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1925-CATALOGUE-1925



317 Wabash Ave.

TERRE HAUTE, IND.

PARCEL POST RATES.

Seeds, bulbs and plants up to and including 4 oz. in weight can be sent at the rate of 1c an ounce regardless of distance. Over 4 oz. at the zone rate.

Limit of weight for delivery within local first and second zones, 70 pounds; to all other zones, 50 pounds. If weight exceeds this we will pack in 2 or 3 parcels (or more) provided money is remitted to cover postage.

A fraction of a pound is considered a full pound.

D. N. Shoemeker

Lbs.	Local	Zone 1 and 2 150 miles	3rd 150 to 300 miles	4th 300 to 600 miles	5th 600 to 1000 miles
12345678901234667890	\$0.05 .066 .067 .078 .099 .099 .101 .111 .128 .133 .144 .15	\$0.05 .067 .008 .090 .101 .1234 .115 .117 .120 .1212 .222 .223 .24	\$0.06 .08 .10 .14 .16 .20 .224 .268 .3346 .3446 .3446 .3346 .3446 .3346 .3446 .3346 .34466 .34466 .34466 .344666 .3446666666666	\$0.07 .11 .15 .237 .231 .335 .231 .335 .231 .335 .237 .55 .56 .667 .775 .83	.08 .14 .200 .338 .450 .5502 .6684 .5502 .8802 .9984 .1.100 .1.100 .1.100 .1.22

-YAN-2 8 1325

Low Prices.—A matter of primary importance in buying seeds is to obtain only the best. Our position enables us to supply you with such seeds, and at prices to compete with all reliable seedsmen.

Good Order.-If seeds are not received in good order within a reasonable time, write us and we will look up the shipment. Small orders are often delayed in transit.

Cash.—Money must always accompany the order. Money may be sent safely either by Postoffice Order, Express Order or Bank Draft. We will be responsible for the safe receipt of remittances sent by either of the above methods, and in orders amounting or more the cost of remitting may be selected in extra seeds. We accept postage stamps the same as cash.

WARRANTY AND QUALITY OF SEEDS.

While we exercise the greatest care to have all our seeds Pure, Reliable, and True to Name, we do not give any warranty, express or implied, as to description, quality, and productiveness, or any other matter, of any seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the seeds on these terms, they are at once to be returned and the money that has been paid for same will be refunded.

Postage.—Postage is not charged on ounces and quarter pounds of vegetable seeds excepting beans, peas and corn. For Parcel Post Rates see front page.



COLD FISH.

We have an elegant stock of selected American bred fish. 10 cents up. Special prices on quantities.

FISH GLOBES.

All sizes, hanging globes. Prices from 50 cents up.

AQUARIA ORNAMENTS.

Full line, from 15 cents up, according to size.

COMMON FLOWER POTS.

	EACH		BACH
2 inch	3c. 7 in	$ich \ldots \ldots \ldots \ldots \ldots$	20c.
3 inch \ldots	4c. 8 in	ich	· · · 25c.
4 inch \ldots	•••• 5c. 9 in	ich • • • • • • • • • • • • • • • • • • •	· · · 40c.
5 inch \ldots	8c. 10 in	ich	· · · 55c.
6 inch	10c. 12 in	ich	· · · 1.10c.

Saucers half price of pots.

Special prices on large quantities.

DRY POWDER SPRAYER-Easy to Operate

Holds one quart. Price, 75 cents.

THE HIGH PRESSURE SINGLE TANK SPRAYER

It is a marvel. Quick and easy to work. It holds three gallons, and when charged, which takes but half a minute, it will give a continuous spray ten minutes, and will throw a coarse spray 12 to 15 feet high, and a fine stream onto any ordinary fruit tree. Equipped with rubber extension hose, the fine spray can be carried into the tops of trees. This sprayer is especially adapted for tobacco, potato spraying and nursery work.

THE SMITH "JUNIOR" CONTINUOUS SPRAYER

Will do anything that any sprayer or atomizer will do and do it three times as fast, with half the labor. It is furnished with two interchangeable brass nozzles, one to spray straight ahead, the other to spray up or down or in any direction.

THE No. 5 SPRAYER

Is made of heavy tin with double seamed reservoir, making a strong, indestructible, com pact sprayer. Adapted especially for spraying our Standard Fly and Germ Killer. Holds about one quart.

MARYVILLE BRASS BUCKET OR BARREL SPRAYER WITH ACITATOR

Complete with hose and graduating fine or coarse spray or solid stream nozzles.

PRICES OF SPRAYERS ON APPLICATION.

An ounce of seed will sow 50 feet of drill, and produce about 300 plants. Fair crops may be expected the third year from seed.

	OZ.	1/41D.	10
Columbian Mammoth White	.05	.15	.50
Very vigorous and robust in habit; grows large shoots. Needs no			
earthing up.			
Early Giant Argenteuil	.05	.15	.50
The stalks grow to a mammoth size. It is early, and so very vigor-			
ous it is but little troubled with rust.			

BEANS.-Dwarf or Bush.

Postage on all Beans to be paid by purchaser. See Parcel Post Rates Front Page

Beans should not be planted before the ground becomes light and warm, in favorable seasons usually about the first of May. The soil should be rich and mellow, and the seeds scattered about 3 inches apart in drills that are 2 to $2\frac{1}{2}$ feet apart, and covered about 2 inches deep. Successive sowings, made at intervals of about two weeks until the middle of July, will give a plentiful supply of beans throughout the season. One pound of seed will sow feet of drill.

GREEN PODDED SORTS.

	Lb.	¼ Bu.	Bu.
Black Valentine (Rattail)	.25	\$2.50	\$9.50
Long Fellow	.25	2.50	9.50
Early and prolific. Long and very tender pods.			
Giant Stringless Green Pod	.25	2.50	9.50
Stringless Green Pod	.25	2.50	9.50
Green Round Pod.			
Hopkins' Imp. Round Pod, Ex. Early Valentine	.25	2.50	9.50
The best Valentine in the market.			
Extra Early Refugee	.25	2.50	9.50
Refugee or "1000 to 1 "	.25	2.50	9.50
Tennesee Green Pod	.25	2.50	9.50
Horticultural Dwarf	.25	2.50	9.50
Shell Beans. Late and productive,			
Large Red Kidney	.20	2.25	8.00
Shell Beans.			
White Kidney	.20	2.25	8.00
Shell Beans.			
White Marrow	.20	2.25	8 00
Shell Beans.			
White Navy	.15	2.00	7.50
Shell Beans.	~~		
Bountiful Bean	.25	2.50	9.50
Very early and stringless			

WAX PODDED BEANS.

	Lb.	1/4 Bu.
Wardwell's Kidney Wax	.25	\$2.50
German Black Wax	.25	2.50
Improved Golden Wax	.25	2.50
Crystal White Wax	.25	2.50

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

POLE BEANS.

Less hardy than the Bush Beans, and should be planted several weeks later, when the ground is warmer. Plant the seeds in slightly raised hills 3 or 4 feet apart, 4 or 5 seeds to the hill. The Limas are especially tender, and the rule for late outside planting with them is rigid. Painstaking cultivators, who are usually the most successful, plant them eye downward, after setting stout poles for every hill. All sorts of late-ripening Pole Beans are benefited by pinching the tips of the vines back when they are about 5 feet high. A pound will plant about 100 hills.

	Lb. 1	1/4 Bu.
Lazy Wife's	.25	\$3.00
Dutch Case Knife	.25	3 00
Speckled Cut Short Corn Bean	.25	3.00
Horticultural or Cranberry	.25	3.00
Kentucky Wonder, or Old Homestead	.25	3.00
White Kentucky Wonder	.25	3.00
Kentucky Wonder, Wax	.25	3.00
Early Golden Cluster Wax	.25	3,00

POLE LIMA BEANS.

Large Lima	.25
King of the Garden	.25
BUSH OR DWARF LIMA BEANS.	
Burpee's Imp. Bush Lima and Ford Hook Bush Lima	Lb. .35
Henderson's Bush Lima	.25
Dreer's Bush Lima	.30

SWEET CORN.

Postage to be Paid by Purchaser. See Parcel Post Rates on Front Page.

The Sweet or Sugar varieties being liable to rot in the cold or wet ground, should not be planted before May, or until the ground has become warm, and for a succession continue plant-ing every two weeks, until the middle of July, in rich, well-manured ground in hills three feet apart each way, covering about half an inch and then thin out three plants to a hill, or plant in rows four feet apart and to stand eight inches apart in the rows.

One-quarter pound to 100 feet: 1 gallon to the acre.

	Lb.	1/4 Bu.	Bu.
Imp. Adam's	.20	\$ 1 75	\$ 6.75
Adam's Extra Early	.20	1.75	6.75
Early Adams	.20	1.75	6.75
Golden Bantam	.25	2.50	9.50
Kendall's E. Giant	.25	2.50	9 .50
Early Mammoth	.25	2.50	9.50
Early Evergreen	.25	2.50	9.50
Country Gentleman	.25	250	9.50
Shoe Peg	.25	2.50	9.50
Stowell's Evergreen	.25	2.50	9.50
Late Mammoth	.25	2.50	9.50
Howling Mob	.25	2.50	9.50
-			

PEAS.

Postage to be Paid by Purchaser. See Parcel Post Rates Front Page.

