks**

The seeds we offer are hand-saved from pot-grown specimens and will produce a large percentage of double flowers.

**MICHELL'S "NICE" STOCK**

An early flowering strain; remarkable free bloomer; large double, fragrant flowers; fine for cutting. For winter blooming, sow from July to September.

	Large Pkt.	Pkt.
Abundance. Dwarf spreading habit; color, carmine rose	\$0.40	\$0.15
Beauty of Nice. Delicate soft pink	.40	.15
Crimson King. Brilliant fiery crimson	.40	.15
La Brillante. Rich brilliant crimson	.40	.15
Midsummer Night. Deep dark violet	.40	.15
Mme. Rivoire. Early flowering; pure white	.40	.15
Queen Alexandra. Delicate lavender	.40	.15
Victoria. Pure white	.40	.15
Choice Mixed. All colors	.40	.15

**MICHELL'S FLOWER MARKET STOCK**

This is the ideal stock for either garden, cutting or forcing under glass. Plants branch freely and produce from 10 to 15 heavy spikes of extra large perfect flowers; height, 2 feet.

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blood Red	\$0.40	\$0.15	Rose Pink	\$0.40	\$0.15
Dark Blue	.40	.15	White	.40	.15
Light Blue	.40	.15	Mixed	.40	.15
Flesh Pink	.40	.15			

**LARGE FLOWERED DWARF TEN-WEEK STOCK**

	Large Pkt.	Pkt.		Large Pkt.	Pkt.
Blood Red	\$0.30	\$0.10	White	\$0.30	\$0.10
Light Blue	.30	.10	Yellow	.30	.10
Pink	.30	.10	Mixed	.30	.10
Purple	.30	.10			

**VARIOUS STOCKS**

Bismarck. Immense pure white flowers	.40	.15
Brompton or Winter. Fine for forcing under glass or early summer flowering outdoor	.40	.10
Princess Alice (Cut-and-Come-Again). Branching plants with double pure white flowers	.40	.10
Wall-flower Leaved. Choice mixed	.40	.10

Ask for Cultural Leaflet No. 211 on the growing of Stocks.



**Early or Winter Flowering Spencer Sweet Peas**

	Pkt.	Oz.
Early Asta Ohn. Rich lavender.....	\$0.15	\$1.25
Early Heatherball. Mauve lavender.....	.15	1.25
Early Helen Lewis. Orange pink.....	.15	1.25
Early Hercules. Soft rose pink.....	.15	1.25
Early Lavender Nora.....	.15	.50
Early Lavender Pink.....	.15	1.25
Early Liberty. Deep sunproof crimson.....	.15	1.25
Early Meadow Lark. Rich cream.....	.15	1.25
Early Melody. Rose pink on white ground.....	.15	1.25
Early Morning Star. Deep orange scarlet in standard, with rich, orange-pink wings.....	.15	1.25
Early Mrs. A. A. Skaach. Clear, light pink....	.15	1.25
Early Mrs. M. Spanolin. Pure white.....	.15	1.25
Early Mrs. William Sim. Salmon pink.....	.15	1.25
Early Pink and White.....	.15	1.25
Early Red Orchid.....	.15	1.25
Early Rose Queen. Flowers are borne freely on long stems, are of large size, and usually four flowers are produced on a stem. Color a most attractive shade of pink..... ¼ oz., \$1.50	.50	4.00
Early Sankey. Large white; black seeded.....	.15	1.25
Early Snow Flake. Large pure white.....	.15	1.25
Early Song Bird. Pale pink on white ground....	.15	1.25
Early Songster. Rich lavender.....	.15	1.25
Early Spring Maid. Light pink on white ground	.15	1.25
Early Venus. White, blushed pink.....	.15	1.25
Early Warbler. Rich, mauve purple.....	.15	1.25
Early Wedgewood. Lovely clear blue.....	.15	1.25
Early White Orchid.....	.15	1.25
Early Yarrawa. Flowers exquisitely waved, and of large size, many of them being duplex or double. Color, a pleasing shade of bright rose pink with lighter wings.....	.15	1.25
Early Mixed Colors.....	.10	.75

**WINTER FLOWERING GRANDIFLORA SWEET PEAS**

	Pkt.	Oz.	¼ Lb.
Christmas Meteor. Scarlet.....	\$0.10	\$0.20	\$0.60
“ Pink. Pink and white.....	.10	.20	.60
“ White (Florence Denzer).....	.10	.20	.60
Earliest of All. Pink and white.....	.05	.20	.60
Le Marquis. Large dark blue.....	.10	.20	.60
Michell's Snowdrift. Pure white; black seeded; extra early.....	.10	.25	.75
Mont Blanc. Pure white.....	.05	.20	.60
Mrs. Alex. Wallace. Lavender.....	.10	.20	.60
Mrs. Chas. H. Totty. Lavender.....	.10	.20	.60
Mrs. F. J. Delansky. Daybreak pink....	.10	.20	.60
Mrs. William Sim. Salmon pink.....	.10	.20	.60
Watchung. Pure white.....	.10	.20	.60
Mixed. Winter flowering.....	.10	.20	.60

**STOKESIA (Cornflower or Stokes' Aster)**

A very desirable hardy perennial plant, bearing freely from July to October handsome Centaurea-like blossoms; 1½ to 2 feet.

	Large Pkt.	Pkt.
Cyanea. Light blue.....	\$0.30	\$0.10
“ Alba. Pure white.....	.30	.10

**SUNFLOWER (Helianthus)**

Showy perennials blooming all summer.

Golden Bouquet. Single yellow flowers; 5 feet..	.30	.10
Choice Mixed. Single flowering.....	.40	.10

**SWEET ROCKET (Hesperis)**

Mixed. Fragrant white and purple flowers; perennial; 2 to 3 feet.....	.20	.05
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**SWEET WILLIAM (Dianthus Barbatus)**

One of the finest hardy garden plants; of easy culture, and lasting for years. The plants grow about 1½ feet high.

	Large Pkt.	Pkt.
Auricula Flowered. Single mixed.....	\$0.20	\$0.05
Single, Crimson.....oz.,	\$0.75	.20 .05
“ Pink Beauty. Salmon pink.....	.40	.15
“ Scarlet Beauty. Deep scarlet.....	.40	.15
“ Velvety Maroon.....oz.,	\$0.75	.20 .05
“ White.....oz.,	\$0.75	.20 .05
“ Mixed. All colors.....oz.,	\$0.40	.20 .05
Double Mixed.....oz.,	\$0.90	.20 .10

**VALERIANA (Garden Heliotrope)**

Hardy perennial border plants; fragrant flowers; 2 to 3 ft.

	Large Pkt.	Pkt.
Mixed.....	\$0.20	\$0.05

**VERONICA (Speedwell)**

An elegant hardy perennial of easy culture; valuable as a cut flower or for garden effect.

	Large Pkt.	Pkt.
Spicata. Bright blue; 18 inches.....	\$0.30	\$0.10

**VIOLA CORNUTA (Tufted Pansies)**

These resemble pansies in shape and form, with the additional quality that they have long stems, and bloom from early spring till late in fall.

	Large Pkt.	Pkt.
Admiration. Dark blue.....	\$0.50	\$0.10
Mauve Queen. Lovely mauve color.....	.50	.10
Perfection. Light blue.....	.50	.10
White Perfection. Pure white.....	.50	.10
Mixed. All colors.....	.40	.10

**VIOLA (Scotch Bedding Pansies)**

These are very free flowering and cannot be surpassed for bedding purposes; produce larger flowers than the Viola Cornuta.

	Large Pkt.	Pkt.
Golden Gem. Yellow.....	\$0.50	\$0.15
Lutea Splendens. Rich golden yellow.....	.40	.10
Snowflake. Pure white.....	.50	.15
Mixed. From the best named Scotch varieties...	.65	.25

**WALLFLOWER**

While these are perennials, they are not perfectly hardy; the plants should be lifted late in the fall and planted in a cold-frame, and removed to the garden again in the spring; the flowers are fragrant and splendid for cutting; double varieties, 2 feet; single varieties, 1½ feet.

	Large Pkt.	Pkt.
Double Brown.....	\$0.50	\$0.10
“ Yellow.....	.50	.10
“ Mixed. All colors.....	.50	.10
Single Mixed.....oz.,	40c.	.20 .05
Imported Collection. 6 double varieties.....	.50	
Imported Collection. 6 single varieties.....	.40	

Paris Extra Early. A single-flowering variety, which may be treated as an annual, flowering the first year from seed.

	Large Pkt.	Pkt.
Paris Extra Early. Blood Red.....	\$0.20	\$0.10
“ “ Yellow.....	.20	.10
“ “ Mixed. All colors...oz.,	60c.	.20 .10

**MICHELL'S COLLECTION OF HARDY PERENNIAL FLOWER SEEDS**

18 Varieties. Special Price, \$1.25. One packet each of the following:

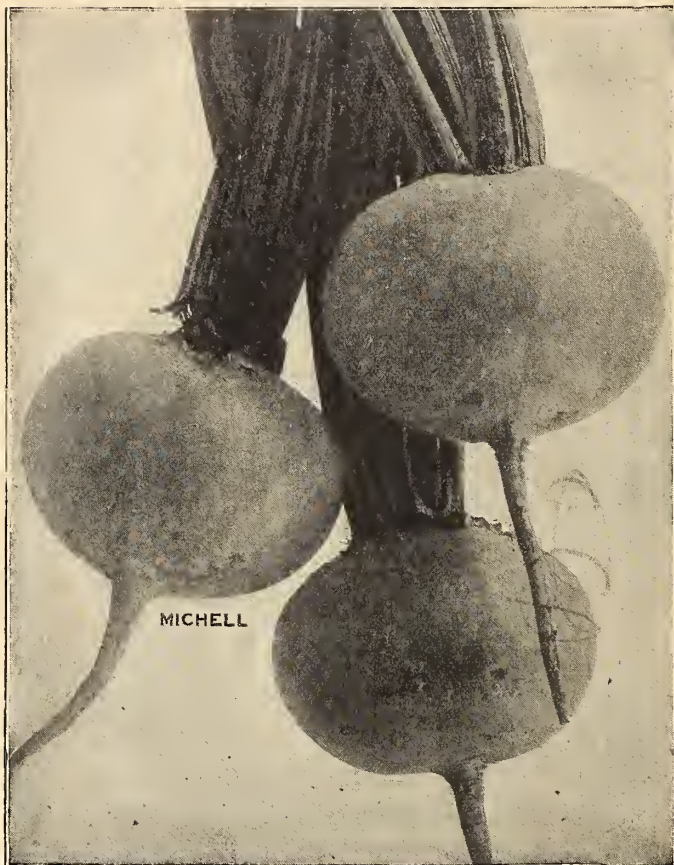
Alyssum Saxatile.	Gypsophila. Paniculata.
Aquilegia. Single Mixed.	Hollyhock. Double Mixed.
Calliopsis. Lanceolata	Lobelia. Cardinalis.
Grandiflora.	Poppy. Orientale.
Campanula. Pyramidalis.	Pyrethrum. Single Mixed.
Delphinium. Formosum.	Rudbeckia. Purpurea.
Dianthus. Clove Scented.	Scabiosa. Caucasia.
Digitalis. Gloxinaeflora.	Stokesia. Cyanea.
Mixed.	Sweet William. Double.
Gaillardia. Grandiflora.	Mixture of Perennial Flowers.

