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Topeka Seed House,

1902(?)

Established in 1876 by S. H. Downs,

DOWN'S SEED & GRAIN COMPANY,

No. 306 Kansas Avenue,

TOPEKA, - KANSAS.

FRESH GARDEN SEEDS. FRESH FLOWER SEEDS.

All Kinds of Flowering Bulbs and Plants, Tube Roses,
 Hyacinths, Lillies, Dahlias, Moon Flowers, Gladi-
 olus, Grass Seed, Clover, Timothy, Millet,
 Japanese Buckwheat, Cane Seed,
 Seed Corn, Seed Oats.

— † GARDEN TOOLS † —





SLUG SHOT has an international reputation and demand. It is **SOLD BY THE SEED DEALERS OF AMERICA**. This article, after years of careful experiment, has become *an established general purpose Insecticide* suitable for scores of various uses, and our other preparations are of equal value in their spheres.

SLUG SHOT, Insecticide and Fertilizer, 5 lb. package, 35c.

"SCROFULARIA," for Carpet Beetles etc., package 25c.

THRIP JUICE, Liquid Insecticide for Scale Insects and Caterpillars, one half pint can, 50c.

CONCENTRATED TOBACCO EXTRACT, for Vaporizing, to destroy Aphides and Red Spiders, one half pint, 30c.

SWARD FOOD, a Fertilizer, and a good one for Grass, Vegetables, Flowers, etc., 5 cents per pound.

GRAPE DUST. Kills Fungus.

**Grape Dust Kills Mildew and Other Fungus on Roses,
Grapes, Gooseberries.**

The Little Giant Hand Broadcast Seed Sower.

It will distribute Flax and Clover Seed thirty-six feet to the round;
Wheat fifty feet to the round; Timothy Seed twenty seven
feet to the round; Oats thirty six feet to the round.

IT RECOMMENDS ITSELF ON SIGHT.

Fiddle Bow, \$1.50.

Crank, \$2.50.

Retail Price List of Seeds.

TOPEKA SEED HOUSE,

DOWN'S SEED & GRAIN CO.,

306 Kansas Avenue, Topeka, Kansas.

To our Patrons:

In presenting you our Catalogue, we desire to express our thanks for the very liberal patronage given our Seed House during the past; and we hope by continued efforts to furnish good seeds, by fair dealing and strict attention to the wants of our customers, to merit a continued share of your patronage.

The proprietor of the Topeka Seed House has been endeavoring for some years to supply the market with select varieties of Garden Seed suitable to this climate, procuring seeds direct from growers, and not only from growers of general varieties, but from growers who make a specialty of certain kinds of seed. We have procured for this season Long Island grown cabbage seed of all leading sorts, and some choice cabbage seed from Puget Sound, Washington.

We shall also have a fine stock of beans; a pure stock of Golden, Black and White Wax Beans, the Improved Valentine and all standard sorts.

We shall have a fresh stock of different kinds of Sweet Corn from the East and North, Watermelon seed from Florida, Potatoes of early sorts from the North.

Throughout the entire Catalogue of Seeds we shall endeavor to get fresh grown and pure stock of seeds.

We do not go into the seed market to purchase seeds as one purchases groceries, to get the cheapest. We buy seeds with reference to freshness and being true to name. We buy for quality first, cost next. If our seeds are higher priced than from other sources, it is because we have ourselves paid to get a good and pure stock.

It is an advantage to our customers to be able to get such seeds as they want, and in such quantities as they want, at all seasons, close to their own homes. If the first sowings are lost by stock or drought, there is a stock to replenish from.

We desire to call special attention to our FIELD SEEDS. We shall at all times have a good stock of Red, White and Alfalfa Clovers, and of Kentucky Blue Grass, Orchard Grass, Timothy and Red Top. We shall have Millet, Hungarian, Seed Buckwheat, and all other really useful Field Seeds in their season. We aim to keep abreast of the times in the introduction of any new species or varieties of Vegetables, Grains or Grasses.

In response to the demand, we have added FLOWER SEEDS to our list of seeds. We shall have among our Flower Seeds, as in Vegetable, all of the new valuable novelties of the season. We shall also have some of the rare novelties imported from Europe. Parties abroad ordering seeds from us, can now procure a selection of good new Flower Seeds.

No Warrantee.—While we test our seeds, and take every precaution that all seeds sent out shall be reliable, of good vitality and true to name, at the same time it must be distinctly understood that no seeds are sold with warranty, express or implied, and we will not be responsible for the crop in any way whatever. If the purchaser does not accept the seeds on these terms they must be returned at once, and the money paid for them will be refunded. There are too many contingencies of the weather, and insects to destroy, and many casualties to injure purity of seeds to make it possible to warrant them.

We shall take pleasure in giving to our patrons, at all times, such information as we may possess about the cultivation of Grains, Vegetables or Grasses.

We ask you to try our seeds.

Respectfully,

S. H. DOWNS.

ASPARAGUS.

	Pkt.	Oz.
Giant	5	10
Conover's Colossal	5	10

BEANS, (Dwarf.)

	Pkt.	Qt.
Early China Red Eye	5	15
Early Mohawk	5	15
Early Red Valentine	5	15
German Wax, black seeded	5	20
German Wax, white seeded	5	20
Golden Wax	5	20
Early Round Yellow Six Weeks	5	15

BEANS, (Pole or running.)

	Pkt.	Qt.
Dutch Case Knife	5	20
London Horticultural	5	20
Large White Lima, Burpee dwf.	5	30

BEET.

	Pkt.	Oz.
Bastain's Early Blood Turnip	5	10
Early Turnip Bassano, <i>true</i>	5	10
Early Blood Turnip	5	10
Egyptian Blood Turnip, <i>true</i>	5	10
Dewing's Early Blood Turnip	5	10
Eclipse	5	10
Long Dark Blood, <i>improved</i>	5	10
French White Sugar	5	10
Long Red Mangel Wurzel, per lb.	25	
Yellow Globe " " " "	25	

CABBAGE.

