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62.35



Haskell Implement & Seed Co.
1918 • CATALOG • **1918**
LEWISTON MAINE

READ CAREFULLY BEFORE ORDERING

All prices in this catalogue, owing to uncertain market conditions, are subject to change without notice. Should we be required to replace the merchandise we now have on hand (listed in this catalogue) on present market, there would have to be a higher price than our catalogue price to the purchaser. On the other hand, should such a condition exist that replacement reduced the cost to us, we will gladly reduce in proportion, the price to our customers. This policy applies to all grain, grass, vegetable and flower seeds as well as all other items quoted herein. WE DELIVER all Vegetable and Flower Seeds when bought at the packet, ounce, $\frac{1}{4}$ pound, $\frac{1}{2}$ pound or one pound prices, but when seeds ordered are listed in pints and quarts, postage should be added at the rate of 5 cents per pint and 6 cents per quart. Each additional quart add 2 cents. In all other cases goods will be SHIPPED F. O. B. LEWISTON:

No charge for packing, unless otherwise stated. Bags will be charged for as follows: 2 bushel bags, 40 cents; $\frac{1}{2}$ bushel bags, 15 cents; peck bags, 12 cents; $\frac{1}{2}$ peck bags, 10 cents.

We give no warranty expressed or implied, as to description, quality or productiveness of our seeds, and in sending them out, will in no way be responsible for crops or lack of satisfactory product from our seeds. If the purchaser does not accept the goods on these terms, we must be notified at once, when we will give full instructions for disposition of such goods. This is the invariable rule of reliable business houses.

We do, however, purchase our seeds from reputable growers and employ every means, taught us from years of successful dealing in seeds, to insure proper grading and purity. Seeds are tested by our experts before offering them for sale, so we are as reasonably sure of their germination as nature and science permits of assurance.

PARCEL POST INFORMATION ON PAGE 10

NOTE—We would deem it a great favor if our customers, or those wishing to remain on our mailing list, thereby receiving our catalog, would inform us of change in address.

HASKELL IMPLEMENT & SEED CO.

UNION SQUARE
LEWISTON, MAINE

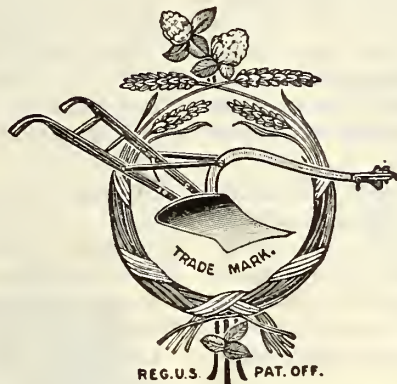
NEW ENGLAND TELEPHONE

PRIVATE LINES 27 and 28

Haskell Implement & Seed Co. Nineteen Eighteen Catalogue

of

Choice Farm, Garden and Flower Seeds



Dairy and Poultry Supplies, Wooden Ware, Hardware
Galvanized Ware, Brooms, Brushes, Fencing
Garden Seeders and Cultivators, Pumps
and Spraying Outfits, Paints, Oils

“THE FURROW”

If you will send us your name and address we will send you The Furrow FREE for one year. This is a paper published in the interest of better farming and contains much useful information on farming and soil culture, also valuable Household Hints for the housewife with a lot of entertaining reading for the younger members of the family.

HISCO
Trade Mark
Quality—Service—Worth

United States Food Administration License No. G 37955

Haskell Implement & Seed Company
Union Square—Lewiston, Maine

CHOICE FLOWER SEEDS

GENERAL LIST

Postage Prepaid on all Flower Seeds in Packets at Prices Quoted.

SPECIAL INDUCEMENTS

When the money accompanies the order, purchasers of Seeds in packets at catalogue prices may select 25 cents' worth extra packets for each \$1.00 sent. Thus anyone enclosing \$1.00 may order seeds in packets amounting to \$1.25. Two dollars sent to us with the order will pay for seeds in packets amounting to \$2.50 and so on. This offer does **not** include seeds in collections, by weight or measure, bulbs, plants, or anything **excepting seeds in packets.**

Plants are generally known and described as Annuals, Biennials, and Perennials. The term annual is applied to plants which flower and ripen their seeds the same season. Hardy annuals are those which may be sown in the open ground. Half hardy annuals are those which should be started in the house and transplanted to the garden. The term biennial is applied to plants which flower the second season after planting and then perish. The term perennial is applied to plants which flower the second season after planting, and continue to flower year after year.

Acroclinium. (Everlasting) hhA Pretty Everlasting Flower, fine for winter bouquets. The flower should be gathered when young.

Double White Pkt., .05
Double Pink Pkt., .05

Adonis. Showy, popular border flowers, remaining a long time in bloom.

Aestivalis. "Flos Adonis." Flowers scarlet. Hardy annual. 1 ft. Pkt., .05

Ageratum. (Floss-Flower.) hA. Blossoms continually throughout the summer. Highly prized for bedding out, and valuable for winter blooming indoors.

Imperial Dwarf. Dark blue. 9 in.; good for edging. Pkt., .05

Alyssum. Very hardy, free blooming dwarf plants, all varieties growing freely in common soil. The pretty, fragrant flowers are much prized for bouquets; excellent for the summer garden.

Saxatile Compactum. Yellow flowers; fine for borders. Perennial. Pkt., .05

Little Gem. White. They grow but three or four inches in height, very compact, of spreading growth, each plant often forming a circle a foot in diameter. Pkt., .05

Amaranthus. Ornamental foliage. Very striking and effective decorative plants. Sow early and set out young plants early in June. Annual.

Tricolor. Mixed—Carmine scarlet, splendid variety. 4 to 5 ft. Pkt., .05

Antirrhinum. (Snapdragon.) Beautiful, hardy, free blooming plants for summer and fall. Flowers the first year from seed as annuals and should be treated as such. Average height, 1½ feet.

Crimson Pkt., .05
White Pkt., .05
Finest Mixed Pkt., .05

ASTERS

(Half Hardy Annuals)
Tall Varieties.

American Branching. A free growing Aster of robust, erect habit, producing large, feathery blossoms resembling Japanese Chrysanthemums; one of the finest for cutting. Height 3 feet.

Crimson Pkt., .10
Dark Blue Pkt., .10
Lavender Pkt., .10
Rose Pkt., .10
White Pkt., .10
Finest Mixed Pkt., .10



Alyssum

Semples Branching. A superior and free flowering class. The flowers are large with graceful, wavy petals on long stem. Excellent for cutting. Height 3 feet.

<i>Crimson</i>	Pkt., .10
<i>Lavender</i>	Pkt., .10
<i>Pink</i>	Pkt., .10
<i>Purple</i>	Pkt., .10
<i>White</i>	Pkt., .10
<i>Finest Mixed</i>	Pkt., .10

Giant Comet. Splendid class of pyramidal habit, with very large flowers.

<i>Crimson</i>	Pkt., .10
<i>Lavender</i>	Pkt., .10
<i>Rose Pink</i>	Pkt., .10
<i>Purple</i>	Pkt., .10
<i>White</i>	Pkt., .10
<i>Finest Mixed</i>	Pkt., .10

Peony Flowered Perfection. The finest form of incurved Aster, splendid for exhibition and popular for both florists' and private use. The plants are about two feet in height, with flowers usually four inches across, very double, and of fine globular form.

<i>Dark Blue</i>	Pkt., .10
<i>Lilac</i>	Pkt., .10
<i>Blood Red</i>	Pkt., .10
<i>Rose Pink</i>	Pkt., .10
<i>White</i>	Pkt., .10
<i>Finest Mixed</i>	Pkt., .10



White Branching Asters

ASTERS—Dwarf Varieties

Chrysanthemum

<i>Snow White</i>	Pkt., .10
<i>Dark Crimson</i>	Pkt., .10
<i>Finest Mixed</i>	Pkt., .10

Queen of the Market. Early flowering aster, of branching habit, producing its flowers on long stalks; fine class for cutting and bunching.

<i>Crimson</i>	Pkt., .10
<i>Lavender</i>	Pkt., .10
<i>Light Blue</i>	Pkt., .10
<i>Light Pink</i>	Pkt., .10
<i>Deep Red</i>	Pkt., .10
<i>White</i>	Pkt., .10
<i>Finest Mixed</i>	Pkt., .10

Victoria. Flowers large, very double, with the petals beautifully incurved. Cannot be excelled for bedding or exhibition. 2 feet.

<i>Crimson</i>	Pkt., .10
<i>Dark Blue</i>	Pkt., .10
<i>Rose Pink</i>	Pkt., .10
<i>White</i>	Pkt., .10
<i>Finest Mixed</i>	Pkt., .10
China Finest Mixed	Pkt., .10
<i>ALL SORTS MIXED</i>	Pkt., .10

Balsam. Beautiful plants for the summer garden. Of fine pyramidal form, thickly studded with large flowers of rich shades. They should be started early in heat and transplanted. We offer the finest strains in cultivation. Annuals.

<i>Double Dwarf Mixed</i>	Pkt., .10
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Bellis Perennis flore pleno. Double Daisy. A favorite spring flowering perennial, producing charming effects when planted with Pansies, Forget-Me-Nots or Silene. They are easily raised from seed, flowering in autumn if sown in spring, although it is better to sow in July or August in cold frames and plant them out the following April.

<i>Longfellow—Dark Rose</i>	Pkt., .05
<i>Snowball—White</i>	Pkt., .05
<i>Mixed</i>	Pkt., .05
<i>California Daisy</i>	Pkt., .05

Browallia. Elegant, free flowering, half-hardy annual for house or garden; growing about eighteen inches in height, with Verbena-like flowers; excellent for cutting. Seeds started in July will give fine plants for winter blooming in the greenhouse for which they are valuable. For summer blooming they may be sown under glass in March, or in the open ground in May.

<i>Finest Mixed</i>	Pkt., .05
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Calendula. Vigorous, hardy, free-flowering annuals, with large, flat, double flowers; valuable for growing in light soils, or dry situations. They are useful as cut flowers, and are frequently grown under glass during winter for cutting. 1 foot.

<i>Meteor.</i> Double orange yellow striped with primrose.	Pkt., .05
<i>Prince of Orange</i>	Pkt., .05
<i>Double Mixed</i>	Pkt., .05

Calliopsis or Coreopsis, Perennial Varieties. These frequently bloom the first year from seed sown in the spring; it is the most satisfactory, however, to sow in July or August, protecting the plants with coarse straw or pine boughs during the winter. They will flower profusely the following summer. Height, 2 feet. Mixed Pkt., .05

Candytuft. Showy, hardy annuals, growing about a foot in height. Excellent for bouquets.

<i>Carmine</i>	Pkt., .05
<i>Lilac</i>	Pkt., .05
<i>Empress White</i>	Pkt., .05
<i>Mixed</i>	Pkt., .05

Canna. *Indian Shot.* The luxuriant foliage and superb flower of the Cannas, especially of the new French and Italian races, easily places them foremost among our subtropical bedding plants.

<i>Crozy's Newest Mixture</i>	Pkt., .05
<i>Nigricans—Dark Red Foliage</i>	Pkt., .05



Candytuft

Carnations—Marguerite—the earliest of all Carnations, blooming in July or August if sown in spring and continuing till frost. Being half-hardy perennials, a slight protection of coarse straw or pine boughs will preserve them during winter and they will flower profusely the next summer, or they may be potted to bloom during the winter in the house. The flowers are large, about eighty per cent. usually coming double; beautifully fringed and clove-scented.

Carnations Marguerite

<i>Giant White</i>	Pkt., .10
<i>Giant Rose</i>	Pkt., .10
<i>Giant Red</i>	Pkt., .10
<i>Giant Yellow</i>	Pkt., .10
<i>Giant Mixed</i>	Pkt., .10

Celosia, or Coxcomb. Showy annuals of easy cultivation; producing large, brilliant, comb-like flower heads. They prefer a light soil, and should not be allowed to become crowded if a dwarf habit is desired.