**MICHELL'S PERENNIAL FLOWER GARDEN MIXTURE**

To create an old-fashioned wild garden or to naturalize along roads or woods we highly recommend this mixture, as it contains many hundred varieties of the choicest old-fashioned flowers. Pkt., 10c.; 40c. per oz.; per ¼ lb., \$1.25.

# 18 MICHELL'S SEASONABLE VEGETABLE SEEDS

For complete list see our General Seed Catalogue, mailed free on request



Beet, Crosby's Egyptian

## BEET—Table Varieties

	Pkt.	Oz.	¼ lb.	Lb.
Arlington Favorite Blood (Turnip)	\$.10	\$.25	\$.85	\$3.00
Bassano Extra Early (Turnip)	.10	.20	.60	2.00
Bastian's Half Long Blood	.10	.20	.60	2.00
Crimson Globe (Michell's Improved)	.10	.20	.65	2.25
Crosby's Egyptian (Turnip)	.10	.25	.75	2.25
Detroit Dark Red (Turnip)	.10	.20	.60	2.00
Eclipse Extra Early (Round)	.10	.20	.65	2.25
Edmand's Blood (Turnip)	.10	.20	.65	2.00
Swiss Chard. Giant Lucullus	.10	.25	.75	2.75

## BEANS—Green Podded, Dwarf Varieties

Large Packets of all varieties 10c. postpaid.  
If Beans are wanted by parcel post please add postage.

	Lb.	5 lbs.
Boston Navy or Pea	\$.35	\$1.65
Early Long Yellow (6 weeks)	.35	1.60
Early Mohawk (6 weeks)	.35	1.60
Black Valentine	.35	1.60
Mammoth Stringless or Giant Valentine	.40	1.80
Red Valentine	.35	1.60
Stringless Green Pod Improved	.40	1.80
White Kidney or Royal Dwarf	.35	1.65
White Marrowfat (used shelled)	.35	1.65

## BEANS—Wax or Yellow Podded

	Lb.	5 lbs.
Black or German Wax	\$.40	\$1.80
Currie's R. P. Golden Wax	.40	1.80
Dwarf Golden Wax Improved	.40	1.80
Wardwell's Kidney Wax	.45	2.15
Davis White Wax	.45	2.15
Round Podded Kidney Wax	.45	2.15
Sure Crop Stringless Wax	.40	1.80

## CAULIFLOWER

	Pkt.	¼ oz.	Oz.
Danish Giant	\$.25	\$1.25	\$4.50
Early Snowball (True), for forcing	.25	1.25	4.50
Earliest Snow Storm, for forcing	.25	1.75	6.00
Half Early Paris, for outdoor use	.10	.50	1.50
Michell's Selected Erfurt (True)	.25	1.25	1.50

## CORN, Sweet or Sugar—Connecticut Grown

Varieties that can be planted early in July. Large Packets 10c. postpaid.

Parcel Post Weight of Corn: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	1 lb.	5 lbs.
Early Evergreen	\$.40	\$1.85
Golden Bantam	.40	1.85
Kendel's Early Giant	.40	1.85
Stowell's Evergreen (Improved Strain)	.35	1.65

Also all other varieties

## CORN SALAD

	Pkt.	Oz.	¼ lb.	Lb.
Large Leaved, Round Seeded	\$.10	\$.20	\$.65	\$2.25

## CUCUMBER

	Pkt.	Oz.	¼ lb.	Lb.
Davis' Perfect	\$.10	\$.20	\$.65	\$2.25
Evergreen	.10	.20	.60	2.00
Emerald	.10	.20	.65	2.25
Japanese Climbing	.10	.15	.50	1.75
Jersey Pickle or Green Prolific	.10	.20	.65	2.25
Long Green Turkey (Improved)	.10	.25	.75	2.25
Small Gherkin or Burr	.10	.20	.65	2.25
White-Spined (Arlington Strain)	.10	.20	.65	2.25

## ENGLISH CUCUMBERS

These are ideal for growing outdoors as well as under glass. They produce enormous fruits, generally 18 to 24 inches long and 3 inches in diameter.

Lockie's Perfection, Sion House, Telegraph, Tender and True. Each per packet of 12 seeds, 30c.; \$2.25 per 100 seeds.

## CARROTS

	Pkt.	Oz.	¼ lb.	Lb.
Chantenay Half Long	\$.10	\$.20	\$.65	\$2.25
Danvers Half Long	.10	.20	.65	2.25
Early Scarlet Horn	.10	.20	.65	2.25
Guerande or Oxhart	.10	.20	.65	2.25
Half Long Scarlet	.10	.20	.65	2.25
Improved Long Orange	.10	.20	.65	2.25
Rubicon Half Long	.10	.25	.75	2.75
White Belgian	.10	.15	.50	1.50

## ENDIVE

	Pkt.	Oz.	¼ lb.	Lb.
Broad Leaved Batavian (Escarolle)	.10	.20	.60	2.25
Giant Fringed	.10	.20	.65	2.25
Improved Green Curled	.10	.20	.65	2.25

## KALE

	Pkt.	Oz.	¼ lb.	Lb.
Dwarf Green Curled	.10	.30	1.00	3.25
New Imperial Long Standing	.10	.25	.75	2.50

All prices subject to change without notice

(hb)

# Michell's Seasonable Vegetable Seeds, Etc.

## LETTUCE

	Pkt.	½ oz.	Oz.	¼ lb.	Lb.
All Heart .....	\$0.10	\$0.15	\$0.25	\$0.75	\$2.50
All-Right, Spring and Autumn..	.10	.15	.25	.75	2.50
Black Seeded Simpson .....	.10	.15	.20	.70	2.25
Dutch Butter, Private Stock....	.10	.15	.25	.75	2.25
Improved Hanson .....	.10	.15	.20	.70	2.25
Kingsholm Cos or Romaine.....	.10	.15	.25	.75	2.50
Mammoth Salamander (True)..	.10	.15	.20	.70	2.25
Silesian, loose leaved.....	.10	.15	.20	.70	2.25
Wonderful (forcing and summer use) .....	.10	.15	.20	.70	2.25

For other Varieties see our General Seed Book

## PARSLEY

	Pkt.	Oz.	¼ lb.	Lb.
Champion Moss Curled .....	\$0.10	\$0.15	\$0.50	\$1.50
Double Curled (Covent Garden)...	.05	.15	.50	1.50
Hamburg or Rooted .....	.10	.15	.50	1.75

## PEAS

Large Packets of all varieties 10c. postpaid.  
Parcel Post Weight of Peas: 1 pt. equals 1 lb.; 1 qt. equals 2 lbs.

	Lb.	5 lbs.
Alaska (Extra Early).....	\$0.35	\$1.65
American Wonder .....	.35	1.65
Bliss, Abundance (Medium Early).....	.35	1.65
Dandy (Extra Early), Michell's.....	.35	1.65
Early June .....	.35	1.65
Gradus (Extra Early).....	.40	1.85
Michell's Special Extra Early .....	.40	1.85

For other Varieties see our General Seed Book

## RADISH

	Pkt.	Oz.	¼ lb.	Lb.
Black (½ Long Winter).....	\$0.10	\$0.20	\$0.50	\$1.75
Black Spanish (Round Winter)....	.10	.20	.60	1.75
Cardinal Globe (Improved Strain)..	.10	.25	.75	2.50
Celestial or White Chinese (Winter)	.10	.20	.65	2.00
China Rose (Winter).....	.10	.20	.65	2.00
Crimson Giant (New).....	.10	.20	.65	2.00
French Breakfast .....	.10	.20	.65	2.00
Icicle (Improved Strain).....	.10	.20	.65	2.00
Long Scarlet Short Top .....	.10	.15	.50	1.50
Round Red .....	.10	.20	.65	2.00
White Box (Felton's Private Stock)	.10	.20	.60	1.75
White Strasburg (½ Long).....	.10	.20	.65	2.00

## SPINACH

	Pkt.	Oz.	¼ lb.	Lb.
Bloomsdale Savoy (Improved Strain) .....	\$0.10	\$0.15	\$0.40	\$1.50
Long Season (New) .....	.10	.15	.40	1.50
New Zealand .....	.10	.20	.65	2.25



Michell's (Improved Strain) Cardinal Globe Radish

## TOMATOES—Adapted for Forcing

	Pkt.	½ oz.	Oz.
Best of All (Sutton's) .....	\$0.10	\$0.30	\$0.50
Comet .....	.10	.30	.50
Eclipse (Sutton's) in original Pkts.....	.60		
Michell's Crackerjack .....	.10	.30	.60

## TURNIP AND RUTA BAGA

	Pkt.	Oz.	¼ lb.	Lb.
Cow Horn .....	\$0.10	\$0.20	\$0.60	\$2.25
Early Purple Top, Flat.....	.10	.20	.60	2.25
White Globe (Private Stock).....	.10	.20	.70	2.50
Ruta Baga, Yellow Purple Top (Private Stock) .....	.10	.20	.65	2.25
Yellow Aberdeen, Flat .....	.10	.15	.50	1.75
Yellow Globe or Amber .....	.10	.20	.65	2.25

## MICHELL'S SUPERIOR MUSHROOM SPAWN

### BRANDYWINE PURE CULTURE SPAWN

This is an entirely new strain, originating in the section of Pennsylvania that supplies New York and Eastern markets with mushrooms.

Per Brick .....	\$0.35	Per 10 Bricks.....	\$2.75
Per 5 Bricks.....	1.50	Per 25 Bricks.....	6.50
		Per 50 Bricks.....	\$12.50

### AMERICAN SPORE CULTURE SPAWN

This type produces larger mushrooms than the English, coming into bearing somewhat earlier, and continuing to crop for a long time.

Direct No. 8. Cream White. For use from April to Oct.			
Direct No. 9. Pure White. For use from October to April.			
Per Brick .....	\$0.35	Per 10 Bricks.....	\$2.75
Per 5 Bricks.....	1.50	Per 25 Bricks.....	6.50
		Per 50 Bricks.....	\$12.50



# MICHELL'S RECLEANED GRASS SEEDS

## MIXTURES FOR LAWNS

**Michell's Clover Lawn Grass Seed Mixture.** 30 lbs. per bu. For sandy soils lacking humus or for seashore lawns—per pint, 30c.; 50c. per qt.; 2 qts., 90c.; 4 qts., \$1.75; per peck, \$3.00; per bu., \$11.50.

**Michell's Top Notch.** 25 lbs. per bu. The finest Lawn Mixture in existence. It is not put up or sold in less quantity than 1 peck. Prices: \$2.00 per peck; \$7.50 per bu. of 25 lbs.; 2 bu., \$14.50; \$35.00 per 5 bu.; 100 lb. lots and over 28c. per lb.

**Michell's Green Velvet.** 20 lbs. per bu. Produces a perfect Lawn in 4 to 5 weeks time. Sow 4 bu. per acre. Prices: 30c. per qt.; 4 qts., 90c.; \$1.50 per peck; per bu., \$6.00; 100-lb. lots and over, 28½c per lb.