	Pkt.	Oz.
Jersey Wakefield, <i>common</i>		20
Early Jersey Wakefield, <i>true, best</i>	5	20
Early Large York	5	15
Henderson's Early Summer, <i>true</i>	5	20
Early Flat Dutch	5	20
Early Winnigstadt	5	20
Early Drumhead	5	20
Fottler's Brunswick	5	20
Red Dutch, for pickling	5	20
Late Flat Dutch	5	20
Large Drumhead	5	20
Marblehead Mammoth Drumhead	5	20
Excelsior Flat Dutch	5	25

CARROT.

Early Scarlet Horn	5	10
Long Orange	5	10
Large White Belgian	5	10
Half Long		10

CAULIFLOWER.

Henderson's Snowball	10	3 00
Extra Early Paris	5	1 00
Early Erfurt	10	3 00

CELERY.

	Pkt.	Oz.
Boston Market	5	15
Large White Solid	5	15
White Plume	5	15

CORN.

	Pkt.	Qt.
Early Minnesota Sugar, <i>very early</i>	5	15
Early Marblehead Sweet, <i>earliest</i>	5	15
Extra Early Naragansett		15
Early Concord		15
Early Cory		20
Shaker Early		15
Crosby's Extra Early Sweet	5	15
Egyptian Sweet	5	15
Mammoth Sweet	5	15
Stowell's Evergreen Sweet	5	15
Early Adams	5	15

FIELD VARIETIES.

	Qt.	Bu.
Extra Early Leaming, north'n seed		1 00
Chester County Mammoth		75
Yellow Dent		75
St. Charles' White, northern seed		1 00
Rice	20	
Yellow Golden	20	

BROOM CORN.

California Golden	Market price.
Dwarf Evergreen	"
Improved Evergreen	"

CORN SALAD.

	Pkt.	Oz.
or Fetticus	5	10

CRESS OR PEPPER GRASS.

Curled	5	10
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CUCUMBER.

Early Russian	5	10
Early White Spine	5	10
Early Frame	5	10
Early Short Green	5	10
Early Cluster	5	10
Improved Long Green	5	10
Small Gherkin, for pickles	5	10

EGG PLANT.

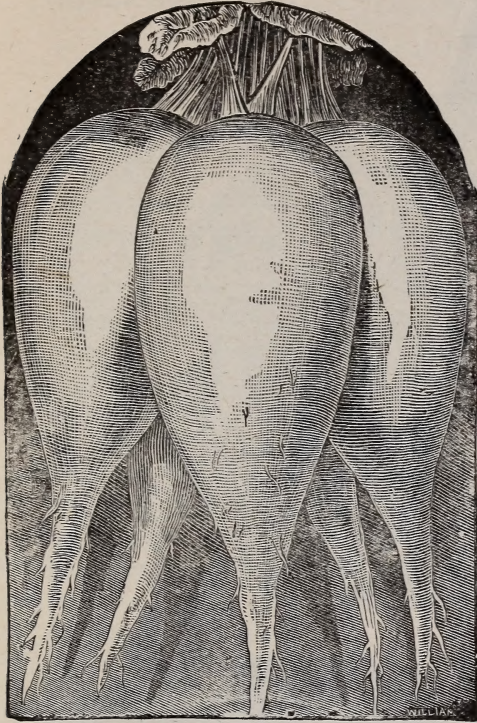
Early Long Purple	5	20
Large New York Purple	5	30

ENDIVE.

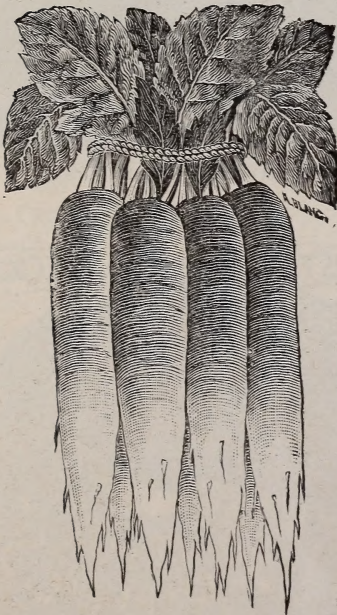
Green Curled	5	20
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GOURD.

Sugar Trough	5	20
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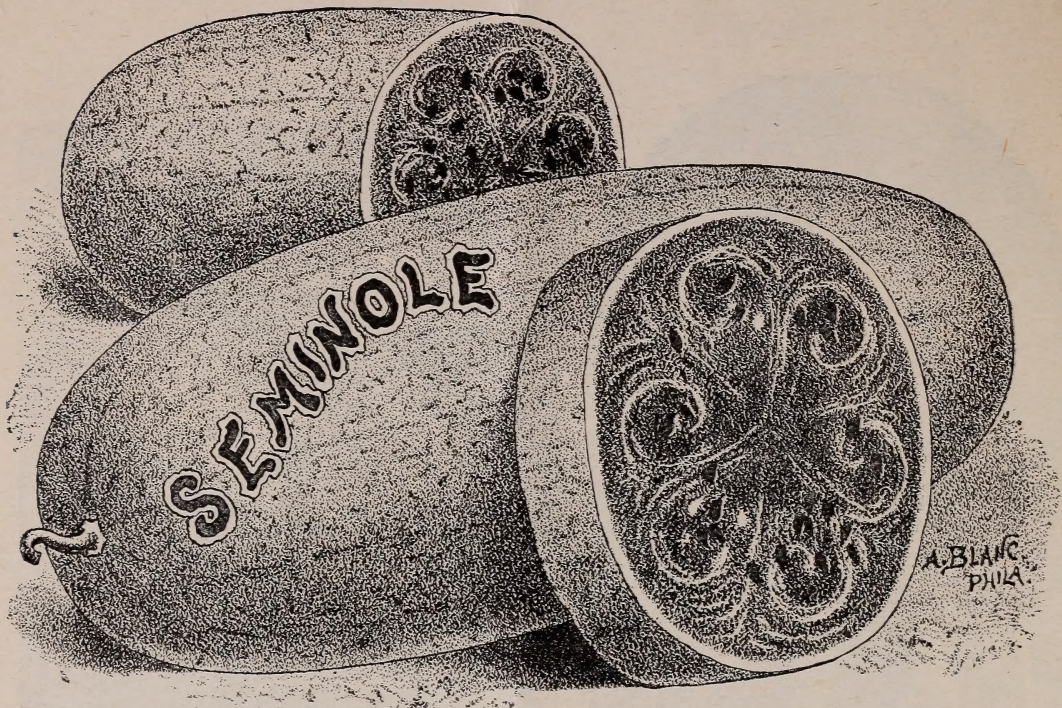


White Strasburg Radish.