Peas succeed in light, dry, loamy soil. Early and dwarf sorts require richer soil than the late varieties. If manure is used let it be old and well rotted, or there will be a rank growth of vines with few pods. Sow the early, smooth, round sorts as early in spring as the ground can be worked. Seeds of wrinkled varieties are more liable to rot if the ground is cold and must be planted later. Sow all the varieties quite early and depend for succession upon the different times of ripening of the various sorts, or from the first sowing sow every two weeks until June for a succession. One-half pound to 100 feet; 2 bushels to the acre.

	11.	½ Ev.	
Big Alaska	.25	2.50	10.00
Alaska		2.25	9.00
The very earliest and best blue pea. Height, 2 ft.			
First and Best	.25	2.25	9.00
Very early. Height, 2½ ft.			

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PEAS.—Continued.

	Lb.	1⁄4 Bu.	Bu.
Chicago Market	.25	3.00	11.CO
Wrinkled variety; height $1\frac{1}{2}$ ft.; about one week later than Gradus. Long dark green pods containing 6 to 8 large peas.			
Gradus, or Prosperity	.25	2.75	10.00
One of the earliest of wrinkled varieties; large pods. Height, $2\frac{1}{2}$ ft.			
Thomas Laxton	.25	2.75	10.00
Nott's Excelsior	.25	2.75	10.00
American Wonder Well known and very popular. Height, 1 ft.	.25	2.75	10.00
McLean's Little Gem	.25	2.75	10.00
Improved Stratagem An improvement on the old Stratagem. Height, 2 ft.	.25	2.75	10.00
Pride of the Market	.25	2.75	10.00
Peter Pan	.25	2.75	10.00
Laxtonian	.25	3.00	11.00
Telephone	.25	2.75	10.00
Champion of England	.25	2.75	10.00
Tall White Marrowfat	.25	2.25	8.50
Royal Dwarf White Marrowfat \dots	.25	2.25	8.50

BEETS.

The soil best suited to the Beet is a deep, light and rich loam. For very early crops, the seed is sown in hotbeds, and the seedlings are transplanted to the open ground. For main crop, the seed is sown outside as soon as the soil is in good condition, in drills from 12 to 15 inches apart, and covered about an inch deep; the plants are thinned to stand 4 or 5 inches apart in the rows. For winter crops, sow seed in June, in drills, as for early Beets. An ounce of seed will sow 100 feet of drill; five or six pounds will sow an acre.

	Oz.	1/41b.	10.
Extra Early Dirigo	10	.20	.60
New Crosby's Egyptian	10	.20	.60
Detroit Dark Red Turnip Beet	10	.20	.60
Improved Extra Early Eclipse	10	.20	.60
Early Blood Turnip	.10	.20	.60
Early Turnip Bassano	10	.20	.60
Edmund's Early Blood Turnip	10	.20	.60
Half Long Blood	10	.20	.60
Long Dark Blood Red	10	.20	.60
Yellow Globe	10	.20	.60
Mammoth Long Red	.10	.20	.60
True Sugar	10	20	.60
Fire Ball	.10	.25	.75

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BRUSSELS SPROUTS.

Dwarf Improved	 	.25	.90
Species of Cabbage : cultivation the same.			

COLLARDS.

True Georgia	1	5
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Used as Greens.

CABBACE.

Seed sown in hotbed or greenhouse about February 15 will give plants large enough to transplant into hotbeds about March 10 Set them 2 or 3 inches apart each way, and as soon as they become well established remove the glass for part of the day, to harden them for final transplanting into the open ground, increasing the exposure daily until April 10 or 20, when the final transplanting may be made. Plants for this early crop need not stand further apart than 1½x2 feet. For late crops, sow seeds in April or May, and transplant to the open ground when large enough, setting the plants up to the first leaf, and 2x3 feet apart. It is important that the plants should not stand thick in the seed-beds, as this would induce weak, slender plants. One oz. to 1500 plants; 2 oz. to the acre.

UZ.
Copenhagen Market
Glory of Enkhuizen
Extra Early Express
Burpee's All Head Early
Early Jersey Wakefield
Large Charleston Wakefield
Early Dwarf Flat Dutch
Early Winningstadt
Fottler's Early Drumhead
Henderson's Early Spring
Henderson's Early Summer
All Seasons
Henderson's Succession
Burpee's Sure Head
Selected Flat Dutch
Late Drumhead
Danish Ballhead
Hollander
Marblehead Mammoth
Mammoth Rock Red
Improved American Savoy

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CAULIFLOWER.

Culture for Cauliflower and cabbages is essentially the same, but to the former extra care given in applying fertilizers and moisture well repays the gardener. Sow the seeds for early and late crops as directed for cabbage, but do not set the early plants in the open field too soon, for if too much stunted by severe frosts they begin to form heads before they are strong enough to develop them well. Plants which have not headed before winter sets in may be stored in a cool cellar or coldframe, and will form heads there without any further attention. One oz. to 1500 plants; 2 oz. to the acre.

	Pkt.	¼0z.	₩0s.
Early Snowball	.10	.50	1.00

CARROT.

Carrots succeed best on heavy loam, which preferably should have been well fertilized the previous year, as fresh manure often causes the roots to grow pronged and misshapen. Sow the seed as early in the spring as the ground can be prepared, firming the soil down over them. One ounce of seed will sow 200 feet of drill; 2 pounds will sow an acre.

Oxhart	Oz. .10	12	іь .75
Danver's Half Long	.10	.25	.75
Long Orange	.10	.25	.75

CELERIAC.

Sow in early spring; transplant the seedlings in May. They will be ready for cooking in October and may be preserved in dry sand for use during winter.

Turnip Rooted	Celery	 															2	5
a dramp roood	001013	 	 •		•	•			•	•					•	 		0

CELERY

Celery can be grown on any garden soil, but is finest on deep, mellow bottom land. Seed for early crops should be sown in hotbeds about March 15. The plants may either be thinned to give them room to grow, or transplanted to another bed to grow until it is time to plant them in the open ground For main crop, seed should be sown in the open air as soon as the soil and air are warm enough. They should be covered lightly, or merely pressed into the earth with a board if the soil is fine and mellow. The seed-bed must be kept, free from weeds, and well watered in dry weather. When the plants are large enough, transplant them to shallow trenches or furrows from 4 to 6 feet apart, according to the variety grown, setting the plants 6 inches apart in the rows and pressing the soil firmly around them. One oz. to 10,000 plants.

Golden Self Blanching, French Stock		5	0
Winter Queen		2	5
Very large stalks; splendid keeper.			
White Plume			
Celery Cabbage or Chinese Lettuce	• • •	28	5

CORN SALAD.

Sow the seed thickly in shallow drills in September, and firm the soil well down above it, if the weather be dry. Highly appreciated, and much grown where other salads and lettuces do not succeed. An ounce of seed will sow a bed 20 feet square.

	Oz.	1/1b
Large Leaf	.10	.25

Fine for salad.

CRESS.

One-half oz. to 100 feet of drill.	Oz
Curled or Pepper Grass Used for salad; very pungent.	.20
True Water Cress	.40

0.

CUCUMBERS.

The seed cannot be planted in the open ground before the weather has settled, and the ground mellow and light. Plant the seeds in well-enriche	d hills	about	4 feet
apart each way, and as soon as all danger from insects is over thin the pla	ints to	leave fo	our of
the strongest in each hill. One oz. to 50 hills; 1 pound to th	Oz.	¼1b.	ΙЪ.
The Davis Perfect	.10	.30	1.00
A sure money maker for those engaged in growing cucum bers under glass "for profit" as well as for truck			
bers under glass "for profit" as well as for truck			
gardeners to grow out-of-doors. It is as early as the			
earliest strain of White Spine and it out-yields by far anything ever tried. Unequaled for quality, shape,			
color and productiveness. Bound to become the most			
popular cucumber when known.			
Hoermann's Alaska	.10	.30	1.00
This is a hybrid sort which produces very fine Cucumbers			
for slicing or pickling. When suitable for slicing they			
average from 6 to 8 in. long, uniform in shape, dark green			
color with lighter stripes extending from the blossom			
about $\frac{1}{3}$ of the length Every one should try this variety as it is an abundant yielder and succeeds under condi-			
tions where other sorts fail.			
"Cumberland"	.10	.25	.85
An excellent new variety; very desirable both for slicing			
and pickles.			
Lemon Cucumber	.10	.30	1.00
A luscious flavored Cucumber. Not same as garden Lemon.	10	.25	05
Arlington White Spine	.10	.20	.85
Evergreen White Spine	.10	.25	.85
Claimed to be an improvement on the above.		120	
Early Fortune	.10	.25	.85
Very fine, early and productive white spine.	10	~~	0.5
Early Cluster	.10	.25 .25	.85
Ohicago Pickling	.10 .10	.25	.85 .85
London Long Green	.10	.25	.85
West India Gherkin	.10	.30	1.00
Good for pickling only. (Small.)			
Japanese Climbing	.10	.30	1.00
It is suitable for growing either in frames or in the open air. It is	very e	early an	d ex-
ceedingly productive. The fruit is excellent either for table or p	picklin	g.	

LETTUCE.