**Michell's Evergreen.** 20 lbs. per bu. The standard Lawn Mixture in the U. S. for the past twenty-five years. Always satisfactory. Sow 4 bu. per acre. Prices: 25c. per qt.; 4 qts., 75c.; \$1.25 per peck; bu. (20 lbs.), \$4.50; 100-lb. lots and over, 21c. per lb.

**Michell's Shaded Lawn Grass.** Will produce perfect swards in the most densely shaded places. Prices: 30c. per qt.; 90c. per 4 qts.; peck, \$1.50; \$6.00 per bu. (20 lbs.); 100-lb. lots and over, 28½c. per lb.

**Fairmount Park Lawn Seed.** Sow 4 bu. to the acre. Prices: per qt., 20c.; 60c. for 4 qts.; 90c. per peck; per bushel of 15 lbs., \$3.00; 100-lb. lots and over, 19c. per lb.

**Michell's Seashore Formula Grass Seed.** Contains such grasses as thrive in salt air regions. Sow 4 bu. to the acre. Prices: per qt., 30c.; 90c. for 4 qts.; \$1.50 per peck; per bu. of 20 lbs., \$6.00; 100-lb. lots and over, 28½c. per lb.

**Michell's Terrace or Embankment Grass Seed.** Sow 4 bu. to the acre. Prices: per qt., 25c.; 75c. for 4 qts.; \$1.35 per peck; per bu. of 20 lbs., \$5.00; 100-lb. lots and over, 24c. per lb.

**Southern States Lawn Grass Seed.** Made up especially for dry, hot localities, especially suited to the Southern States. 15 lbs. per bu. Prices: 20c. per qt.; 60c. for 4 qts.; peck, \$1.00; \$3.50 per bu.; 100-lb. lots and over, 21c. per lb.

**Special Sod Grass Seed.** Producing a heavy sod in a short time. 15 lbs. per bu. Prices: 25c. per qt.; 75c. for 4 qts.; peck, \$1.15; \$4.00 per bu.; 100-lb. lots and over, 25c. per lb.

**Woodlands Lawn Mixture.** 20 lbs. per bu. For sowing in dense shade among trees, in woods, etc. \$1.25 per peck; per bu., \$4.50; \$21.00 for 5 bu.; 100-lb. lots and over, 21c. per lb.

## MIXTURES FOR PLEASURE GROUNDS

### Michell's Fair Greens Mixture Golf Course

Composed of short-growing, deep-rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency, should receive additional sowings during the season. Sow 6 bu. per acre. Prices: per qt., 25c.; 75c. for 4 qts.; 1 peck, \$1.25; 1 bu. (20 lbs.), \$5.00; 100-lb. lots and over, 23¾c. per lb.

## GRASSES IN SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination

Prices Subject to Market Changes

We handle the best recleaned grass seeds in separate varieties. Some persons like to do their own mixing or prefer to sow only one kind of grass; we make no charge for mixing.

Lbs. per bush.	Lb.	Bush.	100 Lbs.
35	Bermuda Grass		\$0.60
14	Blue Grass (Kentucky). Extra fancy 3 to 5 bu. per acre (\$1.25 per peck)	.35	\$4.00 \$27.00
14	Blue Grass (Canadian). 3 to 5 bu. per acre	.30	3.50 17.50
20	Creeping Bent. 4 bu. per acre	.75	13.00 60.00
21	Crested Dogtail, 3½ to 4 bu. per acre	.50	9.00 40.00
24	English Rye (Pacey's Fancy Short Seeded). Fine for Lawns. 3 bu. per acre	.30	6.00 20.00
14	Fine Leaved Fescue		Price on application
10	Herd or Red Top. Unhulled, 4 to 5 bu. per acre	.20	1.75 15.00

## MIXTURES FOR PLEASURE GROUNDS

(Continued)

### Michell's Putting Greens Mixture

A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We do not recommend less than 1 bu. of 25 lbs. to a green 75 feet square. Prices: 1 qt., 35c.; 4 qts., \$1.25; 1 peck, \$2.25; 1 bu. (25 lbs.), \$9.00; 100-lb. lots and over, 35c. per lb.

**Teeing Grounds Mixture.** Used on golf courses or in places where a tough, resisting turf is wanted (20 lbs. per bu.). 25c. per qt.; 4 qts., 65c.; \$1.00 per peck; per bu., \$4.00.

**Lawn Tennis Grass Seed.** Tennis courts need grasses of a hardy nature, of fine leaf and close, compact growth. Our mixture will be found particularly adapted for the purpose (20 lbs. per bu.). Prices: 1 qt., 25c.; 75c. for 4 qts.; per peck, \$1.35; \$5.00 per bu.; 100-lb. lots and over, 24c. per lb.

## MIXTURES FOR MISCELLANEOUS PURPOSES

**Michell's Permanent Pasture Grass Seed.** In the past few years ideas of what was the best way to establish a permanent grazing sod have undergone many changes. The old prevalent method of sowing timothy and clover has been found not only costly, but too short-lived to answer the purpose. The old custom has given way to the new, which is the sowing of a mixture of permanent grasses. Michell's Permanent Pasture Grass Seed is composed of about 10 of the best growing and most nutritious grasses and clovers for stock feeding or grazing. One sowing will last many years, although we advise additional sowing each autumn, just previous to which a light harrowing is recommended to give the grass a quick hold. Sow 3 to 4 bu. per acre on new land or 2 bu. on established pastures (15 lbs. per bu.). Prices: per qt., 20c.; 4 qts., 75c.; per peck, \$1.00; per bu. (20 lbs.), \$3.75; 100-lb. lots and over, 18c. per lb.

**Michell's Permanent Hayfield Grass Seed.** While timothy is still extensively sown for this purpose, this mixture is gradually being adopted by the progressive farmer. Its main advantages are that certain grasses in this mixture will grow better in varying conditions of soil, thus giving a full crop of hay on land that otherwise might produce but a half crop of timothy and clover. Our formula is the outcome of thorough trials in every kind of soil. Sow 3 to 4 bu. per acre on new lands or 2 bu. on established fields (15 lbs. per bu.). Prices: per qt., 20c.; 4 qts., 75c.; per peck, \$1.00; per bu. (20 lbs.), \$3.75; 100-lb. lots and over, 18c. per lb.

**Michell's Poultry Yard Grass Seed.** Chickens love grass and should be placed where they can get it as much as possible. We put plenty of clover seed in this mixture, as it is very nutritious, and the fowls relish it (15 lbs. per bu.), 20c. per qt.; 4 qts., 60c.; 90c. per peck; bu., \$3.90.

## WHITE CLOVER

Choice recleaned for sowing on lawns, pastures, etc. Sow 10 to 12 lbs. per acre (60 lbs. per bu.). Per ¼ lb., 20c.; 75c. per lb.; 5 lbs., \$3.65; \$7.00 for 10 lbs.; per bu., \$40.00; per 100 lbs., \$65.00.

Lbs. per bush.	Lb.	Bush.	100 Lbs.
12	Hard Fescue. 30 lbs. per acre		Price on application
18	Italian Rye. 50 lbs. per acre	\$0.30	\$5.00 \$22.50
22	Meadow Fescue. English Blue Grass	.50	9.75 40.00
12	Orchard. 40 lbs. per acre	.50	5.40 40.00
14	Red or Creeping Fescue	.60	7.50 50.00
32	Red Top. Recleaned	.30	7.75 22.00
14	Rhode Island Bent. 40 lbs. per acre	.65	8.00 60.00
12	Sheep's Fescue. 40 lbs per acre		Price on application
	Sudan Grass		.30
	Sweet Vernal (Perennial). 3 lbs. per acre with other grass		Price on application
	Sweet Vernal (Annual). 3 lbs. per acre with other grass		Price on application
10	Tall Meadow Oat (French Rye Grass)		Price on application
45	Timothy Seed. ½ bu. per acre alone		Price on application
14	Wood Meadow. 30 lbs. per acre	.80	10.50 70.00

# MICHELL'S HIGH-GRADE FARM SEEDS <sup>21</sup>

PRICES SUBJECT TO MARKET CHANGES

- Alfalfa** (Medicago Sativa). Sow  $\frac{1}{2}$  bu., 30 lbs. per acre during May, August or September.
- Alfalfa** (Grim Strain). Claimed to be hardier than the regular brand. Sow 10 lbs. per acre.
- Buckwheat**. Sow 1 bu. per acre during June and July. Japanese and Silver Hull.
- Barley**, Beardless. Sow  $1\frac{1}{2}$  to 2 bu. per acre from May 15th to July 1st. Price on application.
- Beans, Soja**. Sow  $1\frac{1}{2}$  bu. per acre. Mammoth Yellow; Wilson. Price on application.
- Broom Corn**. Early Evergreen. Sow 10 lbs. per acre.
- Clover, Alsike**. Sow 10 lbs. per acre during March, April or August.
- “ Bokhara or Sweet. Sow 15 lbs. per acre during April or August.
- “ Crimson. Sow 20 lbs. per acre during July or August.
- “ Mammoth Red. Sow 20 lbs. per acre during March, April or August.
- “ Red Medium. Sow 20 lbs. per acre during March, April or August.
- “ White Dutch. Sow 10 lbs. per acre. 10c. per oz.;  $\frac{1}{4}$  lb., 20c.; 75c. per lb.; 5 lbs., \$3.65; \$7.00 for 10 lbs. Price for larger quantity on application.
- Cotton Seed**. Grown principally as an ornamental crop in this latitude. 40c. per lb.; 5 lbs., \$1.25.
- Canada Field Peas**. Sow  $1\frac{1}{2}$  bu. per acre during April, with 1 bushel of oats. This makes splendid green feed.
- Cow Peas**. Sow from May to July 1st 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black, Black Eye, Whip-poorwill.
- Flax**. Sow 1 bu. per acre during May and June. Price on application.
- Kaffir Corn**. Sow in June and July. 10 lbs. per acre.
- Millet**. A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July. Hungarian and Golden; sow 1 bushel per acre. Japanese; sow 12 lbs. per acre. Pearl; sow 10 lbs. per acre.
- Oats**. Sow from April until June; 3 bu. per acre. Swedish or Washington, Canadian Cluster, Tartar King, Storm King. Price on application.
- Rye**. Sow  $1\frac{1}{2}$  bu. per acre broadcast during April, May, October and November, Spring and Winter; choice strains of both.