<i>Tall Mixed</i>	Pkt., .05
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Chrysanthemum (Annual Varieties.)

Showy, hardy annuals of easiest cultivation and blooming early in summer. They are most desirable for seashore and mountain gardens. Height 2 feet.

<i>Double Yellow</i>	Pkt., .05
<i>Double White</i>	Pkt., .05
<i>Double Mixed</i>	Pkt., .05

Centaurea. Flowering Annuals. Imperials.—Giant Corn Flower. The flowers are of enormous size; fragrant, and of the most charming colors, including white, pink, lilac, rose and purple. They are among our best summer flowers for cutting.

<i>Marguerite—White</i>	Pkt., .05
<i>Cyanus—Bachelor's Button, mixed</i>	Pkt., .05



Centaurea Cyanus

Coboea Scandens. A fine, rapid growing climber with handsome foliage and large, bell-shaped flowers, green at first, but rapidly changing to a beautiful, deep violet-blue. A well established plant will run about thirty feet in a season, covering a large veranda with handsome foliage and beautiful flowers. Tender perennial. Pkt., .05

Coleus. Splendid bedding plants, with beautifully colored and handsomely marked foliage. They are easily raised from seed if kept in a warm temperature. Tender perennials.

<i>Hybrid Mixed</i>	Pkt., .25
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Convolvulus Major—Tall Morning Glory.

<i>Finest Mixed</i>	Pkt., .05
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Convolvulus Minor—Dwarf Morning Glory.

<i>Finest Mixed</i>	Pkt., .05
<i>Japanese Morning Glory</i>	Pkt., .05

Cypress Vine. Ipomoea Quamoclit. Very graceful twining annuals with feathery dark green foliage and star-like flowers. Twenty feet.

<i>Scarlet</i>	Pkt., .05
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Cosmos

Cosmos. This is one of our most useful and beautiful autumn flowers. To get it in bloom early, the seed should be sown in May in the open ground where the plants are desired to bloom, and the seedlings allowed to grow and flower without being transplanted.

Finest Mixed Pkt., .05

Dahlia. The popular flower can be easily raised from seed and flowered the same season. The roots should be placed in dry sand and kept in a cellar where there is no frost during the winter.

Finest Mixed Pkt., .10

Single Mixed Pkt., .10



Chinese Pinks

Dianthus. Chinenses fl. pl. hP. Double Chinese Pinks.
Finest Mixed Pkt., .05

Heddewigii. (Japan Pinks) hB. Single. First-class selected. *Mixed* Pkt., .05

Dolichos Lablab. (Hyacinth Bean.) Purple. 10 feet.
..... Pkt., .05

Eschscholtzia. California Poppy. The bright colors, long duration and dwarf habit of these free-blooming, hardy annuals, admirably adapt them for massing and border planting. Height, 1 foot.

California—Yellow, orange center..... Pkt., .05

California Alba—White Pkt., .05

Mixed Pkt., .05

Gourds. Luxuriant, climbing annuals, useful in covering arbors, fences or slopes, and bearing gourds which are of interesting forms and colors 10 to 15 feet.

Mixed Pkt., .05

Gypsophila. Infant's Breath. Free flowering, hardy plants; extremely light and graceful, easy of cultivation, and most useful for bouquet and cut-flower work. Height, 18 inches.

Mixed Pkt., .05

Helianthus. Sunflower. The large varieties are useful in forming backgrounds of large beds or borders and for distant effects, while the smaller sorts may be planted with scarlet Salvia, Cannas and other tall bedding plants, besides being excellent for cutting. Hardy annuals.

Diadem (New). Flowers beautiful light lemon with black center; of the greatest value for cut flowers. Pkt., .05

Double Mixed Pkt., .05



Helianthus

Helichrysum. Everlasting Flower. Showy annuals for beds or borders; useful as dried flowers for winter bouquets, for which use the blooms should be cut before they are fully open, and hung up to dry with the flowers downward if stiff stems are desired. Height 2 feet.

Double Mixed Pkt., .05



Heliotrope

Heliotrope. Delightfully fragrant greenhouse perennial; excellent for bedding or indoor cultivation and particularly useful for cutting.

Giant. Newest large flowering varieties mixed.

Pkt., .10

Hollyhock. This ever popular hardy favorite of our gardens has few rivals in majestic grandeur. Hollyhocks succeed best in rich, well-drained soil. They should be lightly protected during winter with pine boughs, coarse straw or other mulch not liable to rot. Seeds sown in July produce fine plants for blooming the following summer. Hardy biennials; 6 to 8 ft.

Chaters Strain. Double finest mixed.....Pkt., .10

Humulus Japonica. *Japanese Hop.* Splendid annual climber of fast growth and very ornamental. 12 ft.

Pkt., .05

Kochia Trichophila. (Standing or Summer Cypress.) Splendid ornamental annual of unusually quick growth, forming regular pyramids of about 3 ft. in height. The slender-leaved plants are of a cypress-like appearance during the summer, changing their light-green foliage to carmine and blood-red colorings. The plant, also called "Burning Bush," is of great value when planted singly or in groups, as well as for pot culture. 3 ft. Pkt., .05

Larkspur. Splendid hardy annuals with showy flowers borne on long spikes; white, lilac, and all shades of blue; excellent for cutting. Height, 18 inches.

Double Tall. Branching or stock flower mixed. Pkt., .05

Lavender. Ornamental hardy perennial, bearing long spikes of very fragrant blue flowers. 18 inches. Pkt., .05

Lobelia. The *Erinus* varieties are most valuable for edgings, hanging baskets and vases, blooming profusely from June till frost. *Lobelia Cardinalis* and its varieties are among the most brilliant autumn flowering perennials.

Crystal Palace Compacta. The darkest blue. Pkt., .05

Finest MixedPkt., .05

Marigold. *Tagetes.* These handsome half-hardy annuals when well grown cannot be surpassed either in mixed borders or when grouped together. They succeed best in moderately rich soil and in open situations, and are strongly recommended where a gorgeous display in the autumn is an essential feature.

African—Double tall yellow..... Pkt., .05

African—Double tall mixed..... Pkt., .05

French—Double tall mixed..... Pkt., .05



Forget-me-not.

Myosotis—*Forget-Me-Not.* Dwarf, half-hardy perennials, bearing a profusion of little, star-shaped flowers: They thrive best in rather moist, shady situations. Most of them will bloom the first year from seed if sown early.

If sown in July or August in shaded frame, fine plants will be obtained for spring blooming. They are very beautiful when planted in combination with late spring bulbs, Daisies, Arabis or Golden Alyssum.

Palustris—*True Forget-Me-Not.* Dark blue, very beautiful; profuse flowering. Pkt., .10



Mignonette

Mignonette. *Reseda Odorata.* The most fragrant annual, prized as much for forcing in winter as for the summer garden. The seed should be sown early and the plants as they grow, thinned sufficiently to allow them to branch. The beds should be liberally watered during dry weather.

Parsons's White Pkt., .10

Machet, Red Pkt., .10

Bird's Mammoth Mixed Pkt., .10

Nicotiana Affinis—Annuals.

Colossea—Magnificent foliage plant that soon attains a height of five or six feet, with young leaves at first tinted with red. Its leaves are often two feet in length and a foot in width. Excellent for foliage beds. Pkt., .10

Sylvestris. A splendid new variety with glaucous leaves and large pendants, pure white, tube-shaped flowers; a very stately plant. Pkt., .10

Nasturtiums—Dwarf Varieties mixed.

Tom Thumb, or Dwarf. These hardy annuals are of easiest cultivation; succeeding best in rather light soil, withstanding heat and drought and flowering profusely from June or July until cut down by severe frost, usually well into November. The dark-leaved varieties are partic-

Nasturtiums—Tall or Climbing.

Finest MixedPkt., .05; oz., .15; ¼ lb., .45

Papaver, or Poppy. Annual varieties, showy, hardy annual of easiest cultivation and embracing many rich and beautiful colors. The seed should be sown early in spring where intended to bloom.

Shirley—Finest mixed. A most charming race of single Poppies with shining flowers of silky texture, varying in color from pure white and delicate pink to rosy carmine and deep crimson; many of them being beautifully striped and edged with white. The blooms if cut when young will keep in water for two or three days. Height 2 ft. Pkt., .05

Double Carnation Mixed..... Pkt., .05

Oriental Deep Crimson Pkt., .05

White Swan Pkt., .05

ularly adapted for ribbon beds and borders, the brilliant flowers contrasting admirably with the bronzy red foliage. Height, 1 foot.

Finest Mixed. Our special mixture of the finest sorts, in great variety of color. Pkt., .05; .oz., .15; ¼ lb., .45

Phlox Drummondii. This is one of the finest annuals, being hardy, easy of cultivation and making as a summer bedding plant an effective and brilliant display. The flowers are of long duration and of most gorgeous and varied colors. Height, 1 ft.

Finest Mixed—Splendid colorsPkt. .05

Grandiflora Finest Mixed. The flowers are of large size, finely rounded form, and with well defined eyes. The colors are superb. Pkt., .10

Petunia. The Petunia is popular because it is of easiest cultivation, blooms from early summer continuously until frost and is one of the most showy and free-growing annuals. Height 12 to 15 inches.

Single Flowering Petunia

Hybrida—Finest Mixed Pkt., .10

Fimbriata—Fringed, Single Mixed..... Pkt., .15

Double Flowering Petunias

Double Fringed—Extra Large..... Pkt., .20

Portulaca. Charming dwarf annuals for sunny situations or light soils, producing flowers of most brilliant colors in great profusion. Height, 6 inches.

Grandiflora Plenissima—Double Mixed Pkt., .10

Grandiflora—Fine Single Mixed..... Pkt., .10

Rhodanthe. Half-hardy annuals with "Everlasting" flowers. They are beautiful for the open garden, or grown in pots for the conservatory. If required for winter use, as dried flowers, they should be cut before they are fully expanded. Height, 1 foot.

White Pkt., .05

Mixed Pkt., .05

Ricinus. Castor Oil Plant. Tender annuals of rapid and gigantic growth, producing enormous dark green or bronze-colored palmate leaves; excellent for sub-tropical beds, or for massive foliage effects on lawns or backgrounds.

Zanzibariensis. Mixed. A new and distinct race from East Africa, producing leaves of enormous size, varying in color from light green to purplish red. Height, 15 feet.

Pkt., .10

PANSIES

Pansy, or Heartscase. Too much importance cannot be attached to the culture of these beautiful plants, flowering as they do in great abundance for several months. When sown in the early spring a good display in most cases can be had in the following fall, but the best results are not obtained, by so doing. To obtain fine blooms it is better to sow during summer and transplant the seedlings in cold frames in September, protecting during the winter with mats or shutters. Pansies delight in a cool, moist, well drained soil, enriched with decomposed barn-yard manure. They should never be allowed to suffer for want of water.

Giant Blue Pkt., .10

Giant Black Pkt., .10

Giant Purple Pkt., .10

Giant Yellow Pkt., .10

Giant White Pkt., .10

Giant Mixed Pkt., .10

Mixed Pkt., .05

Giant Fringed Mixed Pkt., .15





Sweet Peas

Sweet Peas
Our Sweet Peas are unsurpassed in selection, purity and vitality. Seed should be sown in *new ground* as early as it can be worked in spring. The vines should be thoroughly established before the hot weather sets in. White-seeded sorts should be sown a little later, when the ground is warm.

Haskell's Peerless Mixture. We invite comparison of our mixture with any and all others, no matter under what name or at how high a price offered, and are certain a trial will demonstrate the superiority of our *Peerless Mixture*.

Prices on Haskell's Peerless Mixture:

Pkt., .05; oz., .10; ¼ lb., .25; ½ lb., .45; lb., .90.

Prices on all Separate Colors:

Pkt., .05; oz., .10; ¼ lb., .35; ½ lb., .65; lb., \$1.25.

Blue and Purple

Captain of the Blues. Standard light maroon; wings light purple.