Seed for the first outdoor crop is usually sown in hotbeds in February, and the seedlings transplanted to the garden in April, 8 to 12 inches apart, in rows 12 inches apart. For a succession until frost, sow in drills in the open ground at intervals of every two or three weeks, and thin the plants to stand 6 to 8 inches apart. For plants to force in hotbeds from November until spring, sow seed in hotbeds in the fall, and cover up as winter approaches, until the plants are required for use. Or the seed may be sown in hotbeds early in winter and the seedlings transplanted when large enough into fine and well-prepared garden soil. One-fourth oz. to 100 feet of drill; 2 pounds to the acre.

Grand Rapids	Oz. .20	₩1ъ. .60	$\frac{\text{Lb.}}{2.00}$
Extra fine for forcing. Immensity, extra large size.	.15	.50	1.50
Black Seeded Simpson	.15		1.50
Stands heat well. Early Curled Simpson	.15	.50	1 50
Good for forcing and out doors.	15	50	1 50
Philadelphia Butter	.15	.50	1.50
Prize Head	.15	.50	1.50
Leaves frilled and blistered ; very crisp. Early White Cabbage or Butter	.15	.50	1.50
Large solid heads.	15	FO	1.50
Denver Market	•19	.50	1.00
Hanson	.15	.50	1.50
Stands drought and hot sun well.			

LETTUCE Continued

	Эz.	⅓lb	Lb.
Wayahead	.15	.0	1.50
Big Boston	.15	.60	1.50
California Cream Butter	.15	.50	1.50
Brown Dutch	.15	.50	1.50
Iceberg	2.0	.75	2.50
May King	.15	.50	1.50

ENDIVE.

This is an important fall and winter salad. For early, the seed should be sown in April, in drills 15 inches apart, and the seedlings thinned to stand 12 inches apart in the rows for the main crop may be made in June and July, as the vegetable is used principally in fall and winter. The inner leaves are blanched by tying the tips of the outer ones together, or by laying boards over the plants. One-fourth oz. to 100 feet of drill.

Broad Leaved Batavian	/ h
White Curled	.15 .50
Green Curled	.15 .50

EGG PLANT.

Sow the seed in hotbeds early in March, transplant to small pots and plunge them in the same beds; this is to make them strong and stocky. They should not be planted out until May or June, when the weather becomes warm and settled, as cool nights and wet weather will check their growth. Set the plants in rows 3 feet apart each way and give them thorough cultivation, drawing the earth up to the stems when they are about a foot high. Repeated sowings are sometimes necessary, as the seed does not germinate freely without strong and uniform heat. One oz. to 2,000 plants.

	Oz.
New York Improved Spineless	.40
Black Beauty	

KALE.

One oz. to 2,000 plants, 1 pound to the acre.

Improved Siberian	.10		.75
Dwarf German Green			
Tall Curled Scotch	.10	.25	.75

SWISS CHARD, SILVER OR SEA KALE

Grown exclusion	ively for its le	eaves, which	can be	used and	served			
like Spinach.	Cultivation sa	ame as for H	Beets .			.10	.25	.75

KOHL RABI.

Very palatable when prepared for the table like turnips. If the weather is favorable the seed should be sown in April, in rows 18 inches apart, and the seedlings thinned to stand a foot apart. One-half oz. to 100 feet of drill.

Early White	Vienna	•												.25
Early Purple	Vienna						•	•	•					.25

LEEK.

Used for seasoning soups and boiling with meats. The seed should be sown in hotbeds in early spring, and the seedlings transplanted later to the open ground, 8 inches apart, in rows from 12 to 15 inches apart. One-half oz. to 100 feet of drill. Oz.

MUSHROOM SPAWN.

American Pure Culture Spawn 1 lb. Brick .35

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MUSTARD.

The young and tender leaves of the mustard are greatly relished as salads or when cooked like spinach. The seed should be sown in shallow drills as early as the ground can be prepared in spring, and the leaves cut when several inches long. One oz. to 50 feet of drill.

	02.	741D.	L0.
White	.10	.20	.60
Southern Giant Curled	.10	.20	.60
Ostrich Plume	.10	.20	.60

OKRA.

The tender young pods are used for seasoning soups and stews. Sow the seeds thickly in rich soli about the middle of May, in drills 3 feet apart, and cover the seeds an inch deep. Two oz. to 100 feet of drill.

Dwarf White	Oz. .10	¼lь. .25
Perkins' Mammoth	.10	.25

ONION.

Onions thrive best on a rich, deep, loamy soil For sets, the seeds should be sown very thickly in drills as early as possible in spring. In summer, as soon as the tops die down, harvest the bulbs and store them in a dry, cool place, spreading them in thin layers. Early in the following spring replant them 4 inches apart, in small drills 12 inches apart, and they will form into fine, large bulbs early in the season. Large Onions may also be grown from seed the first season if the land is strong and well manured, the seed sown thinly in drills a foot apart, and the seedlings thinned to stand 3 or 4 inches apart in drills; they must be well cultivated and kept free from weeds. Five pounds per acre will be required for large onions; for sets, 25 to 30 pounds. One-half oz. to 100 feet of drill.

	Oz.	¼lb.	LЪ
Mammoth Prizetaker	.20	.60	1.75
Largest yellow onion grown.			
White Silverskin or Portugal	.25	.75	2.50
Extra Early Red Round	.20	.60	1.75
Extra Large Red Wethersfield	.20	.6 0	1.75
Yellow Globe Danvers	.20	.6 0	1.75
Southport Large Red Globe	.20	.60	1.75
Southport Large White Globe	.25	.75	2.50
Yellow Danver	.20	. 6 0	1.75

PARSLEY.

Much used for garnishing and flavoring soups, stews, etc. The seed is slow to germinate, and should be sown as early as possible, in drills 12 inches apart, thinning plants in rows 4 to 6 inches apart. One-half oz. to 100 feet of drill.

								Oz
Plain for flavo	ing							20
Trans, for have			•••		•••		•••	
Moss Curled.	Finely cut and curled for garnishing	•	• •	• •	• •	•	• •	.20

MUSKMELON.

Muskmelon seed should not be planted outdoors until the ground has become warm and dry. The hills should be about 6 feet apart, and carefully prepared. Rich earth is far better for the young plants than manure; but if the latter must be used see that it is well rotted. Plant from six to twelve seeds in a hill, and when the young seedlings are strong enough to resist the attacks of insects, thin them, leaving three of the strongest in each hill. One oz. to 50 hills; 1 to 2 pounds per acre.

one of the bound of the point per acre.	0.7	1/11	lb
		$\frac{1}{4}$ lb.	lb.
Tip Top	.10	.30	1.00
Yellow flesh, sweet, juicy and of finest flavor.			
Burrell's Gem, or Ordway	10	.25	.75
	.10	.20	.10
A yellow fleshed nutmeg, very sweet, and a good seller.			
Hoodo or Hearts of Gold	.10	.25	.75
This new variety is the equal of any melon, and superior in its			
round qualities. Yellow flesh.			
Paul Rose	.10	.25	.75
Very early; good shipper; red flesh.			
	10	05	75
Emerald Gem	.10	.25	.75
Extra early: orange flesh; very sweet.			
	10	25	.75
Oh o Sugar	.10	. 20	
Green fleshed, heavily netted.			

MUSKMELON—Continued.

Honey Dew	, d a x, t-		Lb 1.00
Osage	.10	.25	.75
Iron Clad (Eden Gem)	.10	.25	.75
Pollock's No. 10-25 A selection from No. 25, having deeper salmon tint, more uniform in size and better netted. Popular as a shipping melon at Rocky Ford.	.10	. 30	1.00
Rocky Ford Colorado grown Netted Gem	.10	.25	.75
Chicago Market	.10	.25	.75
Extra Early Hackensack	.10	.25	.75
Blue Ribbon Gem	.10	.25	.75

WATERMELON.

Secure good strong vines early in the season by making the hills large, mellow and well drained, with the manure placed so that they will not dry out quickly under hot suns. All possible protection from insects should be given the young plants, and as a protection from insects, use dry ashes or coal dust sprinkled over the leaves Plant the seeds thickly, and thin the plants to four of the strongest in each hill. One oz. to 50 feet of drill; 1 to 2 pounds to the acre.

	02.	¼lb.	Lb.
Kleckley Sweets (Colorado grown)	.10	.20	.60
Tom Watson	,10	.20	.60
only larger and a better shipper. The skin is of a rich, deep green, the flesh a deep red and very sweet.			
Monte Cristo	.10	.20	.60
Halbert's Honey	.10	.20	.60
Excell	.10	.20	.60
Round Dark Icing	.10	.20	.60
Long Light Icing	.10	.20	.60
Gypsy, or Rattlesnake	.10	.20	.60
Irish Grey	.10	.20	.60

PUMPKIN.

Grown principally for stock-feeding, yet some are so sweet, juicy and fine-grained that they will always be considered indispensable for pies and sauces. The vines require the same culture as that recommended for melons, but the seeds must be planted in hills much wider apart; frequently they are planted among corn. A pound of seed will plant from 200 to 300 hills. One to two pounds to the are.

Sweet Cheese or Kentucky Field	оz. .0б	/	
Cuslaw and striped Cushaw	.10	.30	1.00

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POP CORN.

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White Rice															•																		.]	15
Golden Queen	٠	•	•	•	٠	٠	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	.1	15

PEPPER.