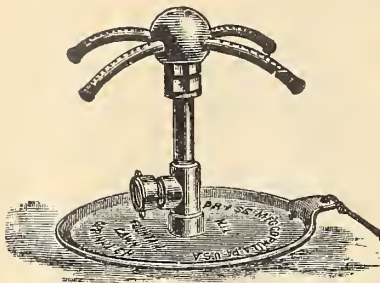
Our Strains of Red Clover in both Mammoth and Medium types are unusually fine

- Rape**. Dwarf Essex. Sow 6 lbs. per acre broadcast, or in drills at intervals from April 1st to October 1st.
- Sorghum or Sugar Cane**. Early Amber. Sow 25 lbs., per acre in drills during May or June.
- Speltz or Emmer**. Sow during April and May; 2 bu. per acre.
- Sudan Grass**. Similar to millet. Sow 16 to 24 lbs. per acre broadcast during April, May and June. Price on application.
- Sunflower**. Mammoth Russian; splendid poultry food. Sow 10 qts. per acre in drills. 25c. qt.; 90c. for 4 qts.; peck, \$1.50; bushel (25 lbs.), \$5.50.
- Timothy**. Sow  $\frac{1}{2}$  bu. per acre during April, August or September.
- Teosinte**. A splendid forage plant for dry sandy soils. Sow in May and June; 5 to 6 lbs. per acre.
- Vetch**. For green feed, green manure and cover crops. Sow 1 bu. per acre broadcast. Winter (Vicia Villosa). Spring (Vicia Sativa).
- Wheat**. Sow  $1\frac{1}{2}$  bu. per acre in drills; Spring, Saskatchewan Fife. Winter varieties ready after September 15th. Prices on application.

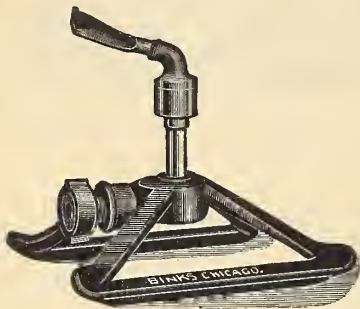
ABOUT PRICES—Farm seed values fluctuate constantly, and for that reason we have refrained from quoting prices here. These, however, we shall be pleased to make on application.

# MICHELL'S SEASONABLE SUNDRIES

## LAWN SPRINKLERS



	Weight	Price
Enterprise. No. 1. See cut.	14 lbs.	\$4.50
Ring. Large	1 lb.	1.00
Ring or Fountain. Small	3/4 lb.	.75
Hotchkiss. No. 5. 10 1/2 in. high	4 lbs.	1.50
Pluvius. 11 in. high	3 1/4 lbs.	1.50
Universal. No. 65. 10 in. high	4 1/4 lbs.	2.00
Eureka. No. 55. 10 in. high	3 lbs.	1.50
Aetna. 24 in. high	6 1/4 lbs.	2.25
Mayflower. 9 1/2 in. high	3 1/2 lbs.	1.50
Preston. 5 1/2 in. high	3 1/2 lbs.	1.50
Waterwitch. 8 3/4 in. high	1 lb.	.50
C. B. G. For golf links	3/4 lb.	.60
Peck 8-Arm. 36 in. high		5.00
Turbo (Oscillating style)		18.00
Campbell's Oscillating. 5 ft. long		12.00



Binks Rainfall Sprinkler (see illustration above). For large lawns, putting greens, etc. Covers an area 40 feet in diameter, according to pressure. \$1.50 each.

## PEACOCK LAWN SPRINKLERS

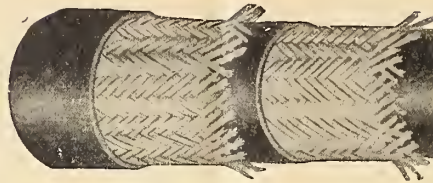
An arrangement of nozzles on a pipe which is transported on a small 4-wheel truck. The nozzles are so constructed that in operation the spray resembles the shape of a peacock's tail when opened, hence its name. This is just the sprinkler you need for watering putting greens or other large areas of grass.

	Each
8-foot Junior	\$10.00
12-foot Senior	16.00



## NOZZLE HOLDER

For sticking in the ground while one continues with other work. Made of galvanized heavy wire. Price, 25c. each. P. P. Wt., 8 ozs.



## RUBBER HOSE

Micell's Rubber Hose is noted for its reliability in every way. Our very large sales enable us to deal direct with the factory, where we obtain lowest prices, which we in turn give our customers the benefit of.

	Wt. per foot	Per foot
*Michell's Special, 3/4-in.	.5 oz.	\$0.18 1/2
*Michell's Special, 1/2-in.	.4 oz.	.17
*Electric, 3/4-in.	.5 oz.	.23
*Electric, 1/2-in.	.4 oz.	.21
*Revero, 3/4-in.	.5 oz.	.22
*Revero, 1/2-in.	.4 oz.	.19
Empire Red (corrugated); 3/4-inch	.5 oz.	.22
Spray Pump Hose, 3/8-in.	.3 oz.	.15

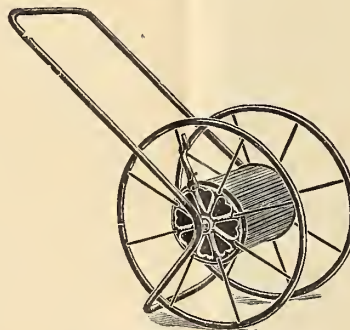
P. S.—Brands marked \* come in reels of 500 feet and sections in any length to that number of feet may be had.

25 and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 30c. per pair for couplings. Hose Washers. For inside and outside of couplings. 8c. doz.; 1/4 lb., 30c.



## BRASS HOSE COUPLINGS

	P. P. Weight Doz.	Pair	Doz.
Regular, 1/2-inch	3 1/4 lbs.	\$0.30	\$3.00
" 3/4-inch	4 lbs.	.30	3.00
" 1-inch	5 lbs.	.35	3.50
		Each	Doz.
Acme, No. 3. For spigot		\$0.30	\$3.00
" No. 4. For hose		.50	5.00
Snap, Male, No. 2		.13	1.35
" Female, No. 1		.22	2.25
" Pair complete		.35	3.60



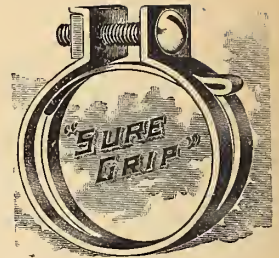
Wirt's All Iron Hose Reel

## HOSE REELS

Wirt's No. 10, capacity 100 feet	\$5.00
" No. 20, capacity 150 feet	5.50
" No. 30, capacity 400 feet	7.50
Victor, capacity 100 feet	3.00



Caldwell Band as applied to Hose



## HOSE BANDS

For fastening couplings and menders.

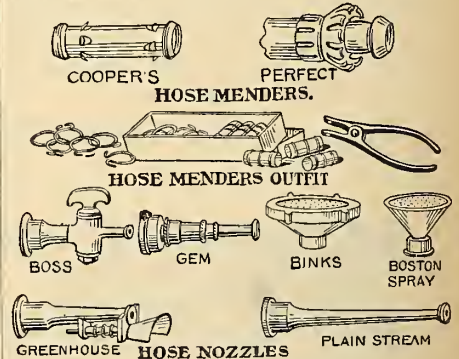
	Doz.	100
Caldwell's 8. For 3-ply hose	\$0.40	\$2.50
Caldwell's 6. For 4-ply hose	.40	2.50
Parcel Post Wt., Doz., 1/4 lb.; 100, 2 1/4 lbs.		
Hudson's, 3/4-in.	.18	1.25
" 1/2-in.	.18	1.25
Sure Grip. 3/4-in., 5c. each; per doz., 50c.		
Parcel Post Wt., doz., 1 lb.; 100, 9 1/2 lbs.		

## HOSE MENDERS

	P. P. Weight Doz.	Each	Doz.
Cooper's, 3/4-in.	1 1/4 lbs.	\$0.10	\$1.00
Cooper's, 5/8-in.	1 lb.	.10	1.00
Cooper's, 1/2-in.	1 lb.	.10	1.00
Jones, 3/4-in. (iron)	2 1/4 lbs.	.10	1.00
Hudson's, 3/4-in. (brass)	1 1/2 lb.	.08	.85
Hudson's, 1/2 in. (brass)	6 ozs.	.07	.75
Perfect, 3/4-in. (brass)	1 3/4 lbs.	.12	1.20
Hudson's Outfit. For 3/4-in. hose.			

Furnishes a complete outfit, consisting of 6 menders or connections, 18 bands or fasteners, and a pair of pliers for fastening bands. Price, 85c. each. Parcel Post Weight, 1 lb.

## HOSE FITTINGS AND NOZZLES



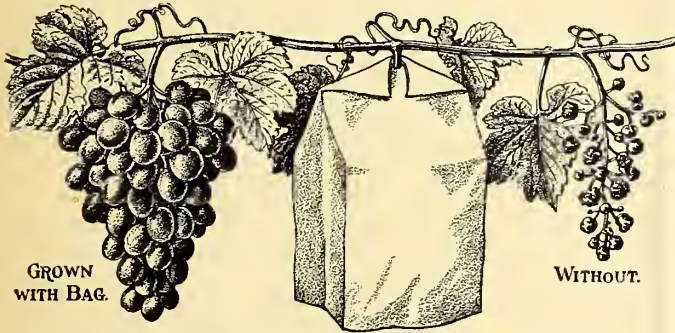
	P. P. W.	Price
Nozzle—Plain Stream. 4-in.	4 ozs.	\$0.75
" " 6-in.	6 ozs.	1.00
" Boston. Light Copper (fine or coarse)	1/2 lb.	1.00
" Boston Heavy Brass	1 lb.	1.50
" Bink's. Aluminum	1 1/4 lb.	3.00
" Boss. White metal	1/2 lb.	.85
" Justrite. Adjustable	1/2 lb.	.75
" Greenhouse or Rain-bow	1 lb.	2.00
Siamese Hose Attachment		.85
Hose Reducer, 1 in. to 3/4 in.		.45
Hydrant Attachment, Royle		.65

## RUBBER APRONS

For protecting the clothing while watering or doing any work in the garden where your clothes could become soiled. Parcel Post Weight, 2 lbs. Price, \$2.25.

# MICHELL'S IMPROVED GRAPE BAGS

## MEANS A CROP OF PERFECT FRUIT.



GROWN WITH BAG.

WITHOUT.

The above illustration gives a good idea of how grapes look when bagged, and how they can look if not protected.

Thousands of these are sold by us annually, and they go a long way toward increasing the grape crop. They are attached in a jiffy, can be handled by an inexperienced person, they last a season regardless of weather.

Grapes ripen as early and as freely in them as though not protected by these bags,

it is flavored more naturally because it does not require washing, it is protected from birds, insects and even the undesirable touch of a human being; if you have never used them give them a trial this year, and harvest a hundred per cent quality crop of grapes. They should be attached anytime after the small grapes have formed and have been sprayed at least once.

		Weight per	Price	
		100	100	1000
2 lb.	size.....	1 1/2 lb.	\$ .50	\$4.50
3 lb.	size.....	1 1/2 lb.	.60	5 00
4 lb.	size.....	1 1/2 lb.	.65	5.50

If wanted by mail please add for postage

## MICHELL'S SEED HOUSE

518 MARKET STREET

PHILADELPHIA

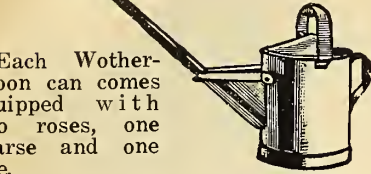




# MICHELL'S SEASONABLE SUNDRIES 23

## WATERING CANS (Wotherspoon's)

Extra heavy with long spout.  
Will last for years



Each Wother-  
spoon can comes  
equipped with  
two roses, one  
coarse and one  
fine.