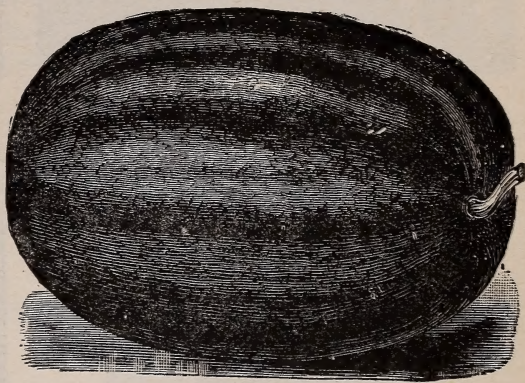


Chartier Radish.





THE BEST SHIPPING MUSK MELON



Mammoth Ironclad.



Giant Pepper.



KALE OR BORECOLE.

	Pkt.	Oz.
German Dwarf Green	5	15

KOHL RABI.

Early White Vienna	5	20
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LETTUCE.

Simpson's Early Curled	5	15
Boston Market	5	15
Philadelphia Butter	5	15
Ferry's Early Prize Head	5	15
Hanson	5	15
Early Curled Silesia	5	15
Frankfort Head	5	15

MELON, MUSK.

Hackensack	10	
Pineapple	10	
White Japan	5	10
Early Yellow Cantaloupe	5	10
Improved Cantaloupe	5	10
Skillman's Fine Netted	5	10
Green Nutmeg	5	10
Improved Large Green Nutmeg ..	5	10
Casaba, <i>extra fine</i>	5	10
Bay View	10	

MELON, WATER.

Haskill's Excelsior	10	10
Phinney's Early	10	10
Black Spanish	5	10
Long Island	5	10
Mountain Sweet	5	10
Mountain Sprout	5	10
Orange, <i>flesh separates easily from rind</i>	5	10
Ice Cream, <i>true white seeded</i>	5	10
Gypsy, <i>the largest</i>	5	10
Citron, <i>for preserving</i>	5	10
Dark Ice Rind	5	10
Light Ice Rind	5	10
Rattlesnake	5	10
Cuban Queen	5	10
Scaly Bark	10	
Iron Clad	10	
Kolb Gem	10	
Duke Jones	5	10

MUSTARD.

White English	5	10
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OKRA.

Dwarf Green	5	10
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ONION.

	Pkt.	Oz.
Extra Early Red	5	10
Large Red Weathersfield	5	10
Yellow Danvers	5	10
White Portugal	5	20
Globe Danvers		10

BULBS.

Top Onions, Yellow Bottom Sets, Red Bottom Sets, White Bottom Sets, market price.

PARSNIP.

	Pkt.	Oz.
Long Dutch Sugar	5	10
Hollow Crown	5	10

PARSLEY.

Carter's Fern Leaved	5	10
Fine Tripple Curled	5	10
Myatt's Garnishing	5	10

PEAS, EXTRA EARLY SORTS.

	Pkt.	Qt.
McLean's Little Gem	5	20
First and Best	5	20
Bliss Wonder	5	20
Alaska	5	20

EARLY SORTS.

Extra Early Philadelphia	5	20
Extra Early Daniel O'Rourke ..	5	20

LATE SORTS.

Juno	5	20
Cleveland's Stratagem	5	20
Champion of England	5	20
Large White Marrowfat	5	15
Large Black-eyed Marrowfat ..	5	15

FIELD SORTS.

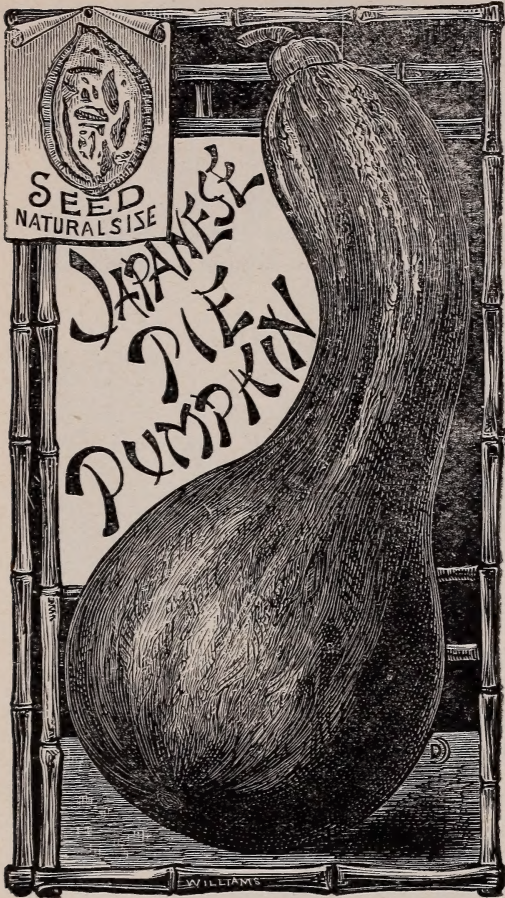
Common White Field, Early Crown, White Field, market price. Add fifteen cents per quart for postage on all varieties of peas and beans.

PEPPER.

	Pkt.	Oz.
Long Red Cayenne	5	20
Large Bell, or Bull Nose	5	20

POTATOES.

Beauty of Hebron, Early Snowflake, Extra Early Vermont, Burbank Seedling, Late Rose, Iowa Peachblow, Early Ohio, Brownwell's Beauty, Early Rose, Dunmore, Granger, LaBelle, White Star, White Elephant. Price of Potatoes given on application.



Improved Crookneck Squash.



Peach Tomato.

PUMPKIN.

	Per lb.
Large Yellow	20
Kentucky Field	15
Cashaw	

RADISH.