Sow in hotbed as early as April, and transplant to rich, warm, mellow soil, as soon as the weather has become warm and settled, setting them about 2 feet apart in drills 3 feet apart. One oz. to 1,500 plants.

Ruby Giant, and Ghinese Giant	Oz. .35
Largest of all. Red.	
Sweet Mountain	.25
Large; square shaped and mild. Bell or Bull Nose	.25
Not quite so mild as Sweet Mountain.	.20
Ruby King	.25
Fruit very large; bright red color. Very mild. Cayenne	.25
Fruit long, hot and pungent.	.20
Red Chili	.25
Small and prolific. Used for pepper sauce.	
Pimento	.80

PARSNIP.

Sow the seed in drills 15 inches apart, as early as possible in spring, and thin the plants until they are 5 or 6 inches apart in the rows. The roots are much improved by frost; to be dug up as required. On the approach of cold weather, cover them heavily with manure or litter. Deep, rich, heavy soil is best suited to the culture of Parsnips, and the roots will be smooth and large if no fresh manure is used as this tends to make them coarse-grained and misshapen. One-half oz. to 50 feet of drill; 3 pounds to the acre.

	Oz.	¥10	Lb.
Large Hollow-crown Sugar	 .10	.25	.75

PEANUT.

Make rows two or more feet apart, and drop seed eight inches apart. Matures very early, and may be planted after oats in July. In gathering every pea comes out. Lb

	Virginia									•											•																	.2	5
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RADISH.

Sow in sheltered spot, the earth being deeply dug, highly fertilized, and raked free from clods and stones. Radishes grown on poor, thin soil cannot be made good; they will be misshapen and tough. To be good they must be grown quickly Radishes can be forced by covering with a window or a sash. One oz. to 100 feet of drill; 10 to 15 pounds per acre.

	Oz.	1∕ 4 1b	Lb.
Round Scarlet China	.10	.30	1.00
Icicle.	.10	.25	.75
Long, smooth, white forcing radish.			
Carmine Forcing	.10	.25	.75
The best and quickest early scarlet turnip radish.			
Scarlet Globe	.10	.25	.75
Fine for forcing and open ground; very early.			
Orimson Giant	.10	.25	.75
Extremely large but never pithy; suitable for forcing or, open cul-			
tivation; tender and crisp.			
New White Chartier	.10	.25	.75
Improved Ohartier or Shepherd	.10	.25	.75
Oincinnati Market		.25	.75
Uncinnati market	.10	.40	.10

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RADISH—Continued.

	Uz.	$\frac{1}{4}$ ib. Lb.
Wood's Early Frame	.10	.25 .75
Early Long Scarlet Short Top	.10	.25 .75
Early Scarlet Turnip Forcing White Tip	.10	.25 .75
Early White Turnip	.10	.25 .75
French Breakfast.	.10	.25 .75
Golden Globe	.10	.25 .75
White Strasburg	.10	.25 .75
Giant White Stuttgart	.10	.25 .75
White Lady Finger, or Long White Vienna	.10	.25 .75
Celestial, or White Chinese	.10	.30
California Mammoth Winter	.10	.30
China Rose Winter	.10	.30
Long Black Spanish Winter	.10	.30
Round Black Spanish Winter	.10	.30
Sparkler	.10	.30 .75

RHUBARB.

Sow the seed early, and when the plants are large enough thin them to 4 or 5 inches apart. The next spring or fall transplant them 3 feet apart each way in deep, rich soil. For forcing, take up some large roots and place them in a dark corner of the cellar or greenhouse. Two oz. to 100 feet of drill.

SEED SWEET POTATOES.

The stock is of suitable size for bedding—small to medium (none very small). Always sorted before we ship same, so that nothing but sound stock can be sent out But we wish it distinctly understood that customers take all risks after we deliver in good condition to the express or railroad company here. We do not ship until planting time (About April 10.)

Extra Early Carolina.

Early Yellow Jersey.

Market prices.

SALSIFY, OR OYSTER PLANT.

When cooked, the roots have something of the flavor and odor of oysters. They may be boiled, used in soups, or grated and fried as fritters. Culture the same as for parsnips and carrots. Roots are perfectly hardy, and may be left in the ground all winter. A quantity of roots for winter use may be stored in a pit or in sand or damp earth in a cellar. One oz. to 100 feet of drill.

SPINACH.

One of the most important crops grown for greens, and may be had in good conditon from very early in the spring until cold weather. For early use sow very early in spring, and for succession at intervals. The main crop for spring and winter use should be sown in September and the plants covered for winter. One-half oz. to 100 feet of drill; 6 to 8 pounds to the acre.

•		Oz.	1/4 tb	Ĩb
Long Standing	• •	.05	.15	.25
New Zealand	• •	.10	.25	.75
Large Thick Leaved	• •	.05	.15	.25
Bloomsdale Savoy	• •	.05	.15	.30
King of Denmark. New	• •	.10	.25	.75

SOUASH.

Seed should not be planted in spring until all danger of frost is past. Plant in hills 5 feet apart for bush varieties and 6 to 8 feet apart for running sorts, putting 6 to 8 seeds to the hill, finally leaving but 3 plants. One-half pound to 200 or 300 hills; 2 to 3 pounds per acre.

		1/4 Tb
Early White Bush	.10	.25
Early; flat scallop shape.		
Summer Crook-Neck	.10	.25
Fruit about one foot long with crooked neck.		
Warty Hubbard	.15	.25
A Hubbard squash completely covered with warts.		
Delicious	.15	.25
A fall and winter variety.		
Golden Hubbard	.15	.25
Boston Marrow, similar to Hubbard	.15	.25
Banna Squash	.15	.25

TURNIP.

For early, sow as soon as the ground can be prepared, in drills 15 inches apart, and thin the plants to stand 8 inches apart. Sow for succession at intervals of two weeks until the last week in July, and from that time onward until the last of August sow for main crop. The sowings should always be made just before a rain, if possible, as the success of the crop de-pends, in a great measure, upon quick germination and rapid growth of the young plants. One oz. to 300 feet of drill; 1 pound to the acre.

	Oz.	1∕410	Lb.
Extra Early White Milan	.10	.25	.75
Early Purple Top Milan	.10	.25	.75
Red, or Purple Top Strap Leaf	.10	.20	.50
Red Top White Globe	.10	.20	.50
White Flat Dutch	.10	.20	.50
White Globe	.10	.20	.50
Golden Ball	.10	.20	.50
Excellent for table or stock; flesh yellow and sweet.			
Cow Horn	.10	.20	.50
American Purple Top Ruta Baga	.10	.20	.50

TOMATO.

As the plants advance in growth support them by brushwood. To have the Tomato very early it is necessary to start the plants in a hotbed, or they may be reared in a flower pot in a window and subsequently transplanted. Plants for an early crop should be raised under glass. For intermediate crop they may be raised on outside beds. For late crops the seed may be planted in permanent position. One oz. to 2,500 plants; 2 oz. to the acre.

	Oz.	$\frac{1}{4}$ ID
Ponderosa	.35	1.25
June Pink	.25	.90
Red Head (New)	.30	1.00
Spark's Earliana	.25	.85
Dwarf Champion	.25	.85
Livingston's Perfection Early; medium size; color blood red.	.25	.85
John Baer A very early, large red variety of fine quality.	.25	.85

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TOMATO-Continued.

	Oz.	1/4 lb.
Early Detroit	.25	.90
Bonny Best	.25	.9 0
Livingston's Beauty	.25	.85
The Stone	.20	.75
Dwarf Stone	.25	.85
Chalk's Early Jewel	.25	.85
Red Rock	.25	.85
Greater Baltimore	.25	.85
Golden Queen	.30	
Yellow Pear	.30	
Red Pear Used for Preserves.	.30	
Gulf State (new)	.75	

TOBACCO.

Sow the seed in plant bed in March. Transplant when five or six leaves appear. Set in rows 3½ feet apart, 18 to 30 inches apart in the row, according to variety. When the bud appears, break off the top, leaving 16 leaves to mature. Keep off all suckers growing from the stem. When the leaves have become waxy and brittle it is ripe. Cut and hang the stock in a shed to dry.

Connecticut Seed Lea Well-known variety.	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	.35	
White Burley																									

HERBS

Caraway—Seeds used for flavoring												
Coriander—Seeds used for flavoring												
Dill—Used for flavoring Pickles												
Sweet Marjoram-Used as a seasoning												
Rosemary—Leaves very fragrant												
Sage—A highly aromatic Herb, most useful of all												
Thyme—Used as a seasoning												
Savory, Summer—Used as a seasoning												
Savory, Winter-Used as a seasoning												
Sorrel-Large leaved, French-Used as a Salad or cooked as Greens												
Basil—Sweet—Leaves used for flavoring												
Chervil—Used for flavoring Soups												
Lavender—Leaves very fragrant												
Chicory-Large rooted-The dried leaves are roasted and mixed with Coffee or												
used as a substitute												
Aspargus Roots Prices on application.												
Rhubarb Roots Flices on application.												

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.



FIELD CORN.

(Prices and Kinds on Application.)

GRASS SEEDS.

(Prices of all Grass Seeds vary and can not be guoted.)

Timothy. Prime quality always in stock.

Kentucky Blue Grass and Red Top.