Navy Blue. Deep violet blue.

Variegated

Aurora. Flaked orange salmon; largest striped.

America. The brightest blood red striped.

Daybreak. Crimson scarlet on white ground.

Gray Friar. Beautiful watered purple on white ground.

Helen Pierce. Blue mottled on pure white.

Mrs. Joseph Chamberlain. Rose and white striped.

Countess of Radnor. Pale mauve standards, wings pale

Lavender and Mauve

lilac, *very fine*.

Dorothy Tennant. Deep rosy mauve; beautiful.

Emily Eckford. Standard reddish mauve, wings blue.

White

Blanche Burpee. Pure white of superior substance, flowers large and finely formed.

Emily Henderson. A new pure white, largest of all and an excellent sort.

Sadie Burpee. White seed. Very large. Pure white.

Dorothy Eckford. Pure white.

Light Yellow

Mrs. Eckford. Delicate shade of primrose yellow.

Primrose. Color pale primrose approaching yellow.

Shades of Pink

Lovely. Large pink standard, delicate rose wings.

Hon. F. Bouverie. Standard flesh-pink, wings rosy buff.

Sybil Eckford. Pink and buff.

Prima Donna. Lovely pale pink. One of the finest.

Katherine Tracy. Soft but brilliant pink.

Gladys Unwin. Large, light pink.

Blanche Ferry. The popular pink and white.

Her Majesty. Beautiful rose color.

Painted Lady. Old popular pink and white, fiery shade.

Lady Mary Currie. Orange pink.

Shades of Red

Red Riding Hood. Rosy pink, very fragrant.

Brilliant. Bright scarlet, fine form.

Firefly. Deep brilliant scarlet; truly a fiery shade.

King Edward VII. Fine scarlet.

White and Blue

Maid of Honor. White edged with blue.

Lottie Eckford. White, suffused with lavender.

Butterfly. White blue edge.

Spencer Sweet Peas

Asta Ohn—Pinkish Lavender.

Countess—Pure Pink.

Florence Morse—White, Pink Edge.

King Edward—Pure Red.

Othello—Deep Maroon.

White—Pure White.

Mixture.

Individual10 per pkg., .25 oz., .90 ¼ lb.

Mixtures10 per pkg., .20 oz., .75 ¼ lb.

Claret and Maroon

- Borcatton.* Very dark maroon self-colored.
- Captivation.* Beautiful claret color.
- Waverly.* Standards rosy claret, wings shaded blue.
- Black Knight.* Deep maroon.

Salpiglossis. Half-hardy annuals; elegant late summer flowering plants of great diversity in color; beautifully penciled in rich tints of yellow, purple and brownish red. Of easy culture.

Grandiflora—Finest Mixed Pkt., .05

Salvia. Flowering Sage. Very ornamental; flowers borne in spikes of fiery red, crimson or blue, and continue in bloom in open ground until after severe frosts. Start in heat and transplant into light soil one to two feet apart. Tender perennials, but bloom the first season. Height, 2 ft. to 3 ft.

- Bonfire—Scarlet* Pkt., .10
- Cocinea—Mixed* Pkt., .10

Stock—Gilliflower. The charming colors, delightful fragrance and free-blooming character of the Stocks have made them favorite plants for both summer and winter cultivation. They are very effective for beds and borders, and their handsome spikes are invaluable for bouquets and floral decorations.

Large-Flowering, Double Ten-Week Varieties. Highest grade, pot-grown seed. The best variety for early summer blooming, producing massive pyramidal flower spikes of brilliant colors and delightful fragrance. Height, 1 foot.

- Lavender* Pkt., .10
- Pink* Pkt., .10
- White* Pkt., .10
- Finest Mixed* Pkt., .10

Sweet William. *Dianthus Barbatus.* Showy hardy biennials of easiest culture; admirable for clumps among shrubs or borders. Height, 18 inches.

Hunt's Perfection Mixed..... Pkt., .05

Verbena. *The Verbena* is one of the most decorative and easily grown bedding plants. If started in heat in March the seedlings begin to bloom in June and continue until frost. Plants raised from seeds are stronger and flower more freely than those grown from cuttings. Half-hardy perennials. Height, 1 foot.

- Hybrida—Fine Mixed* Pkt., .05
- Hybrida—Mammoth mixed* Pkt., .10
- Hybrida—Extra selected, dark blue*..... Pkt., .10
- Hybrida Candissima, white* Pkt., .10

Virginia Creeper (or American Woodbine). Though a common native climber, this is one of the best plants for covering unsightly objects, or it may be easily trained into festoons of exceeding grace and beauty. Pkt., .05

Wild Cucumber. Hardy, vigorous climber, with very pretty seed-pods, large seeds; to be sown in the open ground in autumn. 20 feet. Pkt., .05

Xeranthemum. Profuse blooming hardy annuals with "Everlasting" flowers; useful for winter bouquets; colors pure white and deep purple. Height, 18 inches.

Finest Double Mixed..... Pkt., .05



Zinnia

Zinnia. The double flowering Zinnias (*Zinnia elegans* fl. pl.), are among the finest annuals, blooming from July till frost. The flowers are large, handsome, and in a variety of colors. Of easy cultivation in common garden soil. Seed should be started in heat and transplanted. Our seed of these beautiful flowers is saved from the finest collection in Germany.

- Single Mixed* Pkt., .05
- Double Mixed* Pkt., .05

Mixed Flower Seeds for Wild Gardens. A splendid mixture of more than one hundred kinds of flower seeds at a low price. Pkt., .05

SUPERIOR VEGETABLE SEEDS



Parcel Post Information

Parcel Post rates now apply to all seeds, bulbs and plants and are subject to the same rates as all other merchandise, 1st and 2d Zones include all places within a distance of 150 miles of Lewiston.

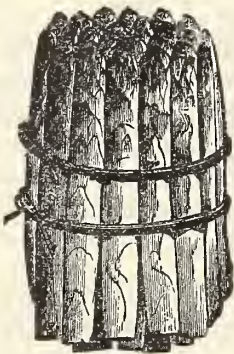
Zone Distances	Rates of Postage for 4th Class Merchandise		Each Additional Pound
	Zones	First Pound	
Lewiston and Rural Delivery, Within 150 Miles,	1st & 2d	.05	\$.02½ up to 50 Lbs.
150 to 300 Miles,	3d	.05	.01 up to 50 Lbs.
300 to 600 Miles,	4th	.07	.05 up to 20 Lbs.
600 to 1000 Miles,	5th	.08	.06 up to 20 Lbs.
1000 to 1400 Miles,	6th	.09	.07 up to 20 Lbs.
1400 to 1800 Miles,	7th	.10	.09 up to 20 Lbs.
*1800 Miles and over,	8th	.11	.10 up to 20 Lbs.
*Includes non-contiguous possessions		.12	.12 up to 20 Lbs.

ASPARAGUS

German,—Gpargel. French,—Asperge.
Spanish,—Esparragos.

One ounce for 60 feet of drill.

A convenient bed is about six feet wide, with a path two feet wide on each side. This will require six rows one foot apart, and a bed of that width 50 feet will be ample for an ordinary family, requiring about one pound



of seed. It will require about three years from the time of sowing until the bed is in full bearing, but once established, it is good for twenty years. It should be sown in

drills one foot apart, and when the plants are four or five inches high they should be thinned out so that the plants will be nine inches apart from each other in all the rows. Great care must be taken for the first year to keep down all weeds as soon as they appear, else they will choke and destroy the young seedling Asparagus. The deeper the soil and the more manure used, the greater will be the crop.

Conover's Colossal. The best known, and one of the most desirable sorts. Pkt., .05; oz., .10; ¼ lb., .20; lb., .50

Palmetto. Shoots are very large and light green, also tender and very desirable for the market and home garden. Very quick in growth, with close, round-topped shoots.

Pkt., .05; oz., .10; ¼ lb., .25; lb., .75

Asparagus Roots

A saving of one to two years is effected by planting roots. These offered below are strong, two-year-old roots, and the proper size for testing. These roots are not carried in stock but will be shipped direct from the growers. Prices on the following varieties will be quoted on application.

Columbia, Mammoth White, Conover's Colossal, Barr's Mammoth and Palmetto.

BEANS

Dwarf or Bush

German,—Bohnen.

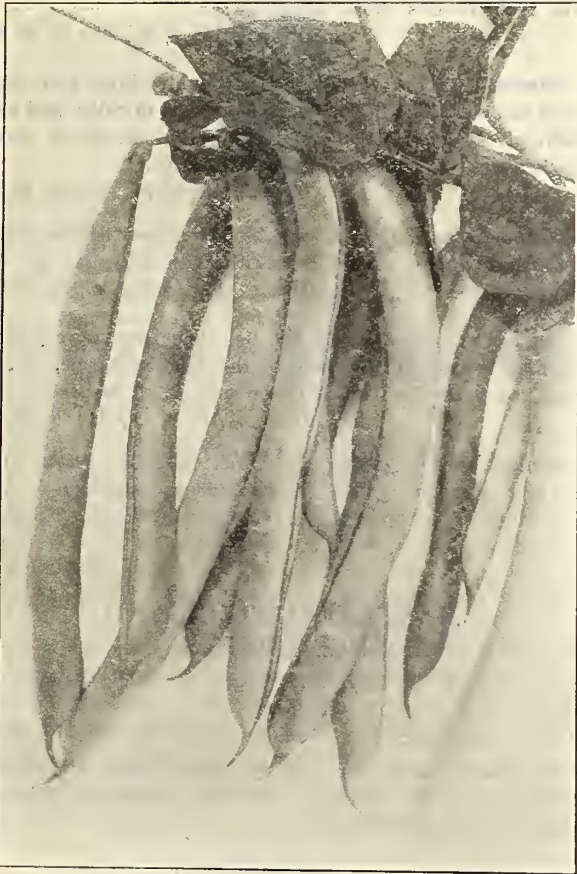
French,—Haricot.

Spanish,—Frijole nano.

One quart to 100 feet in drills or 150 hills; two bushels to the acre in drills.

A succession of sowing can be made from the first week in May until August. Plant in drills about two inches deep, and from eighteen inches to two feet apart, according to the richness of the soil; the poorer the soil the closer they can be planted. The seeds should be dropped about two inches apart.

Add .05 per pt.; .07 per qt., each additional quart add .02 if to be sent by mail.



Improved Golden Wax Beans

This has been an even worse season than last for the grower of Beans and we again have to report a complete failure of many kinds and extremely short crop on most of the others.

Black German Wax. (Black Seed.) Very early; round, yellow pods; a well-known standard sort. *Crop failure.*
Pt., .35; qt., .65

Currie's Rust-proof Wax. Pods long, flat and straight, very productive and rust-proof; black seed. *Crop failure.*
Pt., .35; qt., .65

Improved Golden Wax. Rust proof. An improvement on the old Golden Wax. The pod is somewhat round, meaty and entirely rust proof.
Pt., .35; qt., .65

Green Pod Varieties

Stringless Green Pod. The pods are green, not quite as round as Valentine and less curved. The pods are stringless—absolutely—this quality at once placing the variety at the top of the list among table beans. Pt., .35; qt., .65

Long Yellow Six Weeks. Pods are long, flat, straight, green.
Pt., .35; qt., .65

Low's Champion. Very productive, with stringless, large green flat pods. Excellent either as a string or shell bean.
Pt., .30; qt., .50; pk., \$3.50

Dwarf Horticultural. The best shell bean for fine quality.
Pt., .35; qt., .65

Old-fashioned Yellow-eye Bean. An excellent field bean and much preferred to the Improved Yellow-eye as a baking bean.

New York Pea Beans
Sulphur Beans

Improved Yellow-eye Bean. An excellent field bean and very productive.

Red Kidney Bean. An easily raised bean and very productive. Also greatly prized by many for baking.

Prices of above on application.

Lima

Burpee's Bush Lima. The only Bush form of the true large Lima. Bushes grow to eighteen inches in height and always erect.
Pt., .35; qt., .65

Pole or Running

German—Stangen Bohnen

Spanish—Judias.