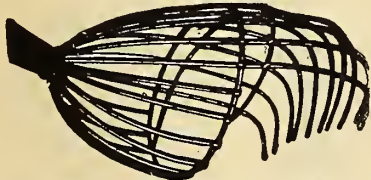
2-quart (equipped with one rose  
only) ..... \$2.00

Wotherspoon,	4-quart	6-quart	8-quart	10-quart	12-quart	16-quart
	..... \$3.50	..... 3.75	..... 4.00	..... 4.25	..... 4.50	..... 4.75

12-quart Manure Watering Can... 4.75  
4-quart Fern or Low Watering Can 2.50  
Extra Roses or Sprays for Wotherspoon  
Watering Cans, coarse or fine, each,  
50c.

English Watering Cans, No. 2, 4-qt. \$3.50  
" " " No. 3, 6-qt. 4.00  
" " " No. 4, 8-qt. 4.50  
" " " No. 5, 10-qt. 4.75

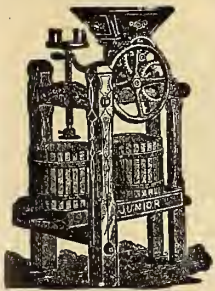
Light Galvanized	Watering Cans
4-quart.....	\$0.90
6-quart.....	1.00
8-quart.....	1.25
10-quart.....	1.40
12-quart.....	\$1.65
16-quart.....	1.85
20-quart.....	3.25



## BOSS FRUIT PICKER

Made substantially of galvanized wire.  
Can easily be attached to a pole of any  
length. Price, 50c. P. P. Weight, 2 lbs.  
Poles for Fruit Pickers.

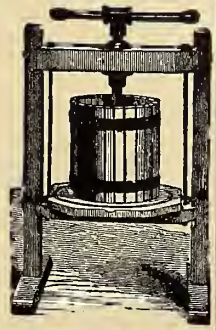
12 feet ..... \$2.00  
14 feet ..... 2.25



## CIDER MILLS

Junior \$21.00  
Medium ... 25.00  
Senior .... 32.50  
Bantam ... 16.00

**WINE PRESSES**  
Made of best  
quality wood,  
carefully bolted  
and finished.  
No. 1 ..... \$6.50  
No. 2 ..... 7.25  
No. 2 1/2 ..... 9.25  
No. 3 ..... 11.00



Wine Press

## GLAZING POINTS

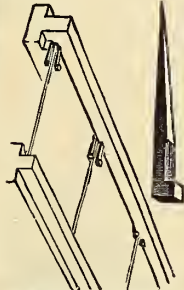
Peerless. Made of  
zinc with tinned finish;  
can be used on right or  
left hand side of sash  
bar. Three sizes.

No. 1 for single thick  
glass.  
No. 2 for single thick  
glass.  
No. 2 1/2 for double  
thick glass.  
Price, 75c. per 1000.  
By mail, 10c. per 1000  
extra.



Peerless Point

Nos. 1 and 2. Michell's Glazing Points.  
Quite like the Peerless style.  
No. 2 and 2 1/2, 65c. per 1000. (By mail,  
75c.)



Siebert's Glazing Points

Pincers. For driving  
Michell's and Peerless  
Points, 50c. By mail,  
55c.

Siebert Style. Made  
with a prominent head;  
cannot rust; easily  
driven. 3/4, 6/8 and 7/8  
inches long. Zinc, 55c.  
per lb.; 5 lbs., \$2.60.  
1000 to 1200 in a lb.

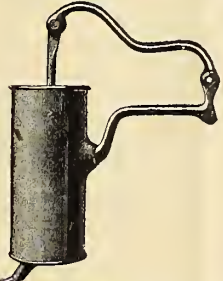
Zinc Glazing Nails. 50c.  
per lb.; 5 lbs., \$2.40.

## GLASS CUTTERS

Single Wheel, steel, each..... \$0.20  
6-Wheel, steel, each..... .60  
Diamond (ebony handle)..... 3.00  
Diamond (cocoa handle)..... 4.00

## GLASS CLAMPS

For supporting broken  
lights of glass. Per  
box of 100, \$1.75. Parcel  
Post weight, 1 1/4 lbs.



Mastica Machine



Putty Distributor

## PUTTY DISTRIBUTOR

For distributing putty, mastic, etc.  
Price, \$1.50. Parcel Post weight, 1 lb.

## MASTICA

For glazing greenhouses, new or old.  
1 gallon ..... P. P. Wt., 15 lbs. \$2.25

## MASTICA MACHINE

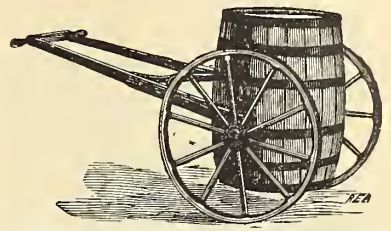
For distributing mastic, etc. Made of  
heavy zinc. Price, \$2.25. P. P. Wt., 2 lbs.

## TWEMLOW'S PUTTY

Superior to putty, more easily applied.  
16-lb. can (1 gal.) P. P. Wt., 18 lbs. \$3.50  
50 lbs. (3 gals.) ..... 10.35  
80 lbs. (5 gals.) ..... 17.00

## HAMMOND'S GREENHOUSE WHITE

A superior white paint. 1 gal., \$3.75.



## WATER BARREL TRUCKS, ETC.

The price below includes barrel and  
truck. The barrel may be detached  
quickly and the leaf rack or stone box  
may be attached.

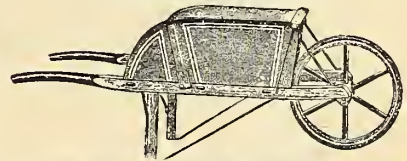
1 1/2-inch tire truck, all iron wheels  
with barrel ..... \$21.50  
2 1/2-inch tire truck, all iron wheels  
with barrel ..... 22.50  
3 1/2-inch tire truck, all iron wheels  
with barrel ..... 23.50  
Extra Barrels, with trunnions..... 6.50  
Stone Boxes for attaching to the  
above trucks ..... 4.00

## LEAF RACKS

Keystone. This new device can be used  
on wheelbarrows with removable sides.  
Convenient for gathering leaves, cut  
grass and rubbish. Has a capacity of 10  
bushels; made of galvanized wire, bolted  
to a wooden base. Price, not including  
wheelbarrow, \$7.50.

Iron Age Leaf Rack only, no truck. \$13.50  
Iron Age Leaf Rack with 1 1/2-inch  
truck ..... 28.75  
Iron Age Leaf Rack with 2 1/2-inch  
truck ..... 29.50  
Iron Age Leaf Rack with 3 1/2-inch  
truck ..... 30.50

## WHEELBARROWS



For Farm and Garden and Greenhouse  
Use

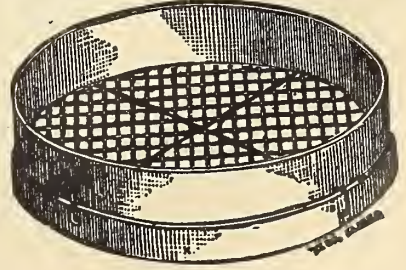
The measurements of barrows are un-  
derstood, viz.: length, meaning inside  
length of body; depth, inside depth at  
front; width, outside width at handles.

	No.	Tire	Lgth.	Dpth.	Wth.	Price
Eastern	3	1 1/2	28	11	22	\$6.50
"	4	3	26 1/4	11 1/2	27	7.00
"	5	3	28 1/4	11 3/4	27	7.50
"	2	2	21 1/4	9 1/4	20	5.50

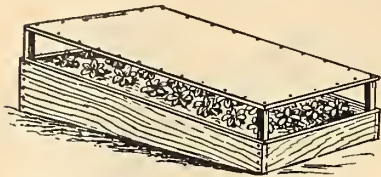
Canal. Side dump (bolted)..... 4.50  
Special Greenhouse Style..... 10.00

## SIEVES (Any Size Mesh)

20-inch Regular wire..... 6 lbs. \$1.25  
18-inch Regular wire..... 6 lbs. 1.15  
20-inch Heavy wire..... 6 lbs. 1.50



# 24 MICHELL'S SEASONABLE SUNDRIES

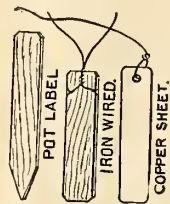


## SHADING OR PROTECTING CLOTH

It is admirable for summer use, protecting plants, etc., from sun and at the same time allowing ventilation.

	Yds. per Piece	Price Per Yd.	Price Per Pc.
Light. Brown cloth.	.60	\$0.19	\$10.80
Medium. " "	.60	.22	12.00
Heavy. " "	.40	.42	16.00

## TREE LABELS



Parcel Post Weight, 1/2 lb. per 100.

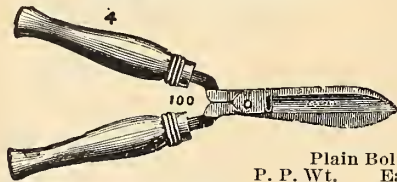
	100	1000
Iron Wired. Plain	\$.25	\$1.30
Iron Wired. Painted	.25	1.55

Copper Wired. Painted	.30	1.85
Copper Sheet, wired, 30c. doz.;	100,	\$1.50
Zinc Sheet, wired, .30c. doz.;	100,	\$1.35
Indelible Marking Pencils	.....	15c.

## PAINTED POT LABELS

	P. P. Wt.	100	500	1000
4 inch.... 1/2 lb.	100	\$0.18	\$0.70	\$1.25
4 1/2 inch.... 1/2 lb.	100	.20	.80	1.50
5 inch.... 1/2 lb.	100	.25	.90	1.65
6 inch.... 3/4 lb.	100	.30	1.00	1.90
8 inch.... 2 lbs.	100	.75	2.90	5.50
10 inch.... 2 1/2 lbs.	100	1.00	3.75	7.00
12 inch.... 3 lbs.	100	1.10	4.50	8.25
18 inch, for field use	400	....	56.00	

## HEDGE SHEARS



	Plain Bolt	Each
107— 6 1/2 inch, Ladies'	4 lbs.	\$1.25
101— 8 " "	4 lbs.	2.50
101— 9 " "	5 lbs.	2.75
101—10 " "	5 lbs.	3.00
101—12 " "	6 lbs.	2.50

Handles for Hedge Shears, 50c. per pr.

## LAWN BORDER SHEARS

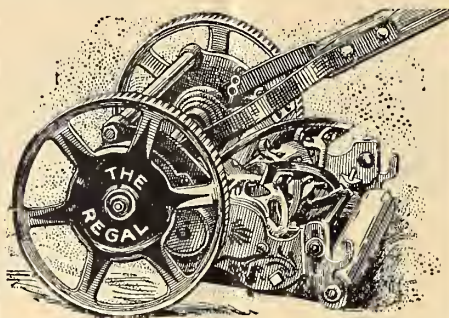
Made of finest steel. They take the place of edging knives and avoid the necessity of doing much stooping.

Without wheel.