	Pkt.	Oz.
Early Long Scarlet Top	5	10
Early Long Scarlet	5	10
Early Round Deep Scarlet	5	10
Early Round White Tip	5	10
Early Scarlet Turnip, <i>French seed</i>	5	10
Golden Globe	5	10
New French Breakfast, <i>French seed</i>	5	10
Large White Naples	5	10
Chartier Beckert, improved	5	10

WINTER VARIETIES.

Scarlet China, <i>English seed</i>	5	10
Long Black Spanish	5	10
Long White Spanish	5	10
Cali. Mammoth White China	5	10

RAPE.

For Sowing	5
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RHUBARB OR PIE PLANT.

Victoria	5	15
Giant	5	15
Linnaeus	5	15

SALSIFY,

or Vegetable Oyster	5	20
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SPINACH.

Round Summer	5
Savory Leaved	5
Prickly Winter	5

SQUASH, SUMMER.

Perfect Gem	5	10
Early Yellow Bush Scallop	5	10
Early White Bush Scallop	5	10
Summer Crookneck	5	10

AUTUMN OR WINTER SORTS.

Improved American Turban	5	10
Marblehead, <i>true</i>	5	10
Boston Marrow	5	10
Winter Crookneck	5	10
Hubbard, <i>true</i>	5	10

SUNFLOWER.

Large Russian	5
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TOBACCO.

Connecticut Seed Leaf	5	30
Virginia	10	30

TOMATO.

Livingston Beauty	5	
Livingston Favorite	5	15
Livingston Perfection	5	15
Golden Trophy	5	15
Hundred Day	5	15
New Golden Queen	5	15
Early Conqueror	5	15
Canada Victor	5	15
Acme	5	15
Hathaway's Excelsior	5	15

TURNIP, WHITE FLESHED SORTS.

Early White Flat Dutch	5
Purple Top, Strap Leaved	5
Improved Purple Top, Mammoth	5
Large White Flat Norfolk	5
Pomeranean White Globe	5

RUTA BAGAS, OR SWEEDS.

Yellow Sweed, or Ruta Baga	5
D. M. Ferry & Co.'s Improved Purple Top Ruta-Baga	5

SWEET HERBS.

Anise	5	10
Coriander, for flavoring	5	10
Fennel Sweet	5	10
Majoram, Sweet	5	25
Rosemary	5	30
Savory, Summer	5	20
Thyme, English	5	30

BIRD SEED.

	Per lb.
Canary	10
Hemp	10
Rape	20

Grass and Field Seeds.

White Clover	Market price
Alfalfa	" "
Alsike	" "
Red Clover	" "
Mammoth Clover	" "
Red Top	" "
Orchard Grass	" "
Kentucky Blue Grass	" "
English Blue, or Rye Grass	" "
Hungarian	" "
Common Millet	" "
German Millet	" "
Buckwheat	" "
Central Park Lawn Grass	" "

The IRON AGE

Combined Seed Drill and Wheel Hoe

Price, \$9.00.



In designing our Seed Drill Attachment for the Double Wheel Hoe, we have kept in view simplicity of construction, convenience of adjustment and perfection of work.

The drill attachment is complete in itself, and when put in place requires but two bolts to secure it; the single wheel is then put in position, the chain run on and the drill is ready for operation. The seed slide and its index adjustment to sow the various seeds is similar to that used on our well known New Model Seed Drill, while the agitator is simply a revolving brush of selected bristles, which will not injure the seed, and will wear a long time.

The brush agitator will be found to be peculiarly adapted to feeding out such seeds as beets and tomatoes, it separating the seeds that may be clinging together and acting as a gentle force feed.

The opening plow is adjustable in depth and also reversible, one end being wide for onion seed and the other narrow for placing the seed in a close, straight line.

The Combined Drill includes all of the attachments shown in the cut and we claim that any one buying it possesses at once the most complete and perfect tool possible.

It is a Perfect Seeder, and is readily converted into a first-class Two Wheel Cultivator—as shown in cut—or can be set up as a One Wheel Cultivator.



STRAWBERRIES.

	Per 100
Edgar Queen	1 50
Warfield	60
Gandy	60
Wood	60
Eureka	60

FRUIT TREES.

APPLE.

	Each.	Doz.
2 year old, 4 to 6 ft., extra	20	2 00
2 year old, 4 to 5 ft., No. 1	15	1 50
2 year old, 4 to 5 ft., No. 2	10	1 00

PEAR.

2 year old, standard, 4 to 5 ft.	30	3 00
2 year old, dwarf, 3 to 4 ft.	25	2 50

CHERRY.

2 year old, 4 to 5 ft., No. 1	25	2 50
2 year old, 4 to 5 ft., No. 2	20	2 00

PLUM.

2 year old, 4 to 5 ft.	20	2 00
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PEACH.

2 year old, 4 to 5 ft.	10	1 00
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APRICOT.

2 year old, 4 to 5 ft.	15	1 50
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PINE TREES.

	Each.
Scotch or Austrian Pine, 2 to 3 ft.	35
Red Cedar	50
Juniper	50
Arbor Vitae	35
Arbor Vitae, Chinese	75

Write for prices on large lots.

FOREST TREES.

Catalpa, 10 ft	30
Soft Maple, 6 ft	15
Weeping Mt. Ash, 7 ft	30
Cut Leaf Weeping Birch, 7 ft.	75
Poplar, 8 ft	40
Catalpa Seedlings	50
Soft Maple	50
Russian Mulberry	75
Locust	50

Special prices given on large lots.

EVERGREEN TREES.

We have a fine assortment of Pine, Spruce, Fir, Cedar and other varieties, from 35 cents to \$2.50 each.

Pyramid Arbor Vitae, 2 to 3 ft., suitable for cemetery, 50 cents each.

ROOTS.

Rhubarb, large roots, per doz.	35
Rhubarb, large roots, per 100	2 50
Asparagus, 2 years old, per 100 ...	50
Asparagus, 2 years old, per 1000 ...	3 50
Artichokes, per bu.	1 00

For all Roots, Bulbs, Flowering Shrubs, Forest Trees, Fruit Trees, and Vines, write for special prices.

FLOWERING SHRUBS.

EXOCHORDA, Grandiflora.

A large-growing bush with wide-branching habits, making a growth of 10 feet high, and is perfectly hardy. The flowers are pure white with delicate fragrance; closely related to the rose. Foliage is bright and stays on till late in the autumn. Price 35c

TREE PÆONY.