French—Haricot a Rames.

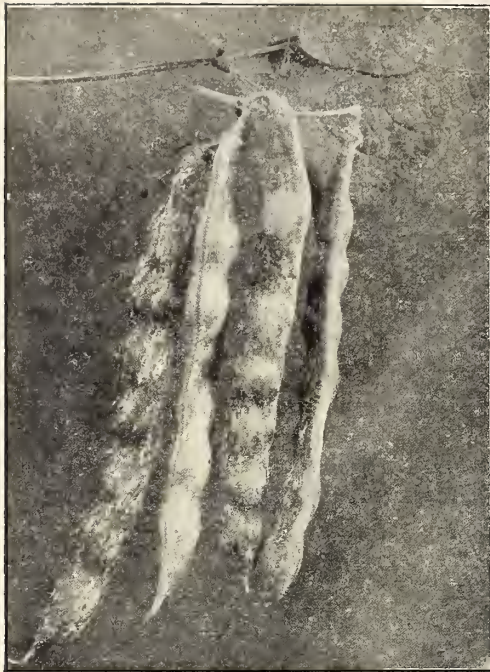
One quart to 150 hills; 10 to 12 quarts to the acre in drills.

These are more tender and require rather more care in culture than the Bush Beans, and should be sown two weeks later. They succeed best in sand loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from three to four feet apart. From five to six seeds are planted in each hill, about two inches deep. As the matured bean is used mostly, the season is too short for succession of crops in the North, though it is advantageous to plant succession crops in the Southern states, where the season of growth is often from March to November. Rough cedar or similar poles about seven or eight feet long should be used for Lima Beans to climb on. The poles should be set in the ground at least eighteen inches, so as to prevent being blown over.

Add .05 per pt.; .07 per qt., each additional quart add .02 if to be sent by mail.

Black Wax, or Indian Chief. A superb snap bean; pods yellow and stringless.
Pt., .35; qt., .65

Scarlet Runners. Usually cultivated for the beauty of its scarlet flowers.
Pkt., .10; ½ pt., .15



King Horticultural, or Old Fashioned Speckled Cranberry. Pods bright carmine color; both beans and pods are much larger than the common kind. *Pt.*, .35; *qt.*, .65

Kentucky Wonder. An excellent green podded variety; enormously productive, the long pods hanging in great clusters along the entire vine. Seed dark brown; entirely stringless. *Pt.*, .35; *qt.*, .65

Lazy Wife. One of the best of the later green-podded pole beans for snaps. The pods borne in large clusters, are five to seven inches long, broad, thick, fleshy and entirely stringless. When young they have a rich, buttery flavor, which is retained until they are nearly ripe. The dry beans are excellent for winter use. Seed white. *Pt.*, .35; *qt.*, .65

Red Cranberry Pole. A popular string or snap bean; very productive with large and tender pod. *Pt.*, .35; *qt.*, .65

Lima, King of The Garden. Heavy cropper—bean and pod very large. *Pt.*, .35; *qt.*, .65

BEEF

German,—Runtel Rube.

French,—Betterave.

Spanish,—Beteraga.

A rather light soil, well enriched, is best suited to the cultivation of the various beets. The mangels and sugar beets in particular, require very liberal manuring. For an early crop of table beets, sow the seed as early as the ground is in condition to work; light frosts will not injure the young plants. For a main crop, sow the first of May; and for winter beets, the last of June. Sow in drills, 12 to 15 inches apart, and about one inch deep, pressing the earth firmly upon the seed,—a very important matter. Use about six pounds of seed per acre. Thin out when the plants are large enough. The varieties for table use should be left three or four inches apart.

Crosby's Egyptian. This variety is as early as the original Egyptian, but by careful selection has been made thicker and of better quality.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Detroit Dark Red Turnip. An excellent beet for bunching for market; tops exceptionally small and upright; roots turnip shaped with small tap root. Color of skin dark blood red; flesh bright red. Quality is of the best, sweet and tender. One of the best varieties for the market gardener and the home garden.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Dewing's Early. Of deep red color, smooth and of fine form. One of the leading varieties, both for market and for family use. *Pkt.*, .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Early Eclipse. Very early, dark-red color, small top, and free from fibrous roots.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Edmand's. This variety is thoroughly fixed and uniform in type. The flesh is deep blood red in color, and exceedingly sweet and tender. It is round, smooth, of good market size, and does not grow over-large.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Dirigo Extra Early. A rich, blood-red beet of fine grain and flavor and is earlier than either the Egyptian or the Eclipse.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Haskell's Special Blood Turnip. We have a very fine strain of Blood Turnip Beet, of the Edmand's type. Very deep red fleshed, so much in demand in all markets.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Swiss Chard or Silver Sea Kale. Used as greens and the ribs of leaves cooked and served as asparagus.

Pkt., .05; *oz.*, .20; $\frac{1}{4}$ *lb.*, .65; *lb.*, \$2.25

MANGEL-WURTZEL AND SUGAR BEETS

Sow in April or May, using eight to twelve pounds to the acre.

Price of all varieties *Oz.*, .15; $\frac{1}{4}$ *lb.*, .45; *lb.*, \$1.50

Red Giant Eckendorf. Of cylindrical form and grown mostly above the surface. Has been known to yield as high as 58 tons to the acre.

Lane's White Sugar. One of the best for feeding stock. Very sweet.

Norbiton Giant. A mammoth, long-red variety, enormously productive, and keeps well; good for deep soils.

Golden Tankard. Flesh a deep, rich yellow; very sweet and nutritious. Half long in shape. A very heavy cropper.

Improved Mammoth Long Red. An improvement on the old variety. The roots are very large, uniformly straight and well formed; proportionately thicker, and are deeper colored than the common sort, and with smaller tops.



Mangel Danish Sludstrup. Long, reddish Yellow. Grows well above the ground and easy to pull. More percentage of dry matter than in any known Mangel. Very heavy cropper. Considered by the Danish people the best Mangel in the world.

BRUSSELS SPROUTS

(Species of cabbage; cultivation the same)

German,—Rofen-Kohl.

French,—Chou de Bruxelles.

Spanish,—Berza de Brussels.

One ounce will sow a bed of forty square feet, and produce about 3,000 plants.

This is a delicious vegetable, superior to either borecole or spinach. The small, cabbage-like heads which grow upon the stem are much improved by a moderate frost. Sow in hotbeds in March or April, and in the open ground in May. Cultivate same as broccoli.

Dwarf Improved. Produces excellent, compact sprouts; very sure cropper. Pkt., .05; oz., .20; ¼ lb., .75

CABBAGE

German,—Kopf-Kohl. French,—Chou Pomme.

Spanish,—Berza.

One ounce of seed produces about 3,000 plants.

Early varieties are grown from seed sown in hotbeds in February or March, only moderate bottom heat being required. Transplant into other frames without much, if any, bottom heat, as soon as the plants show the fourth leaf. In April, or as soon as the ground can be easily worked, set out in rows three feet apart, and about eighteen inches between the plants. The ground should be thoroughly stirred with cultivator and hoed every week till the plants cover the ground. For a fall crop, sow in the

open ground in May, in hills the proper distance apart, using a liberal quantity of manure in the hill, besides that which is plowed in; thin out to one good plant in each hill. In the same way crops may be sown to lay in for the winter use, planting seed as late as July 1. Seeds can also be sown in shallow drills when the plants are large enough, can be transplanted, setting the plants in rows three feet apart and two feet apart in the row. If the young plants are troubled with the cabbage fly, sprinkle them with tobacco dust, air-slaked lime, slugshot or wood ashes, while the dew is on them. To keep off the cabbage worm, sprinkle with Dalmatian insect powder or slugshot.



Danish Ball Head

The wide and unfailing popularity of the Danish Ball Head cabbage is simply wonderful. It seems to adapt itself to all soils and conditions.

The leading characteristics of Danish Ball Head cabbage are: First, that it is a sure header; second, that it is of unapproachable solidity and weight; third, that it is an extra good keeper; and fourth, that it is a good seller.

It is a medium to late cabbage, but is generally grown as a late crop. It is sure to head, the heads being round, hard and extremely heavy, though not extra large. It can be grown in close quarters, on account of its compact habit.

Pkt., .10; oz., .40; ¼ lb., \$1.50

All Seasons. An early Drumhead, sure heading, solid variety. Desirable for early or fall use.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Charleston Wakefield. Grows to a much larger size than the Jersey Wakefield. Very productive and a good shipping variety.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Mammoth Rock Red. The largest heading of any of the red sorts, of deep rich color, and excellent quality.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Sure Head. A fine variety for main crop. A good shipper and sure header. Pkt., .05; oz., .30; ¼ lb., \$1.00



Danish Summer Ball Head

Danish Summer Ball Head, extra. The heads of this cabbage are of a splendid shape and ready early in the season. It is very early, very large, very firm and heavy.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Danish Roundhead Short-stemmed. This cabbage is recommended as the best ever offered. It embodies all the good qualities which growers ever worked up in qualities, is large, hardy and splendid keeper.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Warren's Stone Mason. An improvement on the Stone Mason Drumhead; heads rounder, firmer and earlier; is an extra good keeper.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Savoy Improved American. The finest flavored of all the cabbage family, large and solid.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Early Winningstadt. An early variety of excellent quality, not as early as the Wakefield. *Crop failed.*

Henderson's Early Summer. A standard summer variety. We have the true stock.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Fottlers Early Brunswick. An early fall variety well known and popular.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Early Jersey Wakefield. A standard early variety for home use or market.

Pkt., .10; oz., .40; ¼ lb., \$1.50

Red Dutch for pickling or for salads.

Pkt., .05; oz., .20; ¼ lb., \$1.00

Succession. A sure-headed, long-keeping variety, very similar to All Seasons, but maturing a little later. Heads deep and very firm.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Enkhuizen Glory. A new Holland cabbage which originated at a large seed farm at Enkhuizen, Holland. It is an early cabbage, but still of large size; solid and of the

best quality. It is one of the largest early cabbages we have seen, and may be set out as late as the last of July or first of August in this latitude, and will make large, fine heads for late fall or winter use. The great merit of this cabbage lies in the perfect uniformity of its growth. The plants are compact, and have few outside leaves, and can be planted close together, and will produce a very large crop.

Pkt., .10; oz., .40; ¼ lb., \$1.50

CARROT

German,—Rohre.

French,—Carrotte.

Spanish,—Zanahoria.

One ounce will sow 100 feet of drill; 3 pounds required for an acre.

Carrots require a very finely pulverized soil to grow them to perfection. A good, light and well-enriched sandy loam is the best for this crop. For field culture, sow in drills 2½ feet apart, so as to cultivate by horse. Market gardeners sow in drills about 15 inches apart, and cultivate by hand. For early crops cover ½ inch deep, and thin to 6 inches apart in the rows; for late, cover ¾ inch deep and thin to 4 inches.



Oxheart Carrot

Danvers Half-Long. One of the heaviest croppers; roots dark orange color, 8 to 10 inches in length, thick, and ending in a somewhat abrupt point; first class for all soils.

Pkt., .05; oz., .20; ¼ lb., .60

Oxheart, or Guerande. Roots short and very thick, and intermediate between Scarlet Horn and Chantenay; color deep orange; fine grained.

Pkt., .05; oz., .20; ¼ lb., .60

Large White Belgian. Roots very large and smooth; grown exclusively for stock feeding. Grained.

Pkt., .05; oz., .15; ¼ lb., .50

Improved Long Orange. The best known and most largely cultivated of any Carrot; excellent for stock or table use. Roots deep orange, 12 to 15 inches long.

Pkt., .05; oz., .20; ¼ lb., .60

CAULIFLOWER

German,—Blumenkohl

Spanish,—Coliflor

French,—Chou-fleur.

One ounce of seed will produce 1,500 to 2,000 plants of sown in open ground, or about 3,000 in frames.