Orchard Grass. A very valuable grass, and should be extensively used for pasture, and is also good for hay.

Soudan Grass. The great rain and drought resister; the coming hay and fodder crop. Will produce a crop in four months. 15 to 20 pound will sow an acre.

CLOVER.

Medium, or Common Red; Mammoth or Large English; White, Alsike, Crimson, or Scarlet, and Alfalfa.

White and Yellow Blossom Sweet Clover. Used for innoculating land for alfalfa also excellent for bee culture.

Prices of the above cannot be quoted here, as they will vary.

Hubam Sweet Clover

SOUTHERN COW PEAS.

The Great Land Renovator. The Growing Crop Not Only Enriches the Ground, but Furnishes a Large Amount of Most Valuable Forage

For Dry or Green Feeding.

Sow from $1\frac{1}{4}$ to $1\frac{1}{2}$ Bushels to the Acre.

Whip-poor-Will. An early variety, tall, upright; medium yield of vines; large yield of peas, for which they are particularly grown. Highly recommended for "hogging down." Market price.

Canada Field Peas. Market price.

Dwarf Essex Rape. A forage plant of highest value. It can be sown in April for an early crop, and for fall crop in July, August and September, and still later further South. It is sown broadcast 6 pounds to the acre, but it is better drilled, in which case 4 pounds to the acre will suffice. In a few weeks from the time of sowing sheep, hogs or cattle can be turned on it. All reports agree that they gain weight faster on this than any other fodder. As it can be sown after other crops are off, the gain in fodder is secured at a nominal cost. Stockmen, dairymen and farmers have proved its value.

BUCKWHEAT.

Should be sown about the middle of June, broadcast, using from one-half bushel to three pecks of seed to the acre.

Japanese. This new sort has proven to be much earlier and more productive than any other variety. The grains are very large and of a rich brown color. It excels in yield and earliness. Market price.

Common. The well known sort. Market price.

SORCHUM, OR SUGAR CANE

Sorghum is being used extensively as a green food for cattle, horses and mules. It is a sure crop, being a great drought resister and immense yielder, producing many tons of most nutritious green food to the acre. Specially fine for food for milk cows when pasture is short.

Early Orange Cane. A strong grower; much more juicy than any other variety. The stalk is heavier, and a litile later than the Amber. Market price.

Early Amber Cane. Earliest of all. Market price.

BROOM CORN—Improved Evergreen. The best for general cultivation. Brush firm, of good length and bright green color. Market price.

TRANSPORTATION CHARGES TO BE PAID BY FURCHASER

DIRECTIONS FOR USE OF

AVENARIUS

CARBOLINEUM PRESERVES WOOD EVERYWHERE

TRADE MARK

To obtain the best results, AVENARIUS CARBOLINEUM should be applied warm, although it may be applied in its natural state, but if heated it will penetrate faster and evaporate the moisture in the wood more efficiently. In hot weather, and when the temperature reaches 75° F. in the shade, it may be applied in its natural state. At a lower temperature, or when applied to damp or partly seasoned wood, it should be heated in an iron vessel to about 100° or 150° F.

Apply either with a brush or by dipping the wood into the liquid. If applied with a brush, use a wire-bound or rubber-set brush. Dipping the wood, even if for only a short time, accomplishes a much stronger impregnation.

All underground work, as well as all unseasoned lumber, should receive TWO COATS, and all ends and cross-cuts should be well saturated. The second coat may be applied within about 24 hours of first coat.

On wood where decay has already started, decayed parts should be removed and a liberal application of AVENARIUS CARBOLINEUM made to the wood.

CAUTION:—AVENARIUS CARBOLINEUM, if applied in the sun, has a tendency to flush the skin of some people, especially if the user rubs the perspiration from the face with hands spattered with the oil—hence apply in the shade. Avenarius Carbolineum is not injurious to the eyes beyond a smarting effect by direct contact. This, as well as the flushing of the face, is not dangerous and is relieved by bathing affected parts in cold water, or applying vaseline. If it cannot be applied in the shade, and as a matter of precaution, wear gloves and autogoggles, using long-handled brushes.

DIRECTIONS FOR USE AGAINST CHICKEN MITES IN POULTRY HOUSES

Thoroughly clean inside walls, dropping boards, roosts, etc., and then apply to same one or two brush coats, or a good spray coat of AVEN-ARIUS CARBOLINEUM. It will work with any sprayer if strained, but in cold weather it should also be heated. Special care should be taken to saturate all cracks, crevices and joints of wood.

Application should be made in the morning. Thereafter the house should be closed for an hour or two and then ventilated. Reasonable care should be taken to prevent the fowls from coming in contact with the freshly painted wood-work, and if possible, they should be kept out of the coop until evening.

DIRECTIONS FOR USE ON BINDER TWINE AGAINST CRICKETS.

Dip the binder twine a few minutes in Avenarius Carbolineum heated to about 75° to 100° F., then put twine on a drain pan for a day or two to drain off the surplus oil absorbed.

DIRECTIONS FOR USE AS A FLY CHASER on CATTLE, HORSES, and HOGS—Use ONE PART AVENARIUS CARBOLINEUM to THREE PARTS of MACHINE OIL.

CATTLE—Spray legs, back, foreshoulders and on abdomen, except the udder, before milking mornings and evenings. Spray inside of stalls.

HORSES—Spray lightly first on legs and abdomen, then other parts of body.

HOGS—Spray lightly on abdomen and then on back.

Use a sprayer throwing a very fine spray, and never pour on or soak skin of any animal with the mixture, because if applied in this way excessively it may cause the skin to blister.

CARBOLINEUM WOOD PRESERVING GO. Garbolineum Bidg. MILWAUKEE, WIS.

Form 2539

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AMOUNT OF FIELD SEED REQUIRED TO THE ACRE.

Clover, common red, 8 to 10 lbs. per acre. Clover, Alsike, 5 to 6 lbs. per acre. Alfalfa, 15 to 20 lbs. per acre. Clover, sweet, 15 to 20 lbs. per acre. Timothy, 6 to 8 lbs. per acre. Blue Grass, 15 to 25 lbs. per acre. Orchard Grass, 15 to 20 lbs. per acre. Red Top, hulled, 8 to 10 lbs. per acre. Red Top, unhulled, 20 to 25 lbs. per acre.

Sudan Grass, 15 to 20 lbs., broadcast per acre. Buckwheat, 35 to 40 lbs. per acre. Corn (field), 6 to 8 lbs. per acre. Millet, 1 to 1½ bushels per acre. Cow Peas, 1 to 1½ bushels per acre. Rape, 6 to 8 lbs. per acre. Cane, in drills 6 to 8 lbs.; broadcast, 25 to 30 lbs. per acre. Rye, 1 to 1½ bushels per acre.

THE CYCLONE SEED SOWER. The best on the market.

HOW TO MAKE A LAWN.

The ground should be spaded deeply and thoroughly raked to a level and fineness, and after the seed is sown should be very lightly raked, as heavy raking would cover it too deep. After raking it is well to roll it, but it is not absolutely necessary.

Kentucky Blue Grass is largely used alone, and it makes a fine sod. It is well to use with it a little White Clover, which is of low growth and looks well, and it is of surer growth than blue grass. As light seeds like blue grass cannot be covered deep, but must be close to the surface, they are readily affected by dry weather. The seed may be ready to sprout and in the morning be moist, but before night be dried out and ruined. With this uncertainty it is well to sow a little Red Top with it, which is of much surer growth, and in a couple of years the blue grass will run it out. Seed can be sown with good results almost any time where water can be had to sprinkle

when it becomes dry. If not, then February and March are the best months, that it may come up with the warm spring rains. August and September are also good months, as we usually have fall rains to do the same.

It is advised to sow one pound of seed to each 15 feet square on bare ground, and on old lawns in proportion as needed.

Choice Blue Grass White Clover Red Top

Evergreen Lawn Grass Seed, a mixture of the best grasses,

Shady Nook Grass Seed

NEW PLANT LIFE ODORLESS LIQUID FERTILIZER

Contains Potash, Nitrogen and Phosphoric Acid

Supplying the needed nourishment for House Plants, Lawns, Shrubbery, Flowers, Veget able Gardens and Trees. One pint will make 20 gallons of Fertilizer.

New Plant Life, free from weed seeds, and does not deteriorate.

PULVERIZED SHEEP MANURE-Much better and less objectionable than barn yard manure.

INCREASE YOUR YIELD OF ALFALFA, CLOVERS, COW PEAS

and other Legumes by Inoculating Your Seed or Soil with

itself.



Mulford Cultures improve your soil and, when properly used under favorable conditions, induce a property dsed under favorable conditions, induce a prompt "catch" and often more than double your yield. They are easily used by anyone, without previous ex-perience. No special knowledge or implements are required. Supplied in:

5-Acre Size .					\$5.	00	("A	D	olla	r]pe	r A	cre'')
1-Acre Size .							· •					\$1.50
1-4 Acre Size						• •						.50
Small Size (si	app	lied	l on	l٧	in	4 va	riet	ies	, foi	: Ga	rde	n minin .
Peas.Garde	n E	lear	ns. I	ii	ma	Bea	ns a	nd	Swe	eet]	Peas	.25

Always specify on your order what crop you want o inoculate, as there is a different strain of bacteria or each legume.