No. 104. 8 1/2-inch	.....	\$3.00
No. 104. 10 -inch	.....	3.50
With one wheel.		
No. 105. 8 1/2-inch	.....	\$4.00
No. 105. 10 -inch	.....	4.50

No. 1062 (with 2 wheels, for trimming under fences and shrubbery), 9-inch blade, long handle, \$4.00.

Handles for Border Shears, \$1.00 per pair.



## COLDWELL B.B. LAWN MOWER

14-inch, 5-blade cyl. H.W.	.....	\$12.75
16-inch " " "	.....	13.75
18-inch " " "	.....	15.00
20-inch " " "	.....	16.00

We can also supply Penna., Phila. and Coldwell Horse and Hand Lawn Mowers, also Michell's Ball Bearing, Continental, Great American B. B., etc., also Coldwell, Capitol and Pennsylvania Lawn Trimmers.

## No. 22 BINKS COMPRESSED AIR SPRAYER

Galvanized steel tank, 5 gals. capacity. Brass pump with a patent clamping device, equipped with 3 feet of hose, spray nozzle, shut-off cock and shoulder strap. It is claimed that this is the only compressed air sprayer that will discharge the entire contents with one pumping. P. P. Wt., 15 lbs. Price, \$8.00.



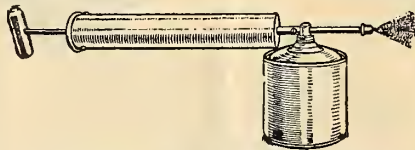
## AUTO-SPRAYS

No. 1-B. Brass. Equipped with hose and Auto-Pop Attachment, \$11.00.

No. 1-D. Galvanized Iron. Equipped with hose and Auto-Pop, \$7.50.

Auto-Pop Nozzle Attachment controls the flow instantly by a pressure of the hand.

When Auto-Pop Attachment is purchased separately, \$1.75 each. P. P. weight, 1 lb.



## AUTOMATIC COMPRESSED AIR SPRAYER

Parcel Post Weight, 2 lbs.

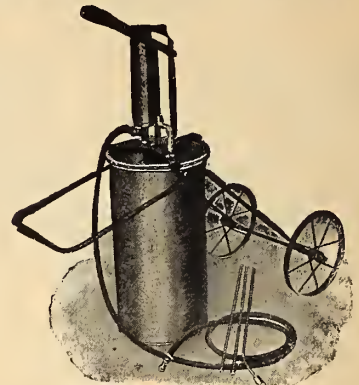
This is the grandest hand sprayer ever offered, very easily operated, especially desirable for ladies' use.

Tin.... each, \$1.25 | Brass... each, \$2.25

## CYCLONE HAND SPRAYERS

Similar to the above except they do not have the automatic air reservoir attachment. P. P. weight, 1 1/2 lbs.

No. 112. Tin, large, 60c.; Tin, small, 35c.; No. 114, Brass, \$1.25.



No. 3 Paragon Sprayer

## THE PARAGON SPRAYER

Especially desirable for the reason that it is not necessary to strain the material before pouring it into the reservoir, although we recommend that this be done; guaranteed to give absolute satisfaction. Excellent for applying whitewash or paint.

Bucket Washers for Paragon Sprayers, 35c.

No. 1. With a 5-gal. reservoir, 5 ft. of hose and 2 extension pipes, \$15.75.

No. 3. Equipped with a 12-gal. tank mounted on a truck, three 2 1/2-ft. extension pipes, 2 nozzles and 10 ft. of hose, \$22.00.

No. 4. Mounted on a two-wheel truck; equipped with 10 ft. of extension pipe, 20 ft. of hose and 2 nozzles. 25-gal. barrel, complete, \$29.50.

## PARIS GREEN SHAKERS

Tin. For dusting vegetables, potatoes, small fruits and shrubbery, 60c. each. P. P. weight, 2 lbs.

Farmer's Favorite. (See cut). Large double-action affairs, \$2.25 each. P. P. wt., 4 lbs. "Acre an Hour" Sifter, 85c. P. P. Weight, 2 lbs.



Leggett's Champion Paris Green Gun, \$12.00.

Dickey Duster, 50c.

## OIL TORCHES

For burning out worms, caterpillars and nests that infest trees.

	P. P. Wt.	Each
Reservoir	1/2 lb.	\$0.50
Asbestos	1 lb.	.65

## POLES FOR TORCHES

12 feet	.....	\$2.00
14 feet	.....	2.25



Reservoir Torch



## WOODASON BELLOWES

	P. P. Wt.	Each
Large double cone, each	.....	5 lbs. \$6.00
Large single cone, each	.....	3 lbs. 3.75
Small single cone, each	.....	2 lbs. 2.50
Sulphur Bellows, each	.....	3.00





# MICHELL'S High-Grade FERTILIZERS

All Prices on Fertilizers Subject to Market Changes

**Alphano Inoculant.** A soil bacteria to use in connection with growing legumes. 1-acre size, net wt. 2 lbs., \$1.00; 10-acre size, net wt. 20 lbs., \$8.00.

**Ashes (Canadian Hard Wood).** Apply 1000 lbs. per acre. For top dressing lawn and grass fields, in early spring or late fall. 25 lbs., 85c.; \$1.50 per 50 lbs., 100 lbs., \$2.50; \$4.50 per 200-lb. barrel; 1000 lbs., \$20.00; \$37.50 per ton.

**Ashes (Domestic Hard Wood).** Per 200-lb. barrel, \$3.50; \$16.50 per ½ ton; ton, \$30.00.

**Asparagus Fertilizer.** A mixture that promotes the root and top growth. Apply 600 lbs. per acre. 200 lbs., \$6.50; \$55.00 per ton.

**Blood (Dried).** For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. 5 lbs., 75c.; \$1.25 per 10 lbs.; 25 lbs., \$2.25; \$4.00 per 50 lbs.; 100 lbs., \$7.50; \$14.00 per 200 lbs.

**Bone Flour.** Apply 600 lbs. per acre. Very fine, effective almost immediately; can be used for indoor or outdoor purposes. 25 lbs., \$1.50; \$2.75 per 50 lbs.; 100 lbs., \$5.00; \$9.50 per 200 lbs.

**Bone Meal (Michell's Special Grade).** Unusually rich in nitrogen and phosphoric acid, the two principal plant foods. We recommend this especially for lawns, gardens and greenhouses, or any purpose where a high-class fertilizer counts. 3 lbs., 25c.; 35c. for 5 lbs.; 10 lbs., 60c.; \$1.25 for 25 lbs.; 50 lbs., \$2.25; \$4.00 per 100 lbs.; 200 lbs., \$7.50; \$35.00 per ½ ton; ton, \$67.50.

**Chrysanthemum Manure (Thomson's Special).** Especially recommended and used by the leading private gardeners of England and America. Price on application.

**Clay's Fertilizer.** An English chemical fertilizer, for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. Price on application.

**Climax Lawn Sand.** An unique combination of carefully dried and finely ground chemicals. Destroys weeds in lawns, 3½-lb. can, 60c.; 7-lb. can, \$1.10; 14-lb. can, \$1.75; 28-lb. pkg., \$3.00; 56-lb. pkg., \$4.75; 112 lbs., \$9.25.

**Cotton Seed Meal.** Apply 600 lbs. per acre. Exceedingly rich in potash and ammonia, making it excellent for use as a grass and grain fertilizer. Price on application.

**Cow or Cattle Manure (Shredded).** Convenient to handle, making it possible for everyone to get this usually scarce article at all times. \$3.25 per 100 lbs.; 500 lbs., \$15.00; \$26.00 per 1000 lbs.; ton, \$50.00.

**Horn Shavings.** Used principally for mixing in potting; especially valuable in chrysanthemum growing. 5 lbs., 75c.; \$1.20 for 10 lbs.; \$2.25 per 25 lbs.; 50 lbs., \$4.00; \$7.00 per 100 lbs.

**Humus (Alphano Prepared).** An excellent article to incorporate with poor soil in the garden, greenhouse or in potting plants. When used in garden work, the ground should be covered with ½ to 2 inches of Humus and spaded in. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 75c.; \$2.50 per 100 lbs.; per 500 lbs., \$11.25; \$17.50 per 1000 lbs.; per ton, \$30.00.

**Kainit.** For top dressing; asparagus beds, etc. Price on application.

**Land Plaster.** Used for top dressing newly plowed land prior to harrowing; also for sweetening the soil on lawns and fields. Apply 1000 to 1500 lbs. per acre. 40c. for 10 lbs.; 25 lbs., 60c.; \$1.00 for 50 lbs.; 100 lbs., \$1.75; \$3.25 for 200 lbs.; ton, \$23.00.

**Lime (Hydrated or Powdered).** Promotes growth, gives the grass a rich color. Apply one ton per acre on fields or ½ ton on lawns. Per 125-lb. sack, \$2.25; 500 lbs., \$7.00; 1000 lbs., \$12.50; ton, \$22.50.

**Limestone (Pulverized).** For applying on sour or wornout soils at the rate of 1 ton per acre. Put up in 100-lb. bags, \$1.50 per bag; 500 lbs., \$6.25; 1000 lbs., \$11.00; \$20 per ton.

**Manure (Fresh Horse, Stockyard and Cow).** At short notice we can usually supply first-class horse, cow and stockyard manure in carload lots only. Prices on request.

**Mapes' Fertilizers.** No less than a 200-lb. sack of Mapes' fertilizers is sold. F. o. b. Philadelphia.

	200 lbs.	1000	Ton
Potato Manure .....	\$9.00	\$42.50	\$75.00
Corn Manure .....	8.25	36.50	67.50
General Crop (for all crops) .....	6.50	31.00	57.00

**Mulford's Culture.** For inoculating Clovers and other legumes. When ordering, please state for what crop you desire to use it. Trial size for beans and peas, 25c. Garden size (¼ acre), 50c.; 1-acre size, \$1.50; 5-acre size, \$5.00.

**Muriate of Potash.** Apply 100 to 150 lbs. per acre, usually with other fertilizers. Excellent for potatoes, corn, grains, etc. Analysis, equal to 50 per cent. actual potash. Price on application.

**Nitrate of Soda.** Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form dilute 2 ozs. to 1 gal. of water and do not apply oftener than twice a week. 1 lb., 20c.; 75c. per 5 lbs.; 10 lbs., \$1.30; \$2.50 per 25-lb. bag; 50-lb. bag, \$4.25; \$7.50 per 100 lbs.

**Phosphate for Corn.** Apply 500 to 600 lbs. per acre. This contains the necessary ingredients to produce a bumper crop of corn. Not less than 200 lbs. sold. Per 200 lbs., \$5.50; per ½ ton, \$26.00; \$50.00 per ton.

**Phosphate, High-Grade Acid Tennessee or South Carolina Rock.** 14 per cent. Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. In 200-lb. sacks only, \$3.75; \$16.50 per ½ ton; \$33.00 per ton.

**Phosphate, Michell's High-Grade Ammoniated.** For all vegetable crops, grains, grass, etc. Apply 500 to 600 lbs. per acre broadcast. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.85; \$5.50 per 200 lbs.; ton, \$50.

**Phosphate (Thomas' Basic Slag).** Used extensively for top dressing lawn, grass and grain lands; contains the proper elements to produce a rich luxuriant growth; apply 600 to 800 lbs. per acre. In 200-lb. bags only. \$4.50 per bag; 1000 lbs. for \$22.00; \$40.00 per ton.