To raise good Cauliflower there is nothing so essential to success as good seed. The best Cauliflower seed is very expensive, but it is worth to the grower ten times as much as cheap and carelessly grown seeds. The best results are obtained from using Snowball for main late crop, as well as for early use.

Early Cauliflower are difficult to raise and are not of the best quality, but when the plants are set out in July and the heads form in October, there is no difficulty in getting fine, large heads of first-class quality. The seed should be sown in open ground or cold frames about the middle of May or first of June, on good soil. When plants are large enough, transplant to rich, moist soil. These remarks refer to Snowball or other early kinds. The late kinds must be sown and transplanted earlier.

Henderson's Early Snowball. This is undoubtedly the finest ever introduced. It is the earliest and produces beautiful snow white heads of the most delicious flavor. The seed we offer is pure and genuine, and sure to prove satisfactory.

Pkt., .20; oz., \$2.50

Extra Selected Dwarf Early Erfurt. The finest strain of the Erfurt Cauliflower; almost as early as the Snowball; grows about 15 inches high; producing very solid, pure white heads of the very finest quality; seldom fails to form a good sized head.

Pkt., .15; oz., \$2.00

All kinds of Insecticides, Spray Pumps, Power Sprayers, etc., always on hand. Call and examine or write for catalogue and prices.

CELERY

German,—Sellerie

French,—Celeri

Spanish,—Apio

One ounce will produce 3,000 plants.

Sow seed the first or second week in April in hotbed or cold frame. As soon as the plants have attained a height of three inches, transplant, setting them four inches apart. As fall approaches draw earth up to the plants, keeping the stalks well together. When well blanched it is ready for use. Some of the varieties, such as Golden Self-Blanching and White Plume, may be blanched by simply placing a board 12 to 15 inches wide on edge on each side of the row.

Boston Market. The best and most popular sort for cultivation.

Pkt., .05; oz., .30; ¼ lb., .85

Giant Pascal. A strong grower and wonderful keeper; quality very fine.

Pkt., .05; oz., .30; ¼ lb., .85

Golden Self-Blanching. A self-blanching early golden-colored variety that is very popular.

Pkt., .10; oz., .50; ¼ lb., \$1.75

White Plume. A variety that can be more easily grown than any other, as it does not require high banking to blanch the stalks. Simply earthing up enough to keep the stalks together or by passing a string around each plant is sufficient.

Pkt., .05; oz., .30; ¼ lb., .85

CORN—Sugar

German,—Welfchkorn

French,—Mais

Spanish,—Maiz

One quart will plant 200 hills; 1 pk. will plant one acre in hills.

Corn requires a good soil and a warm situation. Commence for first early by planting the early varieties about May 1, and if a continuous supply is wanted all summer, make plantings about two weeks apart from May 1 until the last of July, first planting early varieties, then later ones. Plant in rows 3 feet apart, and make the hills about the same distance apart in the rows. Five kernels in the hills are plenty. Cover about 1 inch deep for early and a little deeper for late. Thin to 3 plants in a hill. Add 5c per pt., 7c per qt., and for each additional quart to the same address add 2c, if to be sent by mail.

Early Red Cory. This variety is the favorite for first early.

Pt., .25; qt., .40; pk., \$2.75

White Cob Cory. This is an improvement over the Early Cory as the cob is white which gives it a finer appearance. It is as early as the Early Cory and of excellent quality.

Pt., .25; qt., .40; pk., \$2.75

Crosby's Early. An early corn of large size and choice quality. It has long been a standard variety.

Pt., .30; qt., .50; pk., \$3.50



Stowell's Evergreen



Golden Bantam

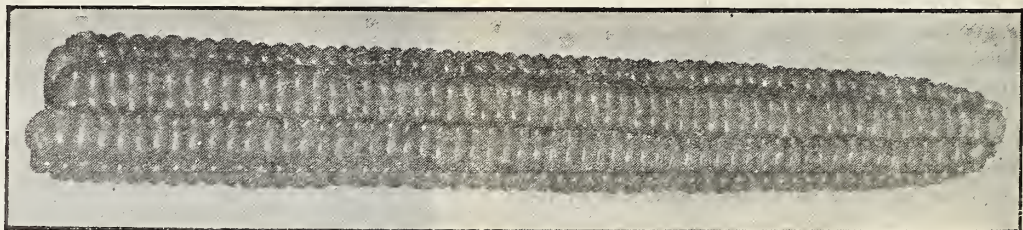
Stowell's Evergreen. The best late corn for all purposes. It has been a leader for many years as a main crop variety and is unexcelled as a market corn.

Pt., .25; qt., .40; pk., \$2.75

Haskell's Prizetaker Corn

This corn has fully maintained its past record as being the very best flint corn grown.

This corn showed a test of 12.2 per cent. protein, 5.51 fat and 78.56 carbohydrates, which makes it the highest test corn from a good food value of any of the known flints or dents.



Haskell's Prizetaker Corn

Country Gentleman. This is the finest of the medium late varieties. The rows are zig-zag with long slender kernels of delicious flavor. *Pt., .25; qt., .40; pk., \$2.75*

Black Mexican. This corn when in condition for the table cooks remarkably white; but the ripe grain is black or bluish-black. It is unsurpassed by none in tenderness.

Pt., .25; qt., .40; pk., \$2.75

Golden Bantam. The fact that the grains of this variety are yellow is an indication of hardness and its value for early planting and early maturity. It is a rapid grower, and produces ears measuring about 5 inches, but the smallness of ears is fully made up by the deliciously sweet flavor and tender quality of the corn when cooked. It is a fine variety for the home garden.

Pt., .35; qt., .65

FIELD AND FODDER CORN

Prices will be quoted on application on the following corns. Please give the amount desired as well as the kind in all cases.

Southern White. A white variety that no silo owner or dairy farmer should overlook. It grows 12 to 16 feet high; has broad foliage and tender stocks. There is no better fodder to keep up the flow of milk during hot weather when the grass is burned up. Heavy cropper.

Leaming. An early, very heavy long-eared corn. Grows to medium height with large amount of foliage. One of the best ensilage corns very much relished by stock. Cob red, grain yellow.

Red Cob. A very large-growing white dent corn, with red cob. Fodder sweet, juicy and tender. Very popular in northern dairy districts.

Sanford. A well-known variety, adapted to the whole of New England. Kernels silvery white flint color; large and broad. An excellent fodder and ensilage corn. *Crop Failure.*

Early Canada. An eight-rowed, yellow flint variety with small cob and deep grain. This is one of the earliest and best and seldom fails to produce a crop. The Early Canada seed we have to offer was grown in this State.

Longfellow. An eight-rowed, yellow-flint sort; ears average 10 to 15 inches. Large kernels and small cob. Particularly adapted to New England.

On a recent test of this corn, 70 pounds of ears made 63 pounds of shelled corn.

This also makes an exceptionally fine corn for an ensilage corn as it grows when planted for ensilage very rank, being 10 to 12 feet tall, and the stalks are very fine grain, making a much more profitable corn for ensilage than any of the dent varieties. We have this corn both on the cob and shelled.

CHERVIL

One ounce will sow about 300 feet of drill.

Cultivated like parsley. Sow thickly in May, in drills half an inch deep, one foot apart. Use while the leaves are young and tender.

Curled Chervil. The young leaves are used for garnishing, and flavoring soups. *Pkt., .05; oz., .15; ¼ lb., .35*

CRESS OR PEPPERGRASS

German,—Areffe. French,—Cresson

Spanish,—Masuerzo

One ounce will sow 16 square feet, or 150 feet of drill.

A popular salad, which should be sown early in the spring—very thickly in shallow drills—and at short intervals, for success, as it soon runs to seed.

Extra Curled. A small plant, having a fine pungent flavor, and used as a salad; may be cut two or three times.

Pkt., .05; oz., .15; ¼ lb., .35

True Water Cress. Grows along the banks of ponds and streams, and is easily introduced, wholly unlike Extra Curled; leaves are quite large and thick; a fine salad, sold in immense quantities in the large markets in spring.

Pkt., .10; oz., .40; ¼ lb., \$1.25

CUCUMBER

German,—Gurfe

French,—Concombre

Spanish,—Pepino.

One ounce will plant 50 hills; 2 pounds will plant an acre.

Culture.—For earliest use, sow the seed in the hotbed or greenhouse in February or March, in warm loam, where the temperature is about 90 degrees. Cover half an inch deep, and when the plants are of fair size transplant into hills (made in the greenhouse) four plants in a hill, so that when the weather permits the whole hill can be moved to the open ground by means of tins made for that pur-

pose. Plant for general use in the open ground about June 1, in hills 6 feet each way, and thin to three plants in a hill. Fine old manure (about six cords per acre) is sufficient; or, better still, plant on land from which a crop has been taken, and which was heavily manured for that crop.

Davis Perfect. As now selected, this popular new variety is well worthy of praise. The long, even fruits are of fine form, with an intensely dark rich green skin. With very few seeds the solid white flesh is of superb quality for slicing. So handsome and regular are the fruits that they bring an extra price on market—often being taken for “hot-house grown.” The vines are of strong growth and quite prolific. *Pkt., .05; oz., .10; ¼ lb., .35*

Extra Early Russian. Earliest variety known; hardy and productive. Fruit very small and quality fine for pickling or slicing. *Pkt., .05; oz., .10; ¼ lb., .35*

Early Cluster. Fruit borne in pairs; light green; a great bearer. *Pkt., .05; oz., .10; ¼ lb., .35*

Early Frame or Short Green. An excellent sort, both for table use and for pickling. Plants very vigorous and productive. Fruit straight, a little smaller at the end, bright green, lighter at the blossom end. Comes into use a little later than the Early Cluster and keeps green a long time. Our stock is very superior.

Pkt., .05; oz., .10; ¼ lb., .35

Boston Pickling. Fruit short, smooth and pointed at each end, bright green and a great yielder; one of the best pickling. *Pkt., .05; oz., .10; ¼ lb., .35*

White Spine Improved. The most popular strain of White Spine, and for general out-door culture, the best.

Pkt., .05; oz., .10; ¼ lb., .35

Long Green Improved. Fine for pickling when small; good for table use when about half grown.

Pkt., .05; oz., .10; ¼ lb., .35



White Spine Cucumber

Japanese Climbing. Vines are extra strong and foliage much more vigorous than other kinds, and being a climbing sort, can be grown on trellises, etc., saving much valuable space in small gardens. It is very prolific, from forty to fifty cucumbers having been counted on single plants. Fruit cylindrical, about ten inches long, thick and of fine flavor. Pkt., .05; oz., .15; ¼ lb., .50

DANDELION

German,—Lowenzahn. French,—Pissenlit.
Spanish,—Amargon.

One ounce will sow 100 feet of drill.

The Dandelion resembles endive, and affords one of the earliest as well as one of the most healthful spring greens. Sow as early as the weather will permit, in good, well-enriched soil, in rows 12 inches apart, covering seed ¼ of an inch deep, and firming the soil well over them. Thin to two or three inches apart in the rows; by so doing the roots will be larger and a great amount of time will be saved the next spring in trimming or gathering the crop. One pound per acre is sufficient.

Improved Thick-Leaved. Cultivate for spring greens; an immense improvement on the common dandelion, both in size and thickness of its leaves and fine flavor, being far less bitter. Pkt., .10; oz., .50; ¼ lb., \$1.75

EGGPLANT

German,—Gierpanze. French,—Aubergine.
Spanish,—Berengena.

The Eggplant will thrive well in any good garden soil, but will repay good treatment. The seeds should be sown in hotbed or warm greenhouse in March or April, and when about an inch high potted in two-inch pots. Plant about June 1, two and one-half feet apart.

New York Improved Purple. The leading market variety, and undoubtedly the best for size, quality and productivity. Pkt., .05; oz., .50; ¼ lb., \$1.50

ENDIVE

German,—Gendive. French,—Chicoree.
Spanish,—Endivia.

One of the most refreshing and attractive of all autumn and winter salads. Sow seed from the middle of June until the end of August.