Hardy. Dark green foliage; very large flowers of gorgeous colors, varying from white to pink and crimson. Price 75c

AZALEAS, Mollis. Japanese.

Perfectly hardy. A new species, of low, broad growth with very large, showy blossoms of all shades of red, white, yellow and orange. Shrubs six years old. Price 75c

AZALEA, Arborescens.

A large, spreading Azalea, growing 8 feet high, with handsome, dark green foliage, producing large white and rose tinted blossoms late in the summer when other azaleas are out of bloom. Hardy at 20 deg. below zero. Price \$1.00

HIBISCUS, Syriacus-Althea.

ROSE OF SHARON.

Blooms during the last half of the summer. Its great flowers are of the brightest colors, red, crimson, purple, pink, blue and white. Grow 5 to 6 feet.

Price 25c to 50c

HYDRANGEA, Paniculata Grandiflora.

Perfectly Hardy. Large masses of white bloom. Bears bloom first season in August. Price 25c

HYDRANGEA, Vestita.

Blooms June 1st to December. Will grow 4 to 6 feet high. Price 50c

TREE HYDRANGEA.

Will grow 5 to 6 feet. Hardy. Price \$1.25

PAVIA, Atrosanguinea.

Low-growing Horse Chestnuts. Grow to 5 or 6 feet, with rich glossy foliage and spikes of showy flowers. In autumn the pretty nuts in their glossy cases make them a genius of shrub not surpassed for beauty of foliage, fruit or flowers. Second only to Rhodendron in beauty of display. Price 75c

CÁLYCANTHUS, Sweet Scented Shrub.

The wood is fragrant, foliage rich, flowers of rare chocolate color, having a peculiar, pleasant odor. They blossom in June and at intervals afterwards. Price 25c to 50c

DEUTZIA, Gracilis.

A handsome dwarf shrub from Japan. Flowers pure white and appear very early. In bloom by Decoration Day. Price 25c

ROSA RUGOSA, or Japan Rose.

Of recent introduction from Japan. It has abundant, large, vigorous, handsome, dark green, glossy foliage of great richness and beauty—perfectly hardy and grows from 4 to 5 feet high. The flowers, which are produced freely all summer, are single and with five petals. The color is a rich rosy crimson, enhanced in beauty by the numerous stamens. The flowers are succeeded by large clusters of bright crimson-scarlet fruit, nearly two inches in diameter. . . . Price 50c to \$1.00

SNOWBALL.

A popular shrub of large size, with large spherical clusters of snow white balls of bloom in June. . . Price 25c to 50c

WEIGELIA, Rosea.

En elegant shrub, with fine rose colored flowers, of erect compact growth; blossoms in June. Price 25c

PYRUS, Parkmanii.

One of the most ornamental flowering shrubs. Will grow 16 feet high and be as broad. Hardy, and a free bloomer; flowers much like a Tea Rose, of a pink and carmine color. Price 75c

SYRINGIA, Japonica.

A tree Lilac. A smooth, straight trunk, will grow 15 feet high. Price 50c

RHODENDRONS.

Broad leaved evergreen shrub. Bears large bunches of pink and white flowers during May or June. No other such shrub for foliage and flower effects exists as this shrub, and is absolutely hardy from Vermont to Georgia. . Price \$1.00 to \$1.50

ROSES.

Two years old, out doors grown.

EVER BLOOMING ROSES.

Meteor, rich dark velvet crimson, monthly
Papa Gontier, red tea.
Perle Des Jardines, double yellow.
Mme. De Watteville, white and salmon.
Souvenir de un Ami, double, rose and salmon.
Catherine Mermet, bright creamy pink.
Marie Guillot, white and lemon.
Bon Silene, deep rose and carmine.
Hermosa, very fragrant pink, constant bloomer.
Niphetos, pure white tea.
La France, bouble, silvery pink.
Paul Neyron, deep clear rose.
Anna De Deisbach, bright rose, large.
Magna Charta, bright red.
Mad. Chas. Wood, crimson.
Marshal P. Wilder, double, crimson red.
Perle Des Blanchés, pure white.
Henry Martin, moss, pink.
Madame Plantier, pure white.
Gen. Jacqueminot, rich crimson.
Red Malmaison, deep carmine red.
Duchess of Edinburg, deep red.
John Hopper, bright rose.
Gen. Washington, crimson red.
Gloria de Margotten, red.
American Beauty, deep pink.
Kasorin Augusta Victoria, large white, free bloomer.
Clotilde Soupert, white and pink, blooms all summer.

Clio, flesh color, large, continuous bloomer.
 Margaret Dickson, white, iron clad, continuous bloomer.
 Marchoness Downshire, large pink, continuous bloomer.
 Mrs. R. G. Crawford, deep rosy pink, continuous bloomer.
 Mrs. John Lang, pink, continuous bloomer
 Coquette Des Blancs, cream white, continuous bloomer.
 Mrs. De Graw, pink, large, continuous bloomer.
 Marchoness of Lorne, rose color, continuous bloomer.
 Caroline Marniesse, blush white, continuous bloomer.
 Mary Washington, white, hardy, continuous bloomer.

HARDY CLIMBING ROSE.

Baltimore Belle, pale blush, nearly white.
 Prairie Queen, bright rosy red.
 Russell's Cottage, double dark crimson.
 Seven Sisters, crimson white.
 Tennessee Bell, rosy blush.
 Washington, pure white.
 Rambler, crimson, pink, white and yellow.
 Empress of China, pink, continuous bloomer.

MEMORIAL ROSE.

A trailing species of rapid growth, creeping on the earth like ivy. Single, pure white. Excellent for cemetery planting. Will adapt itself to any kind of soil, and will do well in either shade or sun. Nothing better for covering embankments, mounds or rockeries.

SWEET BRIER.

Prized for the fragrance of its leaves and young branches. Perfectly hardy.

TREE ROSE.

The tree roses are grafted on hardy rose stalks, 4 to 5 feet high, and when in full bloom are objects of great beauty.

Hardy Vines and Creepers.

AMPELOPSIS, Veitcheii.

Japan Ivy, or Boston Ivy. Foliage three-lobed, glossy, overlapping each other and forming a dense sheet of green.