**Plant Food.** A highly concentrated chemical fertilizer for house use. Michell's, 15c. per 6-oz. pkg. Bowker's, 4-oz. pkgs., 20c.; 12-oz. pkgs., 30c. Allow for postage if wanted by mail.

**Potato Manure.** Apply at the rate of from 400 to 600 lbs. per acre. 25 lbs., \$1.25; \$2.00 per 50 lbs.; per 100 lbs., \$3.25; \$5.75 per 200 lbs.; per ½ ton, \$27.50; per ton, \$55.00.

**Poudrette (Native Guano).** Apply 1000 lbs. per acre. Extensively used for garden, lawns, in making compost, and, in fact, wherever a good, quick acting fertilizer is wanted. 25 lbs., \$1.00; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.00 per 200 lbs.; \$17.50 per 1000 lbs.; per ton, \$32.50.

**Salt.** For asparagus beds and putting on walks and roads to kill weeds. Apply 600 to 800 lbs. per acre in early spring. \$1.75 per 100 lbs.; 200 lbs., \$3.00; \$25.00 per ton.

**Sheep Manure (Wizard Brand).** Apply 1000 lbs. per acre. For garden, lawn or greenhouse use. 2 lbs., 20c.; 35c. per 5 lbs.; 10 lbs., 60c.; \$1.00 per 25 lbs.; 50 lbs., \$1.75; \$3.25 per 100 lbs.; 500 lbs., \$15.00; \$26.00 per 1000 lbs.; per ton, \$50.00.

**Soot (Imported Scotch).** This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. 10 lbs., \$1.25; \$2.00 per 25 lbs.; 112 lbs., \$7.00.

**Sulphate of Ammonia.** Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. Price on application.

**Sulphate of Potash.** Apply 100 to 125 lbs. per acre, usually with other fertilizers. Price on application.

**Tankage.** For roses, etc., under glass; similar to dried blood. \$1.75 per 50 lbs.; 100 lbs., \$3.25; \$6.25 per 200 lbs.; ton, \$57.50.

**Thomson's Special Flower, Vegetable and Vine Manure** is extensively used wherever it is desired to force flowers or vegetables. Price on application.

**Tobacco Stems.** For fumigating, mulching and fertilizing; an excellent top dressing for lawns in winter. 35c. per 5 lbs.; 75c. per bu.; per bbl. sack, \$1.50; in large bales, at 2½c. per lb.; \$17.00 per ½ ton; per ton, \$32.00.

**Wheat Fertilizer.** For grass and grain crops. Apply 500 to 600 lbs. per acre. 200 lbs., \$5.00; ½ ton, \$23.50; \$45.00 per ton.

# 28 HEADQUARTERS FOR INSECT DESTROYERS, Etc.

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE, OR WE SHALL BE PLEASED TO GIVE INFORMATION BY MAIL OR OTHERWISE.

- Ant Exterminator (Cliff's Insecticide).** For destroying ants on putting greens, lawns, etc. 50c. per qt.; per gal., \$1.75.
- Ant Exterminator (Magic).** Per ¼ lb., 20c.; per ½ lb., 40c.; per lb., 75c.; per 5 lbs., \$3.00.
- Ant Exterminator (Zenke's).** An effective liquid form of this important insecticide. 8 oz., 25c.; 85c. per qt.; ½ gal., \$1.75; \$3.50 per gal.
- Antipest (Carman's).** \$1.75 per gal.
- Aphine.** ¼ pt., 25c.; 40c. per ½ pt.; per pt., 65c.; per qt., \$1.00; \$2.50 per gal.
- Aphis Punk.** Per pkg., 65c.; 12 pkgs., \$7.00.
- Arsenate of Lead (Paste).** Per lb., 40c.; 5 lbs., \$1.75; 10 lbs., \$3.50; 25 lbs., \$6.50; 50 lbs., \$12.50; 100 lbs., \$24.00.
- Arsenate of Lead (Powdered).** 1 lb., 55c.; \$2.65 per 5 lbs.; per 10 lbs., \$5.00; \$11.50 per 25 lbs.; per 50 lbs., \$22.00; per 100 lbs., \$41.00.
- Black Leaf 40.** Per 1-oz. bottle, 25c.; ½ lb., \$1.00; 2 lbs., \$3.25; 10 lbs., \$13.75.
- Bordeaux Arsenate.** Per lb., 35c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$11.00; \$21.00 for 100 lbs.
- Bordeaux Mixture (Dry Form).** Per lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.00.
- Boro Wax.** Per qt., 40c.; ½ gal., 75c.; per gal., \$1.25.
- Bug Death.** Per lb., 20c.; 3 lbs., 50c.; 5 lbs., 75c.; 12½ lbs., \$1.50; 100 lbs., \$8.25.
- Carbolineum (Arvenarius).** (Now called Protexol.) Per gal., \$1.50; 5 gals. for \$7.00.
- Copper Solution.** Per qt., \$1.00; per gal., \$2.75.
- Cyanegg.** For making hydrocyanic acid gas. Per lb., 85c.
- Dalmatian or Persian Powder.** Per ¼ lb., 30c.; ½ lb., 55c.; lb., 90c.; 5 lbs., \$4.00.
- Fir Tree Oil Soap.** Per ½ lb., 35c.; per 2-lb. can, \$1.00.
- Fish Oil Soap (Good's Caustic).** Per lb., 30c.; 5 lbs., \$1.25; 25 lbs., \$5.50.
- Fish Oil Soap.** Per ½ lb., 15c.; per lb., 25c.; 5 lbs., \$1.00; \$1.80 per 10 lbs.; 25 lbs., \$3.75; 100 lbs., \$12.00.
- Fungicide (Zenke's).** For various forms of fungus. 8 oz., 25c.; 85c. per qt.; ½ gal., \$1.75; per gal., \$3.50.
- Fungine.** Per qt., \$1.00; per gal., \$3.50.
- Getz-There Soap.** Per 2 lbs., 50c.; 8 lbs., \$1.75; 25 lbs., \$2.75.
- Grape Dust.** Per 5 lbs., 90c.; 10 lbs., \$1.75.
- Hellebore.** Per ¼ lb., 25c.; ½ lb., 40c.; lb., 70c.; 5 lbs., \$3.00.
- Imp Soap Spray.** 50c. per pt.; per qt., 75c.; \$2.25 per gallon; 5 gals., \$9.50; \$18.00 per 10 gallons.
- Insecticide (Zenke's General Greenhouse).** For the destruction and control of many pests. 8 oz., 25c.; 85c. per qt.; ½ gal., \$1.00; \$1.75 per gal.
- IXL Compound.** Per gal., \$4.00; \$19.00 for 5 gals.
- Kerosene Emulsion (Liquid).** 70c. per qt.; per gal., \$1.75; \$8.00 for 5 gals.
- Lemon Oil Insecticide.** Per ½ pt., 30c.; pt., 50c.; qt., 90c.; ½ gal., \$1.50; gal., \$2.50; 5-gal. keg, \$10.50.
- Lime Sulphur.** Per qt., 45c.; 75c. per ½ gal.; 1 gal., \$1.25; 5 gals., \$4.75; 30-gal. bbls., 40c. gal.; 50-gal. bbls., 30c. gal.
- Lime Sulphur (Dry Powder Form).** 1 lb., 30c.; 5 lbs., \$1.25; 10 lbs., \$2.00; 25 lbs., \$4.00; \$12.50 per 100 lbs.
- Nico-Fume (Liquid).** ¼ lb., 65c.; lb., \$2.00; 4 lbs., \$7.50; 8 lbs., \$14.50.
- Nico-Fume Paper.** Per box, 24 sheets, \$1.25; per 144 sheets, \$5.00; 288 sheets, \$9.50.
- Nikoteen.** ½ oz., 15c.; 1¾ ozs., 40c.; 8 ozs., \$1.00; pt., \$1.75; per ½ gal. (4 lbs.), \$6.00; per gal. (8 lbs.), \$11.00.
- Paris Green.** Per ¼ lb., 25c.; ½ lb., 40c.; lb., 70c.; 2 lbs., \$1.35; 14 lbs., \$9.10.
- Protexol (See Carbolineum).** For preserving wood, etc.
- Pyrox (Bowker's).** Per lb., 40c.; 5 lbs., \$1.50; 10 lbs., \$2.75; 25 lbs., \$6.00; 50 lbs., \$10.75; 100 lbs., \$20.00; 300 lbs., \$57.00.
- Rat Corn.** 25c., 50c. and \$1.00 per box.
- Readeana Rose Bug Exterminator.** Trial bottle, 30c.; 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$4.00.
- Scalecide.** Per qt., 60c.; gal., \$1.50; 5 gals., \$6.50; 10 gals., \$11.00; 30-gal. bbl., \$27.00; 50 gals., \$39.50.
- Scale Destroyer (Soluble Oil).** Qt., 60c.; ½ gal., 85c.; gal., \$1.50; 5 gals., \$6.25; 30-gal. bbls. at 80c. gal.; 50-gal. bbls. at 75c. gal.
- Shoo Fly.** Per qt., 45c.; per gal., \$1.25.
- Slug Shot.** Per canister, 20c.; 5 lbs., 55c.; 10 lbs., \$1.00; 25 lbs., \$2.35; \$8.75 per 100 lbs. Barrel lots in bulk (250 lbs.), 8½c. lb.
- Styptic (Thomson's).** For grafting, budding, etc. \$1.15 per bottle.
- Sulphate of Copper.** Per lb., 25c.; per 10 lbs., \$2.00.
- Sulphur Candles.** Large: 25c. each; per doz., \$2.50. Small: 15c. each; \$1.50 per doz.
- Sulphur (Flowers).** Per lb., 15c.; 5 lbs., 60c.; \$1.15 per 10 lbs.; 25 lbs., \$2.25; 100 lbs., \$8.00.
- Sulpho Tobacco Soap.** Per 3-oz. pkg., 15c.; 6-oz. pkg., 25c.
- Tobacco Dust (Special Dusting or Fumigating).** 15c. lb.; 5 lbs., 35c.; 10 lbs., 65c.; 25 lbs., \$1.50; 50 lbs., \$2.75; 100 lbs., \$5.25.
- Tobacco Soap (Sulpho).** 3 ozs., 15c.; 6 ozs., 25c.
- Tobacco Stems.** Per lb., 15c.; 5 lbs., 35c.; bushel, 75c.; barrel sacks, \$1.50; large bales at 2½c. per 100 lbs.; ½-ton, \$17.00; \$32.00 per ton.
- Thrip Juice (Hammond's No. 2).** Pt., 85c.; qt., \$1.50; gal., \$4.00.
- Tree Tanglefoot.** Per lb., 50c.; 3-lb. cans, \$1.45; 10 lbs., \$4.50; 20 lbs., \$8.75; \$10.50 per 25 lbs.
- Vapor Cones (Lethorion Nicotine).** In 3 sizes: No. 1, 15c. each; doz., \$1.50. No. 2, 25c. each; doz., \$2.50. No. 3, 30c. each; doz., \$3.00.
- Vaporite.** 1 lb., 15c.; per 5 lbs., 60c.; 10 lbs., \$1.00; 25 lbs., \$2.25; 50 lbs., \$4.25; 100 lbs., \$7.50.
- Worm Destroyer (Michell's Brand).** For using in gardens, on lawns, etc. (Price on application.)
- Worm Destroyer (Carter's Brand).** F. o. b. Philadelphia: Per 100 lbs., \$12.00; 1000 lbs., \$110.00; ton, \$210.00. F. o. b. Boston: Per 100 lbs., \$10.50; ton, \$200.00.
- Worm Eradicator (Reade's Electric).** 8 ozs., 50c.; 24 ozs., \$1.00; per gal., \$4.00.
- Zenke's Insecticide.** (See Insecticide).
- Zenoleum.** ½ pt., 30c.; qt., 60c.; ½ gal., \$1.00; \$1.75 per gal.; 5-gal. can., \$7.50.