Alfalfa plant on left not inoculated. Plant on right inoculated with Mulford Culture for Alfalfa. All other conditionsidentical. This contrast speaks for itealf

Supplies for Horses, Cattle, Hogs and Poultry.

LINSEED MEAL.

(Crushed Oil Cake. Old Process.) Well known as an excellent food. Market price.

SALT-LODE-For Horses, Cattle, Hogs and Poultry.

This new preparation is used by mixing 1 pound salt-lode with 5 to 10 pounds barrel salt. 10 pound bucket \$1.00; half pound trial package 10c postpaid.

PRATT'S POULTRY AND STOCK REMEDIES.

Hog Cholera Specific, Animal Regulator, Conditioner, Poultry Regulator, Lee Killer, Roup Cure, Worm Powder for stock, Chicken Cholera Remedy, Sore Head Chicken Pox Remedy, Animal Dip, Gape Remedy, Healing Powder, Head Lice Ointment, Healing Ointment. Scaly Leg Remedy, Poultry Disinfectant, Heave Cure, Baby Chick Food, Cow Remedy, White Diarrhoea Remedy, Colic Remedy, Distemper Remedy, Poultry Condition Tablets, Bronchitis Remedy, Veterinary Liniment, Chick Starter.

LEE'S POULTRY REMEDIES.

Lice Powder, Liquid Lice, Egg Maker, Chick Grower and Germozone.

CONKEY'S POULTRY AND STOCK REMEDIES.

Lice Powder, Stock Tonic, Poultry Tonic, Nox-i-cide Disinfectant, Roup Cure Worm Remedy, Cholera Cure, Scaly Leg Remedy, Gape Remedy, Sore Head Remedy, Head Lice Ointment, Limber Neck Remedy, Lice Liquid, Heave Cure, Chick Starter.





Ground Oyster Shell-Will increase the supply of eggs and keep poultry in healthy condition.

Hoermann's Louse Killer-For poultry and stock.

LICE KILLING NEST EGGS.

Sunflower Seed—Large Russian. Sunflower seeds are superior food for poultry (said to improve the meat). Special prices in quantities.

Spratt's Dog Cakes. "Puppy Cakes. "Puppy and Dog Vermifuge

SPRATT'S REMEDIES. Spratt's Cod Liver Oil Cakes. "Cat Food. Vermifuge Spratt's Patent Fish Food.

MALTOID-MILK-BONE. Bone Shaped Dog and Puppy Cakes. RYDE'S CREAM CALFIMEAL.

METAL EGG CRATES (for Parcel Post)

SERCEANTS DOC REMEDIES.

Mange Medicine Distemper Medicine Pepsin Tablets Arsenic & Iron Pills Condition Pills Skip Flea Powder

PICEON FEED.



Hemp Seed. Milo Maize. Canadian Field Peas. Pigeon Grit.

Kaffir Corn. Sweet Corn.

HAMMOND'S SLUG SHOT

HAMMOND'S SLUG SHOT, one of the best vegetable insecticides in use. Specially recommended for destroying the Cabbage worm, Potato bug, Tobacco worm, and other insects that prey on vegetation. Gardeners need have no fear about applying this, as it is not dangerous to handle like Paris Green, etc. Non-poisonous to human life. The quantity used per acre varies from 10 to 40 pounds, according to the size and number of plants.

CARBOLINEUM.

Spray Your Flowers, Shrubs, Fruits, Vegetables, Etc., with "BLACK LEAF 40"

Destroys such insects as Aphis (Plant Lice) Thrips and Leaf Hoppers. Contains 40% of nicotine. 1 oz. makes about six gallons of spray. Price 35c, ½ Lb. Can, \$1.25

"Nico-Fume" for Spraying and Fumigating in Greenhouses "NICO-FUME" LIQUID SPRAYING

"Nico-Fume" Liquid is a highly refined solution of free nicotine and is of exceptional purity. It is guaranteed to contain 40% of nicotine by weight in water solution. It contains no alcohol, camphor or other chemicals or adulterants which might impair its efficiency or injure plants, and is especially well adapted to florists' general needs, both for fumigation and spraying purposes. For Green Fly, Thrips, etc., "Nico-Fume" Liquid furnishes highly satisfactory results when diluted at the rate of one or two teaspoonfuls to each gallon of water. For more resistant plant lice, such as Black Fly and the Chrysanthemum Leaf Miner (Marguerite Fly), three or four teaspoonfuls to each gallon of water may be used.

4-lb., tin, price 75c, contains at least 700 grains of pure nicotine. 1-lb. tin, price, \$2.25 contains at least 2800 grains of pure nicotine.

CARBOLA Germ Killing White Paint. Use it instead of white wash and disinfectants

Lime and Sulphur. Fungi Bordo. Bordeaux Mixture. Paris Green. Slug Shot Whale Oil Soap. Sulpho Tobacco Soap. (Prices on Application.)

POULTRY SUPPLIES

Poultry Markers, Chick Starter, Poultry Leg Bands, Scratch Feed, Charcoal, Alfalfa Meal, Beef Scraps, Drinking Fountains, Fine and Coarse Grit, Chicken Feeders, Oyster Shell, Meat Mash (Prices on Application).

FLOWER SEEDS.

ALYSSUM.

One of the sweetest and most useful of summer flowers. Hardy annual. Sweet. Flowers pure white. Five cents per packet.

ANTIRRHYNUM.

(Snapdragon.)

One of our most showy and useful border plants. Hardy; blooming the first year from seed. One or two feet.

Finest Mixed. Per packet, 5 cents.

ASTERS.

Give the Aster a deep, rich soil, and a mulching of coarse manure is very beneficial. A little liquid manure occasionally will give good results. Sow early in the house, and transplant into pots or boxes. As soon as the weather is warm

enough plant in beds about twelve inches apart. Half-hardy annuals.

Semple's Branching. A beautifu strain of late flowering Aster, which bears on long stems, perfectly formed double flowers 4 inches in diameter, 18 inches to 2 feet high. Double mixed. Pkt. 10c.

Giant Comet. A beautiful and distinct class. Their very large. double flowers are often 4 to 5 inches across, with long, curled and twisted petals, forming loose half-globes, resembling Japanese Chrysanthemums.

Separate colors-white, pink, purple; packet 10. Mixed colors; packet 10 cents.

Queen of the Market. A first-class early flowering Aster, coming into flower in July, of branching habit; flowers of good size and borne on long stems, making them exceedingly valuable for cutting; one foot. Per packet, 5c..

ACERATUM or Floss Flower.

One of the very best bedding plants. Packet, 5 cents.

AMARANTHUS (Joseph's Coat.)

Ornamental foliage plants. Per packet, 5 cents.

BALSAM.

(Lady Slipper or Touch-Me-Not.)

Desirable for garden or pot culture. The soil should be of the richest and best quality Set them about fifteen inches apart, and give them plenty of manure water. Tender annuals. Two feet.

Pouble Camellia Flowered Mixed. Of perfect form; beautiful colors. Per packet, 5 cents.

CENTUREA.

Special Callfornia Strain. All colors. Very fine. Small trial packet 5c.

Bachelor's Button. This is the widely known and ever popular Corn Flower, or Corn Bottle. Hardy annual. Two to three feet high. Packet, 5 cents.

CANDYTUFT.

A well known favorite. Is a hardy annual, very pretty in beds or masses. White. One foot. Packet, 5 cents. Mixed colors. One foot. Packet, 5 cents.

CALENDULA (Pot Marigold.)

Showy, free-growing hardy annuals; valuable also for pot culture; 1 foot. Packet 5c



ASTER.

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CALLIOPSIS.

Very handsome and showy plants, with numerous flowers of brilliant colors and of long duration in bloom. Of the easiest culture. Mixed. All colors. Packet, 5 cents.

CARNATION.

Carnations are general favorites for their delicious fragrance and richness of colors, Protect during the winter. Half-hardy perennial. One and onehalf feet.

Fine Double Mixed. The hardiest and best varieties for garden culture. Packet, 10 cents.

Marguerite. These are deservedly the most popular Carnation with the amateur, as they begin flowering in a few weeks from time of sowing. Finest mixed. Packet, 10 cents.

CANNAS.

Soak the seed for twelve hours in warm water before planting, and keep in a warm spot. The roots can be kept in the cellar over winter. The mixed seed we offer has been saved from the finest varieties of all colors. Packet, 5 cents.



CANTERBURY BELLS.

Very ornamental growing about 2 feet high; large bell-shaped flowers. Packet, 5 cents.

CASTOR BEANS.

Castor Bean, in all its varieties, has a very showy tropical appearance, singly or in groups. Mixed Colors. Packet, 5 cents.

CENTENNIAL PLANT (Mexican Fire Bush.)

A very ornamental plant for borders and rookeries, producing fern like trees from 1 to 2 feet high. Of easy culture and very hardy. Packet, 5 cents.

CHRYSANTHEMUM.

The annual varieties are hardy, very pretty, especially when grown in masses. Easy culture; stand the heat; require rich soil.

Coronarium. Mixed colors. One foot. Packet, 5 cents.

COCKSCOMB.

The Cockscombs are tender annuals, require rich soil, will attain rich color and large size by repeated shifting; cut off side flowers and leave one head only to a plant. If cut before they fade the head may be preserved during the winter.