Green Curled. Beautifully curled, tender and crisp. Pkt., .05; oz., .15; ¼ lb., .50



Endive

Moss Curled. More finely curled, and a heavier and more dense plant than Green Curled.

Pkt., .05; oz., .15; ¼ lb., .50

Broad-leaved Batavian (Escarolie). This variety is chiefly used in soups and stews; requires to be tied up in blanching. Pkt., .05; oz., .15; ¼ lb., .50



Kale

KALE OR BORECOLE

German,—Blatter-Kohl. French,—Chou Vert.
Spanish,—Breton.

One ounce will produce 3,000 plants.

Sow from the middle of April to the beginning of May in prepared beds; transplant in June, and treat in the same manner as for cabbage. Of all the cabbage tribe this is the most tender and delicate. The varieties are all extremely hardy, and are best when touched by frost.

Dwarf German Purple, or Brown Curled. Very hardy and of fine quality; so handsome that it is frequently grown for ornament. Pkt., .05; oz., .15; ¼ lb., .40

Dwarf Green Curled Scotch. Rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green. Pkt., .05; oz., .15; ¼ lb., .40

Tall Green Curled Scotch. Grows about two feet high; leaves dark green, curled and wrinkled; very hardy, and is improved by a light frost. Pkt., .05; oz., .15; ¼ lb., .40

KOHL RABI

German,—Rohl-Rab. French,—Chou-Rave.
Spanish,—Col de nabo.

One ounce will sow 200 feet of drill.

This vegetable, the popularity of which is rapidly increasing, combines the virtues of the turnip and cabbage, but excels both in nutritive, hardy and productive qualities. The seed may be sown in June in rows 18 inches apart, and the plants thinned out to eight or ten inches in the rows.

Early White Vienna. Best for general table use; flesh tender and white. Pkt., .05; oz., .25; ¼ lb., .60

Purple Vienna. A little later than the White; color bluish purple. Pkt., .05; oz., .25; ¼ lb., .60

Large Green or White. Good for table and also for feeding stock. Pkt., .05; oz., .25; ¼ lb., .60

LEEK

German,—Lanch.

French,—Poireau.

Spanish,—Puerro.

One ounce will plant 200 feet of drill.

The leek is very hardy and easily cultivated; it succeeds best in a light but well-enriched soil. Sow as early in the spring as practical in drills one inch deep and one foot apart. When six or eight inches high they may be transplanted in rows ten inches apart each way as deep as possible, that the neck, being covered, may be blanched.

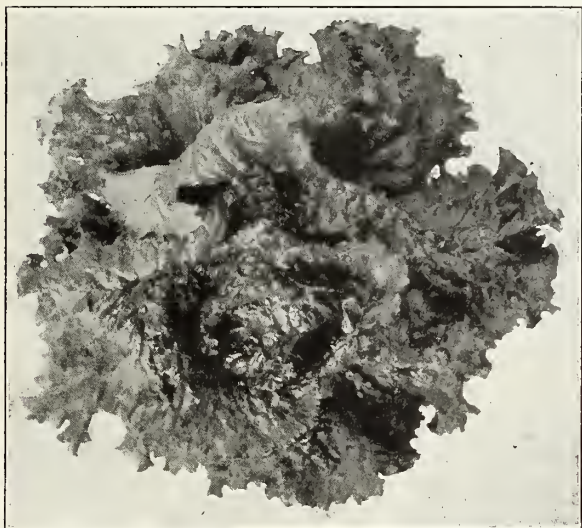
London Flag. Very popular with market gardeners.

Pkt., .05; oz., .15; ¼ lb., .50

American Flag.

Pkt., .50; oz., .15; ¼ lb., .50

LETTUCE



German,—Lattich.

French,—Laitue.

Spanish—Lechnga.

One ounce will sow 100 square feet, or 120 feet of drill.

Requires a rich, moist soil, and to be crisp and tender needs to be grown in cool weather. For winter use, sow in hotbeds every two weeks, at the rate of one ounce of seed to four sashes (a sash is three feet long by six feet wide); cover very lightly, and transplant, first to three inches apart each way, afterward to eight inches. For garden or field, sow in rows, and cover, one-fourth of an inch deep, and thin out to twelve inches apart in the rows. For New England the White Seeded Tennisball for cultivation under glass, and the Black Seeded Tennisball for outdoor use, are the standard varieties.

Big Boston. A most desirable variety, either for forcing in cold frames or open ground planting; always produces large, solid, saleable ends. Pkt., .05; oz., .15; ¼ lb., .40

Boston Curled. Of ordinary quality but great beauty; highly ornamental in growth with its frilled leaves.

Pkt., .05; oz., .15; ¼ lb., .40

Prize-Head Early. Leaves green and red, very thin, crisp and tender; one of the best for private use.

Pkt., .05; oz., .15; ¼ lb., .40

Tennisball Black-Seeded. A very popular sort for open-ground culture; forms a handsome head, and is crisp and tender.

Pkt., .05; oz., .15; ¼ lb., .40

Tennisball, White-Seeded. Extensively grown for forcing and heading under glass; heads firm and good. Crisp.

Pkt., .05; oz., .15; ¼ lb., .40

Simpson Early Curled (White Seed). A leading early sort for forcing or open ground.

Pkt., .05; oz., .15; ¼ lb., .40

Tomhannock. A variety with upright leaves, beautifully wrinkled, edges of outer leaves have reddish tinge; one of the best.

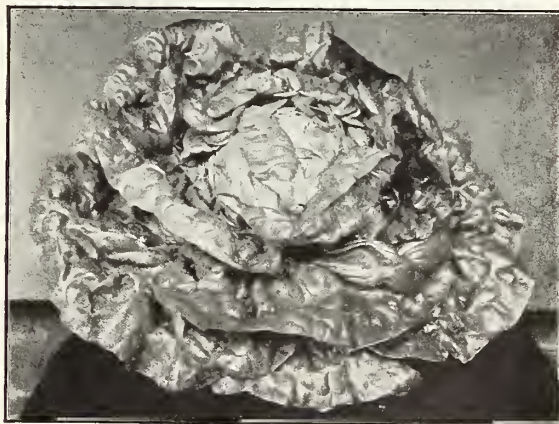
Pkt., .05; oz., .15; ¼ lb., .40

Boston Market. One of the best for forcing under glass, as well as for outside use; forms fair-sized heads, edge of leaves slightly tinged with red.

Pkt., .05; oz., .15; ¼ lb., .40

May King. Probably the finest all-seasons lettuce yet introduced. It is very early and hard, and will stand cold, damp weather better than many varieties. Planted out of doors or under glass it will produce fine solid heads much sooner than any other variety. Outer leaves are yellowish green, tinged with brown, while the inside is a rich yellow.

Pkt., .05; oz., .15; ¼ lb., .40



May King

Grand Rapids. An excellent forcing variety with loose heads and of good size and form.

Pkt., .05; oz., .15; ¼ lb., .40

Brown Dutch. Leaves large, thick, green, tinged with brown; forms large, solid heads; exceedingly hardy.

Pkt., .05; oz., .15; ¼ lb., .40

Hanson. Large, solid heads; tender, crisp, and of a fine flavor.

Pkt., .05; oz., .15; ¼ lb., .40

White Paris Cos. Has long, narrow, upright leaves; does not head, but when tied up blanches very nicely.

Pkt., .05; oz., .15; lb., .40

MELON, MUSK

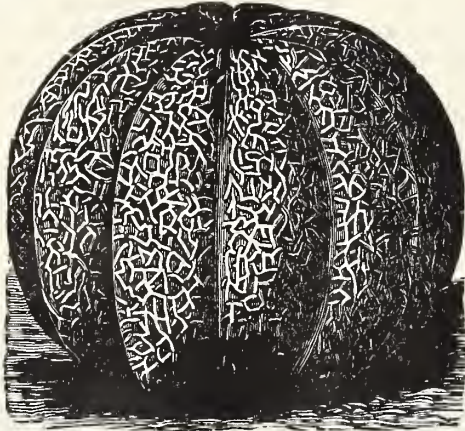
German,—Melone.

French,—Melon

Spanish,—Melon.

One ounce will plant about 50 hills; (2 to 3 pounds in hills) per acre.

Melons thrive best in a light, rich soil. Plant early in May, when the ground has become warm and dry, in hills six feet apart each way for Muskmelons; eight feet for Watermelons. Previous to sowing the seed mix a few shovelfuls of well-rotted manure in each hill, and plant in each twelve to fifteen seeds; after all danger of bugs is over, thin out to three plants per hill. When about one foot long, pinch off the tips to make them branch, as it strengthens the growth of the vines and makes the fruit mature earlier. Feed liquid manure occasionally. A few hills for early use may be had by sowing on pieces of sod in a hotbed, and when warm enough transplant to open ground.



Musk Melon

Emerald Gem Melon. The Emerald Gem is entirely unlike any other muskmelon yet introduced. The melons are about the size of the Netted Gem but unlike that variety, the skin while ribbed, is perfectly smooth, and of a very deep emerald green color. The flesh which is thicker than any other native melon of the same size, is of a suffused salmon color, and ripens thoroughly to the thin green rind, which is distinctly defined. The flesh is peculiarly crystalline in appearance, and so very juicy, sweet and rich that it almost drops to pieces. It matures very early and is quite productive.

Pkt., .05; oz., .15; ¼ lb., .50

Rocky Ford. This new Muskmelon is similar to the oval strain of Netted Gem. The strain here offered originated with the melon growers in the vicinity of Rocky Ford, Col., who have shipped this melon from that distant Western point to eastern markets. The melons grown by them are so fine in quality as to outsell all others, and the demand for such melons has been far beyond the supply.

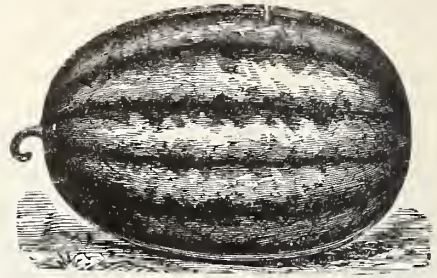
Pkt., .05; oz., .15; ¼ lb., .50

Long Yellow Musk. A long, large melon of peculiar musky flavor; a rich, yellow color, both inside and out.

Pkt., .05; oz., .15; ¼ lb., .50

Early Hackensack. An improvement over the old Hackensack, producing melons of as good quality and ten days earlier. Large fruit, with thick, green flesh of the finest flavor.

Pkt., .05; oz., .15; ¼ lb., .50



MELON, WATER

German,—Waffermelone.

Spanish,—Zandia.

French,—Melon d'Eau.

One ounce will plant 50 hills.

Prices on all varieties of Watermelons as follows: .05 per pkt.; .10 per oz.; ¼ lb., .25.

Citron for Preserves. The old and well-known Preserving Citron; seeds red.

New Florida Favorite. An improvement on the old Florida Favorite, growing to double the size and more prolific. Its perfect shape, bright red crisp flesh, and delicious flavor, make it one of the best melons grown.

Phimney's Early. This is another very early melon, earlier than the preceding; it is hardy and a sure cropper and extensively cultivated in the North.

Peerless or Ice Cream. Very early, flesh firm and sugary.

Cuban Queen. Very productive; flesh bright red, very solid, crispy and sugary.

MUSTARD

German,—Senf.

French,—Moutarde.

Spanish,—Mostaza.

One ounce will sow 75 feet of drill.

As an ingredient, the green Mustard imparts a delightfully pungent flavor to the various forms of prepared salads. For early crops the seed may be sown in a hotbed in March, and for general crop at frequent intervals through the spring, in drills from eight to twelve inches apart.

White London. Considered the best for salads and spinach; leaves light green. It is best when about four inches high.

Pkt., .05; oz., .10; ¼ lb., .15

Brown or Black.