When once rooted it grows rapidly and climbs by its air roots like the English Ivy. In the fall it is a flame of crimson of all shades. Price 25c

BIGNONIA, Grandiflora.

Trumpet Flower. Leaves thick and shiny, and immense blossoms of gorgeous crimson and yellow color. Price 25c

AMPELOPSIS, Quinquefolia.

Virginia Creeper. Our well-known woodbine. Strong grower. Price 25c

WISTERIA, Sinensis.

Chinese blue. Exceeding rapid grower and profuse bloomer. The flowers are of a pale blue color and are borne in pendulous racemes in May and June. Price 25c

WISTERIA, Sinensis Alba.

Chinese white. Very similar to the blue, except the flowers are white and remain somewhat longer in bloom.

Price 25c

HONEYSUCKLES, Halleana.

Hall's Japan Evergreen. An almost evergreen honeysuckle of the greatest value, being entirely hardy, and of strong vigorous growth. The flowers are exceedingly fragrant, of pure white changing to yellow, and are produced in profusion from May to December. One of the best. Price 25c

CLEMATIS, Flammula.

Virgin's Bower. Flowers in masses, small, white, and very fragrant. A very strong growing vine, especially valuable for covering trellises or other objects.

Price 35c

CLEMATIS, Paniculata.

New and rare. A native of Japan, quite hardy and one of the best. Very vigorous, growing 10 to 12 feet high, and will quickly cover a trellis with dense foliage. The flowers, which are white and sweet-scented, cover the vine from top to bottom in a mass of bloom, July and August. Price 35c

CLEMATIS, Alba Magnis.

Large white flowers. Prices 60c

CLEMATIS, Davidianna.

Blue flowers. Blooms August and September. Price 50c

CLEMATIS, Jackmanii.

Large purple flowers. Price 50c

CLEMATIS, Alba.

Large white flowers. Price 50c

CLEMATIS, Graveolens.

Heavy scented, strong climber, fine foliage, blooms all summer. Flowers yellow, 1½ inches in diameter. Grows about 5 feet. Price 50c

FLOWER SEEDS.

Flower Seeds of all kinds put up from our selected stock of bulk seeds, 5c per package; six kinds 25c; ten kinds 35c.

Heliotrope, Hollyhock, Larkspur, Lobelia, Marigold, Mignonette, Morning Glory, Nasturtium (tall), Nasturtium (dwarf), Pansy, Sweet Pea, Phlox, Pink, Portulaca, Smilax, Verbena, Ageratum, Sweet Alyssum, Aster, Balsam, Bachelor Button, Baloon Vine, Candytuft, Cineraria, Clarkia, Cypress Vine, Four O'Clock, Zinnia. Above are a few of many kinds and varieties.

Summer Blooming Bulbs.

	Each.
Tuberose	5
Dahlias, all colors	5
Gladiolus	5
Caladiums	15
Cannas	5
Cinnamon Vine	10
Hyacinths Candicans	10
Maderia	5
Crinum	50
Riveri	50
Jasmins	25
Brumansia	15
Trigridia	5

FLOWERING PLANTS.

Geraniums, single and double ivy leaved.	10
Carnations	10
Moonflower, tuberous rooted	20

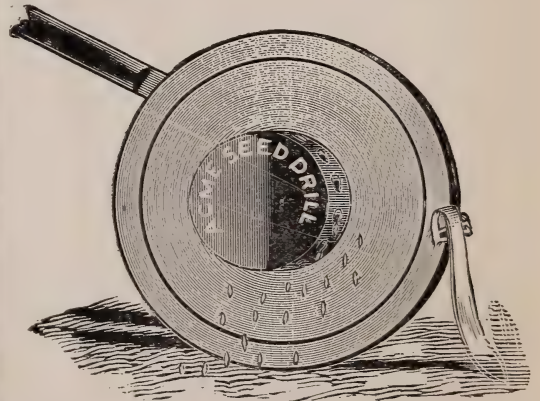
Begonias	10
Hibiscus	20
Abutilions, yellow, red and white	10
Coleus, all shades	5
Cyclamen	30
Fushias	10
Manetta Vine	10
Hydranges	25
Heliotrope	15
Grand Solanum Jasminoides	20
Single Petunias	10
Double Petunias	20
Pansies	5
Verbenas	5
Primroses	20
Azalea, double	1 00
Azalea, single	75
Hardy Orange	40
Candidum Lillies, 4 inch pot	20
Harrisi Lillies, 4 inch pot	20
Calla Lillies, 6 inch pots	50

VEGETABLE PLANTS.

All kinds of Vegetable Plants in their season. Cabbage, Tomato and Sweet Potato plants in any quantity.

The Eureka Hand Seed Drill,

for the Kitchen Garden and the Hot Bed.



It will sow and cover Beets, Cabbage, Carrots, Celery, Lettuce, Onions, Radishes, Turnips, Spinach, and all such seeds with the greatest regularity. The quality of work equals that done with the costly machines and infinitely better and faster than hand work.

Delivered at any Express office for \$1.25.

Address,

DOWN'S SEED & GRAIN CO.,

Topeka, Kansas.

**POULTRY SUPPLIES, OYSTER SHELLS, STOCK FOOD
AND FERTILIZERS**

Should be used by every poultry keeper. The results will surprise you.

GRANULATED BONE. Indispensable in the poultry yard.

BONE MEAL. For young chicks, or a good fertilizer, especially for roses.

CRYSTAL GRITS. Good for poultry.

LEE'S LICE KILLER. A perfect and sure remedy for insects on poultry and stock of all kinds. Easily applied by simply painting the roosts with it.

PRATT'S POULTRY FOOD.

CONDIMENTAL STOCK FOOD. Excellent all-round medicine for out-of-condition horses and cattle.

GERMOZONE. An excellent deodorizer and disinfectant. A sure destroyer of Bacteria germs. Non-poisonous. Put a little of this in the water your hogs drink and prevent cholera and other diseases.

We have a line of

STURTEVANT'S POULTRY SUPPLIES.