Mixed Colors. Packet, 5 cents.

CHINESE WOOLFLOWER.

This new Cockscomb is one of the most magnificent garden annuals ever introduced. Plants grow two or three feet high, the bloom starting early with a central head, round and globular, which often reaches an immense size. Scores of branches are thrown out, each bearing a ball of scarlet wool, but not so large as the central one. None of the blooms fade in any way until hit by frost

Start seed if convenient under glass about four weeks before time to transplant to the garden. If the little plants remain too long in pots or seed beds, they will begin to set bloom, which is not desirable. Transplant to the garden as soon as danger from frost is passed. Per packet, 5 cents.

COLUMBINE. (Aquilegia.)

No hardy plant is more easily grown than the Columbine. Seed may be planted in the open ground early in spring, and will, in the case of the single varieties, bloom the same season. Or they may be planted in August or September, and will come up early in spring and make vigorous plants, which will bloom freely during late spring and early summer. They do well in sun or half shade. No other plant has so airy a grace as the Columbine, is more generous of blooms, or better adapted for cut flowers. In this mixture are shades of yellow and orange, blue and white, pure white, pink, dark red, and the red and yellow native Columbine, many of them having long spurs. Packet, 10 cents.



COSMOS.

Should be sown in spring, in the open ground, when danger from frost is past, or the seed may be started under cover and afterwards transplanted. When the plants are about a foot high, the tops should be pinched out to induce a bushy growth, and this should be continued until the middle of July, when they should have formed nice, bushy plants three feet high by the same in diameter.

Large Flowered Perfection. Mixed. Packet, 5 cents.

DAHLIA.

A well-known favorite. The colors and shades of flowers are many; is a half-hardy perennial, tuberous rooted, deserving a place in every garden. Blooms till frost. Keep roots during winter in a dry cellar, free from frost.

Various Colors, Double. Five feet. Packet, 5 cents. Various Colors, Single. Five feet. Packet, 5 cents

FOUR O'CLOCK.

Marvel of Peru, or Four O'clock, is a very pretty annual of vigorous growth. The flowers are brilliant, singularly mixed and varied on the same plant. Two feet. Packet, 5 cents.

FORCET-ME-NOT.

Half-hardy perennial. Six inches. Fine mixed. Packet, 5 cents.

CAILLARDIA (Blanket Flower).

One of the most showy and brilliant of garden flowers. Packet, 5 cents.

CERANIUM. Mixed, 10 cents per packet.

HELIOTROPE.

The Heliotrope is a sweet-scented, tender perennial. Grows freely in the garden or greenhouse. Fine for boquets. Two feet. Fine mixed. Packet, 5 cents.

HOLLYHOCK.

One of the most majestic of hardy plants, and a clump or line in any garden gives an effect not attainable with any other plant. For planting among shrubbery or forming a background for other flowers it is without equal. The seeds offered have been saved from the finest double flowers. Packet, 10 cents.

LARKSPUR. (Delphinum.)

The Larkspurs are showy annuals and perennials; beautiful border flowers. Foliage much divided, flowers in terminal spikes, blue, purple, white and red. The blue flowers are very brilliant. All grow freely in good soil. Mixed colors. Packet, 5 cents.

LOBELIA.

Very dwarf plants, growing four to six inches high and forming dense masses of flowers Of easy culture and well adapted for bedding, edging, pots or rookeries.

Finest Mixed Varieties. Packet, 5 cents.

LUPINS.

Mixed. Showy hardy plants from 2 to 3 feet tall. Packet, 5 cents.

MARICOLD.

Marigolds are showy annuals of easy culture. Mixed Double. (Tall French Marigold.) Packet, 5 cents.

MICNONETTE.

No annual is a more general favorite than the Mignonette. Its modest, sweet-scented flowers recommend it to every one. Of the easiest culture, it adapts itself to all situa-tions. Finds a place in the greenhouse or observatory, in a box or pot on the window in some narrow, pent-up alley, or in the open ground in the summer. Machet Dwarf. Large red. 6 inches. Packet, 5 cents.

FLOWERING MOSS or PORTULACA.

One of the most showy and beautiful of border flowers. The seed germinates freely and flourishes in almost any situation. Does not grow over six inches high. Anyone can grow it in any garden.

Grandiflora Mixed. Large flowers of 15 to 20 colors mixed. Packet, 5 cents.

Double Flowering. Mixed colors, very fine Packet, 10 cents.

MIXED ANNUALS FOR OLD FASHION WILD FLOWER CARDEN

Bright colored, summer flowering, easily grown, hardy annuals, in the greatest varieties. Packet 5 cents.

NASTURTIUM.

(See Cover.)

NICOTIANA (Flowering Tobacco).

A handsome genius of garden plants of the tobacco family; 3 feet high. Packet 5 cents

PANSY.

Pansies are the most popular of all the flowers grown from seed.

For summer blooming sow the seed in a box in the house or in a moderate hotbed in February or March. Sow thinly, or else transplant when an inch high to one or two inches apart. Give the plants air, so that they may not spindle up, and they may be hardened, for transplanting to the open ground, which may be done when spring has fairly opened. The soil may be any good garden soil, but the size and the beauty of the flowers will be much increased by a liberal amount of well-rotted manure (cow manure is best) well worked in. A light clay loam is best of all soils, but good results may be had from any except light, poor sandy soil, or heavy, wet clay. A little shade is preferable to an entirely exposed situation. Remember that very large flowers can only be grown in rich soil and with sufficient moisture.

Improved Trimardeau Giant. A desirable and very attractive strain. The plants are of compact, robust and free-flowering habit. The flowers of immense size, measuring four inches in diameter; of good substance and unsurpassable in beauty and variety of coloring. Per packet, 10 cents.

Fine French Mixed. Packet, 10 cents.

PHLOX.

Phlox Drummondii. In all its varieties of colors and shades, comprising most elegant annual border flowers blooming from July to November; should have rich, light soil. The seed may be sown in hotbed in March, and the plants planted out in June, or, when the ground becomes warm, may be sown where they are to stand.

Finest Mixed. Very choice; various colors. 1 foot. Packet, 5 cents.

PHLOX.

POPPIES.

Shirley Single. A new strain of exceeding beauty. Flowers large and elegant, ranging in color from blush white through innumerable tints to pinks and crimson. Many exquisitely shaded. Splendid for cut flowers. 5 cents per packet. Double Mixed. All colors, mixed 5 cents per packet.

PETUNIAS.

No plant is of more universal application than the Petunia. In the garden, conservatory or greenhouse it produces most beautiful flowers in great profusion. Will grow freely in any soil, but the richer the soil the better effect produced. Mixed colors. 2 feet. Packet, 5 cents

PERIWINKLE (Vinca), Packet, 5 cents.

PINKS.

They bloom continually all summer and fall until severe frost; they live over winter and bloom finely again the second season. Plants ten to fifteen inches high, and are of the easiest cultivation.

Chinensis. China or Indian Pink. Finest double mixed. Packet, 5 cents.

Heddewiggii. Double Japan Pinks. Fine collection of colors. Packet, 5 cents.

Imperialis. Double Imperial Pink. Fine mixed colors. Packet, 5 cents.

Finest Single. Mixed. Packet, 5 cents.

SALVIA (Flowering Sage.)

Of all the Salvias the Splendens is the brightest and best, well worthy of cultivation. Packet, 10 cents.

WALLFLOWER (Goldlack)

Well-known, deliciously fragrant, halfhardy annual and perennials, blooming early in the Spring, with spikes of beautiful flowers. They should be protected in a cold frame in the Winter and planted out in April. Single, Mixed. All colors. Packet, 5 cents

> SWEET PEAS. (See Cover.)

SALPICLOSSIS (Painted Tongue).

Easy culture; almost orchid-like flowers. Packet, 5 cents.

SCABIOSA or Mourning Bride.

They grow about $2\frac{1}{2}$ feet high and come into bloom early in July. Packet, 5 cents.

SNOW ON THE MOUNTAIN (Euphorbia). Packet, 5 cents. TEN WEEKS' STOCK.

Hardyannual; 1 foot high. Mixed. Packet, 5 cents. Canary Yellow, Double. Packet, 10 cents.

SWEET WILLIAM.

Double. Finest mixed. Very large flowers. Packet, 5 cents. **Single.** Finest mixed. Choice colors. Packet, 5 cents.

VERBENA.

No plant is more generally cultivated or more eagerly sought after than the Verbena, and no plant excels it for masses in beds on the lawns. They flower perfectly well from seeds sown in the spring. If started in the house in pots in winter, they will bloom sooner; but if sown in open ground in May they will bloom in August. Each plant will require a space of one foot.

Mammoth Mixed. Packet, 5 cents.

VIOLETS. (Viola Odorata.)

A great favorite, suitable for groups or borders; hardy perennial. Packet, 10 cents.

ZINNIAS.

A very showy plant, with large double flowers. Sow the seed early in the spring in open ground and transplant to one and one-half feet apart, in good rich soil. Half-hardy annual; one and one-half feet high.

Mixed Double. The colors run through all the shades of carmine, lilac, scarlet purple, crimson, yellow, to pure white. Packet, 5 cents.



VINES AND CLIMBERS. MORNING CLORY, CONVOLVULUS MAJOR.