Pkt., .05; oz., .10; ¼ lb., .15

ONION

Select the cleanest, richest land on the farm for the Onion crop. If Onions are grown on the land the previous year, so much the better, but any good corn or potato land will do. Broadcast fifteen to twenty cords of fine, well-rotted manure to the acre and plow not deeper than six inches; harrow thoroughly, cross plow, and harrow again, after which hand rake with wood rake and remove stones

and rubbish. Sow four to five pounds of seed per acre in drills twelve to fourteen inches apart and about one-half inch deep. See that the Seed Drill is equipped with a good roller, that will press the earth firmly upon the seed. Sow as early in the spring as the ground can be properly worked. There is seldom necessity for thinning Onions if the land has been properly manured and seeded. After the Onions are three to four inches high, an application of about five hundred pounds to the acre of fertilizer, rich in available nitrogen, strewn between the rows, will be very beneficial. Keep the Onions growing by never allowing the weeds to get ahead and the acre should produce in a good average season, five hundred to seven hundred bushels. When the tops are down, the Onions may be pulled and left on the ground, and should be frequently turned with a wooden rake until tops are dried.



Yellow Globe Danvers

Yellow Globe Danvers. Undoubtedly the best known and most popular of all onions; the earliest yellow variety; is entirely free from stiff necks. Globular in shape; has a small top. It is the most productive onion grown.

Pkt., .10; oz., .40; ¼ lb., \$1.15

Large Red Wethersfield. We have a very fine and select strain of this sort. Color is deep purplish red, flesh white, moderately grained and very firm. Yields enormously and is one of the best winter keeping onions.

Pkt., .10; oz., .40; ¼ lb., \$1.15

White Portugal, or Silverskin. A large flat, white onion of mild and pleasant flavor; hard and fine grained, and a good keeper. Extensively sown for sets, and is also largely grown for pickling. *Pkt., .10; oz., .40; ¼ lb., \$1.15*

Southport Red Globe. The onions from Southport, Ct., generally command an extra price in New York markets, because of their beautiful shape and color, due partly to the variety grown and partly to the favorable soil and the extra care taken in handling the crop.

Pkt., .10; oz., .40; ¼ lb., \$1.15

Prize-Taker. A Globe-shaped variety of delicate straw color, growing to a very large size. It ripens up hard and firm, the flesh being pure white. Fine grained and of mild, fine, delicate flavor. *Pkt., .10; oz., .40; ¼ lb., \$1.15*

ONION SETS

<i>Potato Onion Sets</i>	qt., .30; pk., \$1.75
<i>Red Bottom Sets</i>	qt., .30; pk., 1.75
<i>White Bottom Sets</i>	qt., .30; pk., 1.75
<i>Yellow Bottom Sets</i>	qt., .30; pk., 1.75
<i>Top Sets</i>	qt., .30; pk., 1.75

Onion Sets should be planted as early in the spring as convenient to obtain early green onions, but they may be set at any time up to June 1. Set in rows a foot apart, and three to four inches between them in the row. Any good soil will suit them. When grown in quantities, high cultivation is given in order to forward the crop for an early market. They are ready for use as soon as the bulbs begin to be of fair size. Those not used in green condition will ripen early in July and make nice onions. Potato and Top onions are grown from bulbs only.

Owing to the conditions which existed at the time of harvesting Onion Sets this past season, it is extremely doubtful if we have any sets to offer, the crop being an almost entire failure.



Moss Curled

PARSLEY

German,—Peterfile.

French,—Persil.

Spanish,—Perejil.

One ounce for 150 feet of drill.

Parsley succeeds best in rich, mellow soil. As the seed germinates very slowly, it should be sown early in spring, previously soaking the seed for a few hours in tepid water. Sow thickly in rows a foot apart and half an inch deep.

Champion Moss Curled. The standard variety.

Pkt., .05; oz., .15; ¼ lb., .35

Buy one of our Columbia Garden Seeders with fertilizer attachment. You can save the price of it in one season in time and seed. It is the most economical of seeders made. Send for catalog and prices.

PEAS

German,—Erbren

French,—Pois.

Spanish,—Guizante.

One quart for 75 feet of drill; one to two bushels in drills for an acre.

Peas come earliest to maturity in light, rich soil. For general crop, a deep loam or a soil strongly inclining to clay is best. For early crops decomposed leaves or leaf-mold should be used; or, if the soil is very poor, strong manure may be used. For general crops a good dressing should be applied, and for the dwarf-growing kinds the soil



Sutton's Excelsior

can hardly be too rich. When grown as a market crop, peas are never staked; for private use they are generally sown in double rows, and the tall varieties staked up by brush. For an early crop sow as soon as the ground can be worked, and make repeated sowings every two weeks for succession. After the first of June sowing should be discontinued until the middle of August, when a good crop may sometimes be secured by sowing an extra-early sort for fall use.

If sent by mail add .05 per pt.; .07 per qt.; and for each additional qt. to same address add .02.

All marked thus (*) indicate wrinkled varieties.

Extra Early Dwarf Varieties

**Bliss American Wonder*. An old variety, but still highly prized for its flavor and quality. Of dwarf, robust habit, growing twelve to fifteen inches in height, and bearing an abundance of good-sized, well filled pods.

Pt., .30; qt., .50; pk., \$3.25

**Sutton's Excelsior*. Ripens early on vines fourteen to

sixteen inches high, covered with a great abundance of long, straight broad pods of a pale green color. Price:

Pt., .30; qt., .50; pk., \$3.25

**Premium Gem*. A fine flavored dwarf, wrinkled variety; height, eighteen inches. Pt., .30; qt., .50; pk., \$3.25

**Nott's Excelsior*. This is the earliest dwarf wrinkled pea. The plant is dwarf and needs no support. The pods are of good size and well filled with large peas of the finest quality. It is as early as the American Wonder, while the vines are much more productive and the pods of larger size. There is no better early dwarf pea. Fifteen inches.

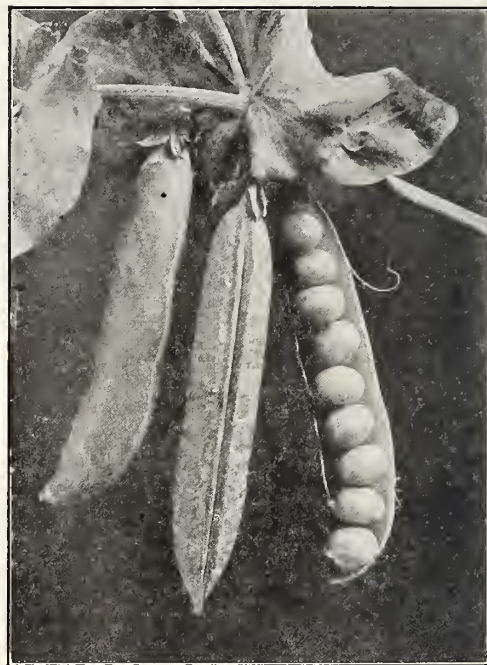
Pt., .30; qt., .50; pk., \$3.15

Extra Early Variety Not Dwarf

Alaska. An extra early round pea bearing pods of a dark green color; two feet. Pt., .30; qt., .50; pk., \$3.25

**Gradus, or Prosperity*. No new variety of peas has ever met with such favor and sale as the "Gradus" has since its introduction in America several years ago. It combines the finest quality with extreme earliness, and is also productive, bearing pods fully as large as Telephone. The color of the shelled peas is a beautiful light green, which color they retain after being cooked; the quality and flavor are delicious, and the peas remain tender and sweet for a long time.

Pt., .30; qt., .50; pk., \$3.25



Thomas Laxton

**Thomas Laxton*. One of the very best of the tall growing, large pod, early peas. The plant is a very hardy and strong grower, producing extra large pods in abundance. The quality is delicious, and cannot be surpassed by any other variety. The "Thomas Laxton" will mature nearly as early as any of the extra early smooth peas, and being a wrinkled sort is much sweeter. Pt., .30; qt., .50; pk., \$3.25

Early Morn.

Second Early Varieties

**Heroine*. One of the very best late kinds. Very long

Pods well filled with deliciously sweet dark green peas. Two feet. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

**Telephone.* A pea of the finest quality, sweet and delicious. Medium late, growing four feet tall with pods of the largest size. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

**Yorkshire Hero.* Bears large, well filled pods on stocky, vigorous vines. A first-class late pea. Two feet.

**Bliss Everbearing.* Medium late and very productive. Two feet tall. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

**Haskell's Dark Green Pod Peas.* Immense pods of the style of the Telephone. A very superior wrinkled pea of quick and robust habit of growth. Pods are very deep green, averaging five to six inches in length and are borne in great abundance. The peas have a peculiarly pleasing flavor sure to satisfy all lovers of the most delicious vegetable. Haskell's Dark Green Pod is a medium late variety growing from three and one-half to four feet in height. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.25

**Duke of Albany or American Champion.* Very fine, large pods, and peas of finest quality. Medium late; three feet. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

**Dwarf Champion.* Possesses all the merits of the reliable Champion of England. A hardy, robust grower producing dark green pods of good size and in great abundance. Quality excellent. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

**Dwarf Telephone (Carter's Daisy).* Similar to the Tall Telephone except in the height of the vine, which is only about two feet. *Crop failed.*

**Admiral Dewey.* An enormous cropper; peas very large and sweet. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

Late Variety for General Crop

**Champion of England.* The standard for quality. Grows four feet tall, very prolific, and still one of the best late peas. *Pt.*, .25; *qt.*, .45; *pk.*, \$3.15

**Improved Stratagem.* A very large, fine pea, growing about twenty inches tall, strong and stocky. Late.

Pt., .25; *qt.*, .45; *pk.*, \$3.15

Mammoth Melting Sugar. (Edible pods.) Large, broad pods, very brittle and entirely stringless. Height four feet.

Pt., .25; *qt.*, .50

White Marrowfat. A good late sort. Cultivated very extensively for the summer crop

Pt., .20; *qt.*, .35; *pk.*, \$2.25

Black-Eyed Marrowfat. An old and standard late variety for garden or field use. *Pt.*, .20; *qt.*, .35; *pk.*, \$2.25

Canada Field. Seeds small white; for field culture only; largely used for sowing among oats. Price on application.

PEPPER

German,—Pfeffer.

French,—Piment.

Spanish,—Pimiento.

One ounce will produce 2,000 plants.

Grown largely for pickles. Sow in hotbeds early in April, and transplant to the open ground when the weather is favorable. They should be planted in warm, mellow soil in rows 18 inches apart. They may also be sown in the open ground when danger of frost is past.

Large Bell, or Bull Nose. A favorite and well-known pickling sort. Is early, large, mild and thick skinned.

Pkt., .05; *oz.*, .35

Long Red Cayenne. A small, long, bright red sort, very productive; extremely strong and pungent.

Pkt., .05; *oz.*, .35

PUMPKIN

German,—Kurbis.

French,—Poitron.

Spanish,—Calabaza.

One ounce will plant 20 hills.

Pumpkins are grown chiefly as food for stock. The usual method of planting is to scatter a few seeds at intervals in the hills when planting Indian corn; in this way good crops of pumpkins are secured with slight labor and expense, and make a valuable addition to the season's crops.



Connecticut Field. The common yellow pumpkin, grown chiefly for feeding stock.

Pkg., .05; *oz.*, .10; $\frac{1}{4}$ lb., .30; lb., \$1.00

Large Cheese or Kentucky Field. A most popular variety. Fruit flattened, the diameter being two or three times more than the length.

Pkg., .05; *oz.*, .10; $\frac{1}{4}$ lb., .30; lb., \$1.00

Sweet or Sugar. A small variety, fine-grained and sweet; the best for table use.

Pkg., .05; *oz.*, .10; $\frac{1}{4}$ lb., .30; lb., \$1.00

PARSNIP

German,—Pastinake.

French,—Panais.

Spanish,—Pastinaca.

One oz. for 150 feet of drill; five pounds in drills for an acre.

Sow in drills as early in spring as the weather will admit, fifteen inches apart, covering half an inch deep. When well up thin out to five or six inches apart in the rows. Unlike carrots, they are improved by frost, and it is usual to take up in fall a certain quantity for winter use, leaving the rest in the ground till spring, to be dug as required.