## CARBONDALE HYDROMETERS

These are highly recommended by the Pennsylvania State Department of Agriculture for testing the gravity of Lime Sulphur solution. One should be in the hands of every man who uses this material. Price, \$1.25. (Postpaid, \$1.35.) With directions.

LAMPS for vaporizing nicotine solutions, 80c. each.

# MICHELL'S LIQUID WEED KILLERS



Liquid Weed Killer can effectually be distributed with a watering can or in a sprinkling wagon.

An effective combination of high-grade chemicals which, diluted in water at 1 to 40, destroys the roots as well as the tops of all weeds and vegetation to which it is applied.

One gallon diluted is sufficient to cover 100 to 150 square yards; and one or two applications are sufficient for an entire season. Does not injure marble, cement or fencing. The best time for applying is just after a rain.

## HERBICIDE

This preparation is a thoroughly proven Weed Exterminator. Will not stain wood or stone work. It dilutes readily in water and can be applied with a sprinkling can or in a large area with a watering cart. For clay and sand tennis courts it is a perfect preparation. One part Herbicide dilutes to 40 parts of water, either hot or cold, clean or dirty. A gallon of Herbicide is capable of treating 120 square yards of surface.

## PRICES OF MICHELL'S WEED KILLER

Per quart.....	Makes 41	quarts.	\$ .55
" ½ gallon...	" 20½	gals...	.90
" gallon.....	" 41	" ...	1.75
" 5-gallon can "	205	" ...	6.75
" 30-gallon can "	1230	" ..	33.00
" 50-gallon can "	2050	" ...	50.00

## PRICES OF HERBICIDE

	Price
1 qt. makes 41 qts. ....	\$.60
½ gal. makes 20½ gals. ....	1.00
1 gal. makes 41 gals. ....	1.75
5 gals. makes 205 gals. ....	7.00
25 gal. bbl. makes 1025 gals. ....	27.50
50 gal. bbl. makes 2050 gals. ....	50.00

# MICHELL'S CLIMAX WEED KILLER Climax Lawn Sand

For use on Lawns and Grass Plots

"Climax Lawn Sand" is a unique combination of finely ground chemicals, which, when sprinkled over the grass, possess the remarkable property of destroying Moss, Chickweed, Plantains, Dandelion, and all other weeds on Lawns, Tennis Courts, Golf Greens, etc., at the same time promoting the growth of the finer grasses.

"Climax Lawn Sand" may be applied any time during the growing season of the year, namely, from beginning of April to the end of October.

The lawn must be absolutely dry; by that is meant that no rain or dew must be visible on the grass.

Ten to twelve a. m. during the months of April, May and October, nine to twelve a. m. during June, July, August and September are the best hours for application.

Only apply in fine weather when the temperature is fairly high and when no rain appears likely for a day or two. This is most important.

After applying, the weeds blacken and die; the grass usually also becomes blackened and may remain so for a few days, but it quickly recovers its color, and young growths appear on the bare spots previously occupied by the weeds.

Should the weather be very hot and dry, the lawn should be thoroughly watered at the expiration of 48 hours after the application.

It acts as one of the most powerful fertilizers for grasses if applied as a top-dressing in the early spring. For top dressing as a fertilizer apply ¼ ton per acre.

## QUANTITY REQUIRED AS A WEED DESTROYER

3½ lbs. will dress	150 square feet	...	\$0.60	Allow for Postage if desired by Mail
7 lbs. will dress	250 square feet	.....	1.10	
14 lbs. will dress	500 square feet	.....	1.75	
28 lbs. will dress	1000 square feet	.....	3.00	
56 lbs. will dress	2000 square feet	.....	4.75	
112 lbs. will dress	4000 square feet	.....	9.25	



Showing method of applying CLIMAX LAWN SAND for destroying weeds in lawns.

## ERADO WEED GUN

(See illustration)

As handy as a cane, which it resembles. Fill the reservoir, which holds about 2 quarts of liquid, with Herbicide or Michell's Weed Killer, diluted. It will destroy weeds of all kinds in lawns without hurting the grass. Press the sharp point of the gun into the heart of the weed until the flat stay pieces touch the ground, when a quantity sufficient to kill is discharged into the heart of the plant which is destroyed for all time. Price, \$1.00. Galvanized iron. (See cut.) Parcel Post weight, 2 lbs.

## WIKEHAM WEED GUN

A tubular staff 36 inches long can be filled with "Liquid Weed Killer." You push the point of the Eradicator when same is loaded into the crown and root of the dandelion and the root is forever destroyed without the least injury to the surrounding grasses.

Wikeham Weed Eradicator (complete), \$1.00.



Michell's  
Improved



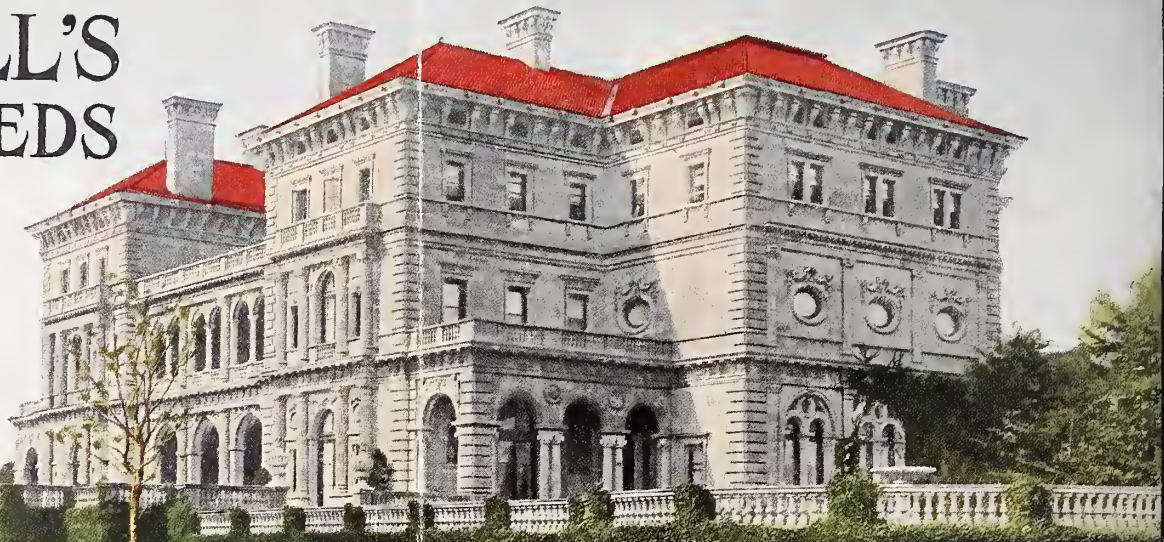
Grape  
Bags

Thousands of bunches of grapes are wasted annually because they are not protected against the ravages of insects, birds, etc. Michell's Improved Grape Bags are economical, easily attached and last a season. The fruit ripens just as readily in them as it does in the open. The bags should be attached when the grapes are the size of a pea prior to which it is suggested that they be sprayed (even though not affected) against blight or fungus, the bags should be left attached until the fruit is ready to harvest.

If desired by mail please add to the prices below as noted.

	Weight for mail per 100	100	1000
2 lb. size .....	1½ lbs.	\$0.50	\$4.50
3 lb. size .....	1½ lbs.	.60	5.00
4 lb. size .....	1½ lbs.	.65	5.50

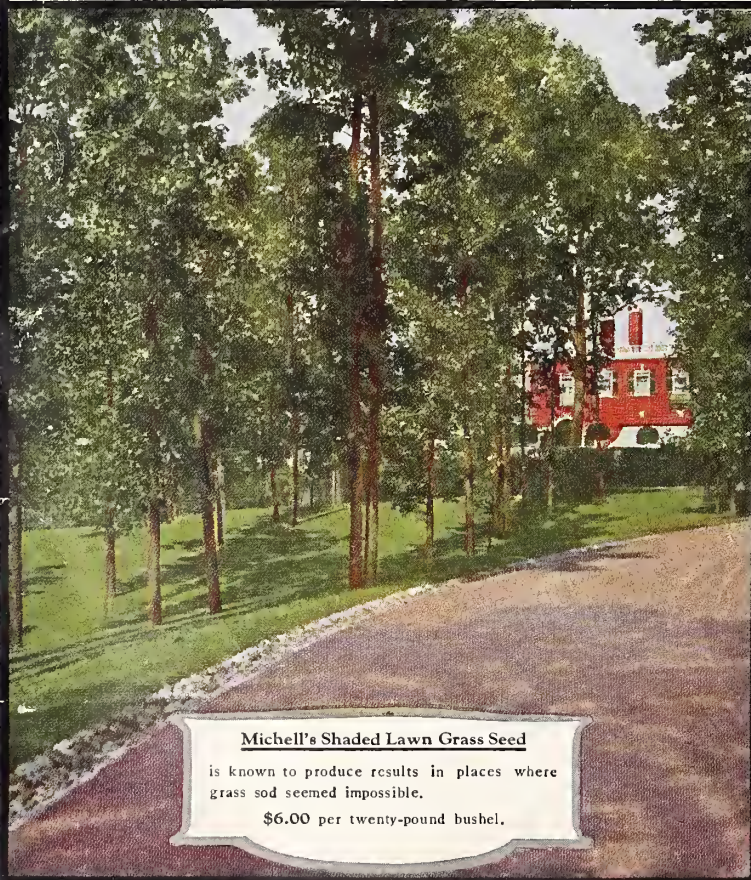
# MICHELL'S GRASS SEEDS for Every Purpose



### Michell's Green Velvet Grass Seed

is undoubtedly the best value at the price to be found anywhere. The formula is based on experience and tests and is being constantly improved where possible.  
\$6.00 per twenty-pound bushel.

(Picture taken at Newport, R. I.)



### Michell's Shaded Lawn Grass Seed

is known to produce results in places where grass sod seemed impossible.

\$6.00 per twenty-pound bushel.



### Michell's Seashore Grass Seed

thrives under a variety of seashore conditions, which usually are hard to meet with the ordinary mixtures of grass seed.

\$6.00 per twenty-pound bushel

(Picture taken on North Side of Long Island)

HENRY F. MICHELL CO. 518 MARKET ST. PHILADELPHIA, PA.