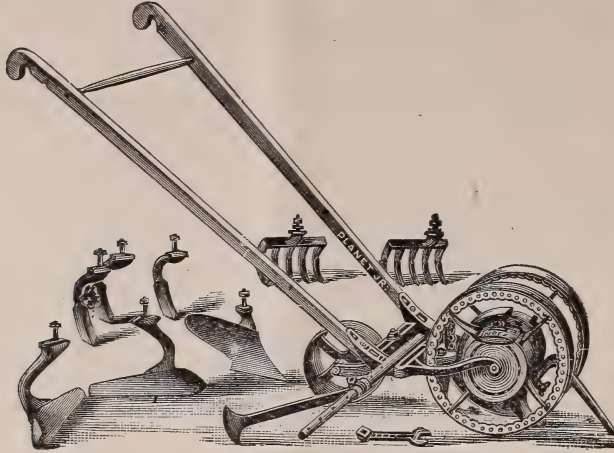
EGG MAKER. POULTRY CURE. THANOLICE. PEERLESS
RAT PASTE. ROSE INSECTICIDE.

Order enough to go by freight if possible. By mail a 10 cent package takes 5 cents postage; a 25 cent package, 10 cents postage.

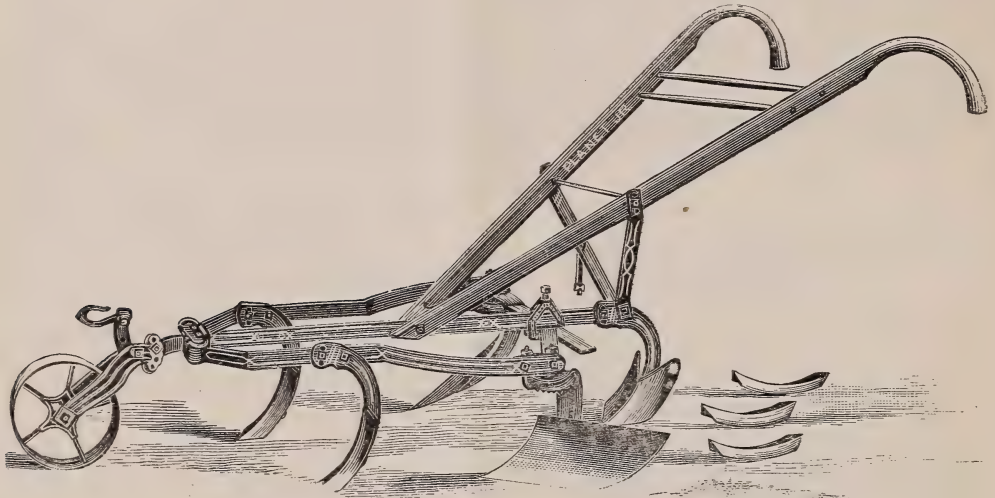
PRICES.

Oyster Shell, 50 pounds 60 cents, 100 pounds	\$1.15
Oyster Shell in less amounts, per pound02
Coarse Bone or Bone Meal, per pound 3 cents, per 100 pounds	2.00
Crystal Grits, per pound 2 cents, per 100 pounds	1.25
Lee's Lice Killer, 1/2 gallon can 50 cents, gallon can75
Pratt's Poultry Food, per packet 25 cents, 12 pound sack	1.25
Sturtevant's Egg Maker, per package10 and .25
Sturtevant's Poultry Cure10
Sturtevant's Rose Insecticide10
Sturtevant's Thanolice, sure death to all kinds of vermin10
Condimental Stock Food, per pound10
Rat Paste, per package15
Slug Shot, 5 pound package30

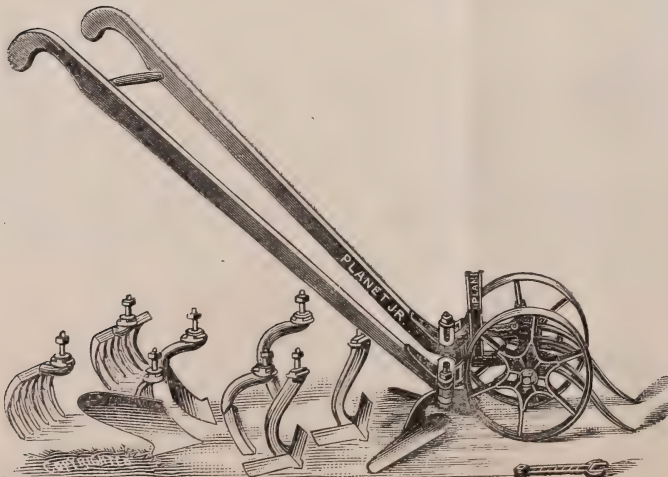
PLANET COMBINED DRILL AND CULTIVATOR,



Planet Jr. Combined Drill and Wheel Hoe	\$9.00
Planet Jr. No. 2 Drill	7.00
Planet Jr. Double Wheel Hoe and Cultivator.....	6.00
Planet Jr. Plain Double Wheel Hoe, Two Weeders.....	3.00
Planet Jr. Combined Horse Hoe and Cultivator with Lever Wheel and Lever Expander	7.00



PLANET HORSE HOE.



Planet Double Wheel Hoe and Cultivator.

Planet Repairs.

We have an assortment of Planet Jr. repairs, and can get you whatever we have not on hand. In sending for repairs, send with the description of the piece wanted, the number or letter on the casting.

TOPEKA SEED HOUSE.

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## PRODUCE DEPARTMENT.

For our Gardeners and Fruit Growers we have established a  
department for

### Shipment of Fruit and Vegetables.

We shall be prepared to fill all orders from the trade for Fruit  
and Produce, and ship with promptness.

Address,

TOPEKA SEED HOUSE, 306 Kansas Avenue,  
TOPEKA, KANSAS.

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Best Meals in the City  
for the Money.


Special Attention to  
Commercial Men.

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# DUTTON HOUSE,

A. H. BOYD, Manager,

Fourth and Kansas Ave.,

Rates, 

\$1.25 per Day.

TOPEKA, KANSAS.