New Imperial Japanese. The flowers are of gigantic size, measuring from four to six inches across. The colors are limitless in variety and very beautiful. Of easy culture and if sown early will produce magnificently. Per packet, 5 cents. Common, Mixed. Large packet, 5 cents, ounce, 15 cents.

MOON FLOWER.

At night and during dull days the plants are covered with an abundance of large, pure white, fragrant flowers, five to six inches in diameter. Is a rapid grower, and within a few months will grow as much as forty feet. To insure germination take a sharp knife and cut a small nick in the shell of each seed, and soak in lukewarm water for about four hours before planting.

Packet, 5 cents.

CYPRESS VINE.

An elegant climbing plant with beautiful fern-like foliage and masses of beautiful star like flowers. Fifteen feet. Half-hardy annuals. Mixed. Packet, 5 cents.

PASSION FLOWER.

Purple, violet and white. The Passion Flower is a half-hardy perennial; in favorable situations grows vigorously and produces a profusion of beautiful flowers. Twenty feet. Packet, 5 cents.

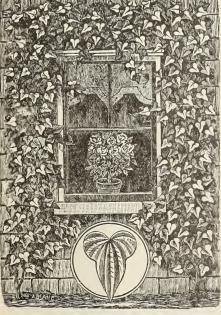
BALSAM APPLE AND PEAR.

(Mormordica.)

Luxuriant annual climbers, with large leaves, making dense shade. The flowers are followed by ornamental fruits of orange or copper color, which burst and expose an interior of red that is highly effective. Often used for their medicinal qualities. Each, per Packet, 5 cents.

COBÆA.

Scandens. Handsome bell-shaped flowers. Twenty feet. Packet, 5 cents.



CHINESE CINNAMON VINES.

WILD CUCUMBER.

For covering porches and trellises. Packet, 5 cents.

CHINESE CINNAMON VINES.

Most desirable, easily grown, rapid climber. Once planted will grow a life time. Beautiful and fragrant, white flowers, grows in shade or sun, in wet or dry season. No insects ever trouble it. No winter harms it. Plant any time up to June.

Price extra large bulbs, 3 to 5 inches long, 5 cents each; 50 cents dozen.

MADERIA or MICNONETTE VINE.

One of the finest plants for rapidly covering trellis work we know of. Unexcelled for rapid growth. A great bloomer. Very sweet fragrance. Two for 5 cents and 5 cents each.



IMPERIAL JAPANESE MORNING GLORY.

ORNAMENTAL COURDS.

Dish Cloth or Bonnet Gourd. Packet, 5 cents. Hercules' Club, Packet, 5. Dipper Gourd, Packet, 5c. Mixed Gourds, Packet, 5c

HYACINTH BEAN.

Splendid climber, purple and lilac flowers. 10 to 20 feet high. Packet. 5 cents.

SCARLET RUNNER.

Will grow to the height of 12 to 15 feet; profusion of scarlet flowers. Packet, 5 cents.

WISTARIA.

Hardy climbing plants, making a rapid growth, with purple flowers. Packet, 5 cents.

Price of any of these Bulbs **10 Cents Each** 3 for 25 cents.

SPRING BULBS.

On all Bulbs Postage Must be paid by Purchaser.

CANNAS.

something that cannot readily be seen; or thirdly from planting out to early, by which the same thing is caused. If anxious to have them bloom early in the summer they may be started in a hotbed or warm place in the house. Besides this they really will bloom as soon if planted in the open ground in a sunny spot the last of May as in ordinary treatment on the other plan. Rich soil, sun and moisture are required. Set bulbs with tops just above the ground.

Double Dwarf Pearl. Extra large Bulbs. 5 cents each; 50 cents a dozen

IMPORTED DUTCH BULBS.

In fall we expect to have a complete and well selected assortment of Dutch Bulbs direct from the best bulb growers in Holland, and

they are always first class in quality. Our assortment consists of Hyacinths, Tulips, Crocus, Narcissus, etc., all of which should invariably be planted in fall.





1925

CROZYS' EVER-BLOOMINC CANNAS.

Burbank. Rich canary yellow, lower petals spotted crimson. Six feet.

King Humbert. Scarlet flowers, bronze leaves, greatest favorite today. Height 4 ft.

Italia. Bright orange scarlet with broad golden yellow border. Height, 5 ft.

Alamania. Pleasing dark salmon with golden markings. Height, 4 ft.

Charles Henderson. Bright crimson, Height 4 ft.

Madam Crozy. Red with gold borders. Height 35 ft.

Luray. Large flower of rosy pink. Height 3 ft.

Egandale. Bronze leaves, red flowers. Height 4 ft.

THE TUBEROSE.

The frequent failures in getting blooms from the Tuberose come from three causesthe planting of bulbs that have already bloomed, or of those that having been too cold in winter have rotted in the center,

Farm and Garden Seeds.

THE CLADIOLUS.

Plant the bulbs four inches deep and six inches apart in rows one to two feet distant in rich soil, preferably a light one. Plant at any time from the first day of May to the middle of June, and as they grow tie them to sticks. If very dry, abundantly water them. In the fall when the tops are dead, take them up, pull off the old bulbs and throw them away and store the new ones in some dry place where they will not freeze.

A fine mixture of named varieties, none but the best kinds, at 50 cents per dozen; \$3.25 per 100

DAHLIA.

Single and Double. Named sorts of various colors, each 10 cents; 3 for 25c; 90c per doz.

CALADIUM.

(Elephant's Ear.)

The foliage of this tropical plant is of immense size. It is particularly striking when grown either single or in a group on the lawn, with Cannas in the center. Will flourish anywhere. 25 cents each.





BIRD SEED.

GLADIOLUS.

Spratt's

Cod Liver Oil

Food for Caged

Birds

20c Package

It is important to use good bird seed, and much sold in packages is inferior. Our stock is composed of the best imported, consisting of Sicily Canary, Russian Hemp, German Rape and Italian Millet.

Bird Manna. An invaluable food for birds. 15 cents, 2 for 25 cents. Bird Pies, 15 cents each. 2 for 25 cents.

Mocking Bird Food. 50 cents per pound.

Sunflower.

Cuttle Fish Bone.

Snow Drift Gravel for birds and gold fish. 10 cents per box, 3 for 25 cents.

Silver Gravel. 10 cents per box. Red Gravel. 10 cents per box. Bird Joy. Fine song Restorer 35 cents per box. Bird Bitters. A tonic for birds when out of health. Per bottle,

Bird Bitters. A tonic for birds when out of health. Per bottle, 25 cents.

Birdolene. Will keep your canary in health and song. 20 cents per box.

Canary High Ball. Promotes song, aids digestion, affords amusement and exercise. 15 cents each, 2 for 25 cents.

Fish Food. 10 cents per box.

Bird Baths. 15 cents each. Bird Cups. 10 and 15 cents each.

TRANSPORTATION CHARGES TO BE PAID BY PURCHASER

SWEET PEAS



Seed should be sown as early as the ground can be worked in the spring, to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a large quantity of well-rotted manure. Make a trench six inches deep; in this sow the seed and cover two inches deep. As soon as the plants begin to show through, fill the trench. This will secure a deep planting without the bad effect of deep covering of the seed at first, and so enable the plant to bloom continually through the heat of the summer. As the flowers come into full bloom or fade, they should be cut off. for if the pods are allowed to form the plants will stop blooming. Each of the following named varieties of Sweet Peas 5c. per packet, 10c. per ounce. Mixed, 5c. per packet, 10c. per ounce, 30c. per quarter pound, \$1.00 per pound.

AGNES ECKFORD BEAUTIFUL PINK. AMERICA — Bright cardinal and white striped.

APPLE BLOSSOM-Shaded pink and rose.

BLACK KNIGHT-Deep maroon.

BLANCHE BURPEE-Large white.

CAPTAIN OF THE BLUES—Purplish mauve blue.

FIREFLY-Bright crimson scarlet.

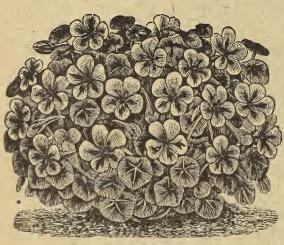
MAID OF HONOR-White, edged blue.

PRIMROSE-Pale primrose yellow.

TRY THE NEW SPENCER VARIETIES. Mixed or separate colors, 20c per ounce.

EVERLASTING, OR HARDY SWEET PEA.

Showy, free-flowering climbers for covering old stumps, fences, etc.; continually in bloom; fine for cutting. Hardy Perennial. Mixed colors, Packet, 5 cents.



NASTURTIUM.

NASTURTIUM.

Dwarf Varieties. The improved varieties of the Dwarf Nasturtium are among the most popular and beautiful of our garden plants. Their neat compact growth, rich colored flowers and free blooming and long lasting qualities, together with their adaptability to almost any soil or situation, make them unsurpassed for garden decoration. One foot. Packet, 5 cents; ounce, 10 cents.

Tall Varieties. Elegant and luxuriant climbers for verandas, trellises, etc., bearing their gorgeous flowers in profusion until killed by frost. May be used to cover unsightly railings and to trail over rough ground with fine effect. Four to six fect. Packet, 5 cents; ounce, 10 cents.

TRANSPORTATION CHARGES TO BE PAID BY PURCHASER