**EXCELSIOR SPRAYING OUTFIT No. 9.**

It stirs the liquid automatically and will spray 100 trees an hour. With this outfit is furnished 8 feet of discharge hose and Excelsior Nozzle, which can be regulated to throw any desired spray wanted, a suction pipe with a strainer at the bottom to prevent leaves and dirt from entering the pump, and 3 feet of return hose with nozzle attached, which, while pumping, supplies a continuous stream, forcing against the bottom of the barrel, thus keeping the liquid well mixed, which is very essential in order to secure best results and preventing burning of the foliage. Additional lengths of hose furnished at 12 cents per foot.

Price complete, without barrel, \$10.

**EXCELSIOR SPRAYING OUTFIT No. 19.**

For a good, cheap outfit, this is unquestionably the best on the market, both as regards the material used in the construction as well as the price at which it is sold. The cylinder, and in fact all the working parts are brass, being thus constructed of material that will resist the action of fungicides. The nozzle furnished with this outfit can be regulated to throw any desired spray as wanted. For spraying, it is arranged so it discharges a fine jet at bottom of bucket to keep the solution thoroughly mixed and agitated, a feature peculiar to this pump. It is provided with a large air chamber and has a valve at the bottom between the cylinder and air chamber, whereby the pressure is held uniformly in the air chamber and on the hose so that the nozzle throws a constant, continuous, even spray at all times, and is not affected by the movements of the plunger, and the operator is enabled to keep a constant pressure on the nozzle from 50 to 100 pounds with very ordinary exertion. This pump will throw a solid stream 50 feet, and is without doubt the best cheap spraying outfit on the market. It is very convenient for spraying flowers, roses, etc.

Price complete, \$4.50.

**FOR APPLE TREES**

use one pound of London Purple to 150 gallons of water. London Purple, 20 cents per pound.

Full instructions given with each pump for spraying Grapes, Plums, Pears, Cherries, and Currants.

# FORMULAS

**Bordeaux Mixture**—Formula: The “Normal” or 1.6 per cent. Copper Sulphate, six pounds; Quicklime (unslacked), four pounds; Water, forty-five gallons.

If air slacked lime is used in place of the fresh article, double the amount should be used; but the fresh is much more reliable. By combining the copper and lime it is found that the copper sulphate may be used more freely and with less injury than if used alone, and that it will adhere a long time to the foliage.

To make the Bordeaux Mixture, dissolve the copper in hot water (or if placed in a coarse sack or basket, and suspended in a tub of cold water, it will dissolve in two or three hours, while if put in cold water on the bottom of a tub or vessel, remains undissolved for a long time), then in a separate tub slack the lime thoroughly, and when both are cold, pour the two together, stirring constantly. Dilute with water to make forty-five or fifty gallons of liquid. Before using, the mixture should be strained through a burlap or fine wire strainer to take out the coarse particles of lime.

If insects are found attacking the plants or trees to be treated for fungous growth, Paris Green may be added to the Bordeaux Mixture at the rate of one pound to 100 or 200 gallons of the mixture, and the lime will prevent this large quantity of Paris Green from burning the foliage and two pests be destroyed by one spraying.

In spraying peach trees use about onethird more water.

**Ammoniacal Carbonate of Copper**—In conspicuous places and on fruits just before ripening, the Bordeaux Mixture is objectionable on account of the deposits of lime and copper that remain on the foliage or fruit, and therefore, the above form of copper is used under such conditions. It is equally effective with the Bordeaux Mixture while it remains on.

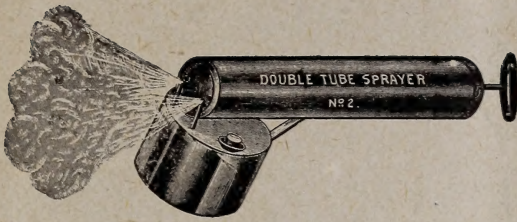
Formula: Three ounces copper carbonate, three quarts ammonia, or sufficient to dissolve the copper; the quantity depending upon its strength. When used, dilute to make twenty-five gallons of liquid.

**Kerosene Emulsion**—Formula: One-half pound common bar soap, two gallons of water, two gallons of common kerosene. Dissolve the soap in hot water; while still hot add the kerosene and stir vigorously until a soft soap or cream-like substance is formed. When cold, dilute with water to make from ten to twenty-five gallons of liquid. This is used for the destruction of sucking insects, like aphides (Plant-lice), scale insects, etc. Always use soft water.

Paris Green alone can be safely used only at the rate of one pound to 250 to 300 gallons of water; if, however, two pounds of lime is slacked in water and added to twenty-five gallons of water, at this rate one pound of Paris Green can be used in 100 gallons of water without injury to the foliage.

To prevent Mildew use one-half ounce Potassium Sulphide to one gallon of water.





### A CHEAP SPRAYER

For Garden and House Plants, Small Fruit and Vines. A great saving in use of Paris Green or any insect destroyer, either powder or liquid.

PRICE: Same as cut, double stream, copper.....\$1 00  
 Single stream, tin..... 50

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### FERTILIZERS.

BONE DUST, per pound..... \$ 05  
 NITRATE SODA, per 100 pounds ..... 3 00  
 LAND PLASTER, " " ..... 1 50  
 BOWKER'S FOOD FOR FLOWERS, per package..... 15 and 25  
 FLORIST'S FOOD FOR PLANTS, per pound. .... 15

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### SWARD FOOD.

For Lawns; free from all unpleasant odor. Its action is quick and lasting: far superior to manures of any kind, which, used on lawns, are unsightly, unpleasant and fill the lawn with weeds.

Sward food is unexcelled as a fertilizer for Flowers and Garden Vegetables. 5 pound package 25 cents.

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### SPECIALTIES.

Plant Bed Cloth, heavy grade, per yard..... 11  
 Dibbers ..... 30  
 Floral Tools, set of 4 small ..... 50  
 Hoes.....20c, 40c and 60  
 Plant Labels, per 1000..... 50

Berry Box Material, Peach Crates, Peach Baskets, Grape Baskets,  
 Flower Pots and Vases, Hanging Baskets, Wire Stands,  
 Trellises and Window Brackets.

# TOPEKA SEED HOUSE,

TOPEKA, KANSAS.

We Have All Kinds of Flower Seeds.



Flowering Bulbs, Plants, Fruit Trees and Grape-vines.

Address, S. H. DOWNS, Manager,

306 Kas. Ave., Topeka, Kansas.