Prices on all varieties of parsnips as follows:

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .50; *prices in quantity on application.*

Abbott's Improved Hollow Crown. Smooth and quite large; fine sort.

Guernsey. Roots not quite so long as Hollow Crown, but of greater diameter and more easily gathered.

Long Smooth. As name implies, a very smooth, free from roots, and a general favorite.

RADISH

German,—Rettig. Rabies.

Spanish,—Rabano.

French,—Radis, Rave, Petite Rave.

One ounce will sow 100 feet of drill.

Culture. The soil for Radishes should be very rich, light and mellow, well broken by digging as their tender and mild qualities depend very much upon their rapid growth. For very early use sow in hotbeds in February and March and in the open air as soon as the ground can be worked, at intervals of ten or twelve days for a succession as long as they may be wanted. The winter varieties should be sown in August, lifted before severe frost, and stored in the cellar.



Early Scarlet Turnip Radish

French Breakfast. Olive-shaped scarlet, with white tip; crisp and tender. Very early. A general favorite.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Early Scarlet Turnip. A well known and popular variety. Small top of quick growth, mild and crisp.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Non Plus Ultra. One of the earliest forcing radishes, being ready for the table in three weeks from planting.

Roots round and bright scarlet, crisp and delicate.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

China Rose. Bright rose-colored skin; flesh white and quality excellent; one of the best for fall and winter use.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Long White Vienna. Of rapid growth and beautiful shape; skin and flesh snow-white. The finest of long white radishes.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Long Black Spanish. Long, black, flesh white and slightly pungent; one of the latest and hardest.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Round Black Spanish. Skin black; white fleshed and piquant flavor.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Chick's Scarlet Globe Radish. A leader among bright round Red Radishes. Quick maturing, extremely attractive, short tops, solid and fine flavor.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Early Scarlet Turnip, White Tipped. One of the handsomest of the turnip radishes and a great favorite in many large markets for early planting outdoors. It is but little later than the White Tipped Forcing, and will give entire satisfaction where extreme earliness is not the primary object. Roots slightly flattened on the under side; color, very deep scarlet with a white tip; flesh white and of the best quality.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Long Scarlet. Short top. The standard variety of the long sorts, used either for forcing or open culture; six or seven inches long.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

Chartier. Decidedly distinct in appearance from any radish in cultivation. The color at the top being crimson, running into pink about the middle, and from thence downward it is a pure waxy white. It will attain a very large size before it becomes unfit for the table.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ lb., .45; lb., \$1.50

SALSIFY OR OYSTER PLANT

German,—Bocksbart.

French,—Salsifis.

Spanish,—Ostra vegetal.

One ounce will sow 50 feet of drill.

Culture. Sow the seed in light, deep soil, early in the spring, in drills twelve inches apart and one inch deep, thinning out the young plants to four or five inches. The roots will be ready for use in October, when a supply should be taken up and stored, like carrots. Those remaining will suffer no injury by being left in the ground till spring but should be dug up before commencing their growth.

Mammoth Sandwich Island. We consider this the largest and most profitable salsify in cultivation; roots are two to three times the size of the ordinary salsify and of more agreeable flavor. It is pure white in color and invaluable to market gardeners.

Pkt., .05; *oz.*, .25; $\frac{1}{4}$ lb., .75

SPINACH

German,—Spinat.

French,—Espinard.

Spanish,—Espinaca.

One ounce for 100 feet of drill; 10 to 12 pounds in drills for an acre.

This is a very important crop in our market gardens, and is one of the most easily managed of all vegetables, re-

quiring but little culture, and may be had fit for use the entire season. The main crop is sown in September. It is sometimes covered up in exposed places with straw or salt hay during winter, which prevents it from being cut with frost; but in sheltered fields there is no necessity for covering. For summer use it may be sown at intervals of two or three weeks from April to August. Spinach is best developed and most tender when grown in rich soil.

Prices on all varieties as follows:

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .50; *lb.*, \$1.75



Spinach

Giant Thick Leaf. This variety gives the best results. The leaves are large, thick and somewhat crumpled, and it is equally good for spring or autumn sowing.

New Zealand. A valuable variety for the garden as it produces the thick, tender leaves throughout the summer. Grows very large and luxuriantly in warm, rich soil.

Long Standing Thick Leaved. Stands longest before running to seed; dark green.

SUNFLOWER

Mammoth Russian. The standard large-growing variety, which is used largely for feeding poultry.

Pkt., .05; $\frac{1}{4}$ *lb.*, .10; *lb.*, .20

TOMATO

German,—Liebsapfel.

Spanish,—Tomate.

In this latitude to produce extra early tomatoes the seed should be planted in the hotbed about the middle of February, in drills five inches apart, and not over one-half inch deep. When the plants are two inches high they should be transplanted three to four inches apart, and when about four inches high should again be transplanted; this time about five inches apart. Again they should be transplanted about the middle of April into moderately warm beds or frames, and should not be nearer than eight inches. The final transplanting to the open ground may be made the last of May, when the plants should be fine, large and stocky, and if sufficient soil is taken up with each plant, they will keep right on growing with no setback.

For ordinary plants, sow the seed early in March, and transplant, once in the hotbed and from hotbed into cold frames about four inches apart. The last of May they will be ready for the open ground where the Dwarf varieties should be planted $3\frac{1}{2}$ feet apart and the spreading varieties 4 to $4\frac{1}{2}$ feet apart.

Earliana. It is remarkable for its earliness, very large size, handsome shape and bright red color. Its solidity and fine qualities are equal to the best medium and late sorts.

Pkt., .05; *oz.*, .15; $\frac{1}{4}$ *lb.*, .50; *lb.*, \$1.75



Dwarf Champion

Dwarf Champion. Dwarf and strong habit of growth; very solid and of extra quality.

Pkt., .05; *oz.*, .30; $\frac{1}{4}$ *lb.*, \$1.00

Livingston's Favorite. Smoother than the Paragon, is a darker red than the Perfection; ripens evenly, and is as early as any good variety. *Pkt.*, .05; *oz.*, .30; $\frac{1}{4}$ *lb.*, \$1.00

Livingston's Beauty. Very glossy, crimson in color, slight tinge of purple; early; free from rot; skin tough, bears handling remarkably well.

Pkt., .05; *oz.*, .30; $\frac{1}{4}$ *lb.*, \$1.00

Ponderosa. Very large, solid and of a good flavor. Specimens have been grown to weigh four pounds. Bright red. Very few seeds. *Pkt.*, .05; *oz.*, .30; $\frac{1}{4}$ *lb.*, \$1.00

Stone. Fruit very large and deep; bright scarlet, smooth, ripening evenly to the stem without a crack; exceedingly solid and firm-fleshed, of the finest quality; one of the best for family use and for canneries. Late.

Pkt., .05; *oz.*, .30; $\frac{1}{4}$ *lb.*, \$1.00

Chalks' Early Jewel. This is a very productive variety. Ripens nearly as early as Spark's Earliana, but is more desirable for home use as the fruits are thicker through and more solid; borne in large clusters. Color bright scarlet and quality good.

Pkt., .05; *oz.*, .30; $\frac{1}{4}$ *lb.*, \$1.00



Essex Hybrid. Color bright pink; large size, solid, rich flavored; very productive; fine market variety.

Pkt., .05; oz., .30; ¼ lb., \$1.00

June Pink. An early variety, similar in habit to the famous Earliana, differing only in its color, which is pink instead of red. Early, blight resisting, long and heavy yielding. An excellent shipper on account of its reasonably tough skin.

Pkt., .05; oz., .30; ¼ lb., \$1.00

Matchless. Very large, smooth, solid and fine flavor. Cardinal red.

Pkt., .05; oz., .30; ¼ lb., \$1.00

SQUASH

German,—Kurbiss. French,—Cource. Spanish,—Calabaza.

One ounce Early will plant 50 hills; one ounce Marrow, 25 hills.

Culture. The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should be planted four feet apart each way, and the winter sorts eight feet. Three plants are sufficient for a hill. Care should be taken not to break the stems from the squashes intended for winter use, as the slightest injury will increase the liability to decay.

Improved Hubbard. The well-known and standard late variety; our strain is excellent.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Golden Hubbard. A genuine Hubbard Squash except in color, which is a bright red, quality excellent.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Warted Hubbard. A superior strain of mammoth size, and entirely covered with warty excrescences. Rich, dark-green color, and of very best quality.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Giant Summer Crookneck. Double the size of an ordinary Crookneck and very warty, but similar in other respects. Their handsome appearance commands an extra price in the market. *Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50*

Winter Crookneck. An excellent keeping Crookneck variety, lasting several months. Yellow skin, and a well-known squash. *Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50*

Delicious. We have found in this squash all that the originator claims for it. It is the *driest, sweetest and finest flavored squash* we have ever tasted. A fall and winter squash and is a good keeper.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Bay State. Has a hard green shell; good for fall and winter use.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Boston Marrow. Fine fall variety; oval bright orange; flesh yellow and firm; best for pies, and also for canning.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Improved Marblehead. Resembles the Hubbard but is earlier; has a gray, hard shell; a very popular winter sort.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Early White Bush Scalloped. A standard summer variety; good either for home or market garden.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

Essex Hybrid, or Hard-Shelled Turban. A standard winter sort; flesh a trifle darker than the Hubbard; an excellent keeper.

Pkg., .05; oz., .15; ¼ lb., .40; lb., \$1.50

TOBACCO

Connecticut Seed Leaf. Best adapted for the climate of the Northern and Middle States. *Pkt., .05; oz., .30*

TURNIP

German,—Steckrube.

French,—Navet.

Spanish,—Nabo Comun.

Turnips may be sown at all seasons from April to August in our climate, although those will be the best which are sown very early in spring for summer crops, and early in August for a fall and winter crop. A light soil, well manured the previous year, is the best, a few hundred pounds per acre of quick-acting fertilizer will have a tendency to make the roots smooth, and to make the rapid growth so essential in producing sweet and palatable turnips.

Extra Early Purple Top Milan (Flat). The earliest turnip in cultivation and a splendid variety; favorite with gardeners who want first turnips in market. Bulb white, flat, of medium size, with a bright purple top; one of the sweetest and finest flavored of summer sorts.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75

Extra Early White Milan. This is one of our most popular turnips for spring sowing. It is a splendid extra early turnip in which the extreme earliness, small top and taproot of the Purple Top Milan is united with clear white skin and flesh.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75

Purple Top Strap Leaf. Rapid grower and mild flavor. The most popular variety for early use, either for the table or stock.

Pkt., .05; oz., .10; ¼ lb., .35; lb., \$1.25

Yellow Stone. A very popular yellow-fleshed variety; fine for table use. Flesh very firm, tender, sweet and fine flavored; an excellent keeper.

Pkt., .05; oz., .10; ¼ lb., .35; lb., \$1.25

White Six Weeks. Very early, white and sweet. An excellent early table variety.

Pkt., .05; oz., .10; ¼ lb., .35; lb., \$1.25

White Egg. Belongs to the class of quick-growing fall turnips, and for this purpose should be sown in this latitude between August 1 and 10. Its shape is nearly oval or egg, as its name would indicate.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75



Ruta Bagas, or Swedes, should be planted from the last of June to about July 10, as they require more time in which to mature than the Early or Strap Leaf varieties. Newly-turned soil will produce the sweetest and smoothest turnips.

Ruta Baga or Swedish Turnip

Rutabaga Bangholm. Oblong, globular shaped, with very small neck, yellow flesh, very dark purple top, superior to all other Swedes. One of the very heaviest croppers.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75

Long Island Purple. Undoubtedly the finest variety of purple-top Ruta Baga. Leaves few and small; bulbs fine shaped with very short, small necks; purple crown skin and

flesh bright yellow, solid, sweet and mild flavor.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75

White Sweet German. Sweet, and fine flavor. Good keeper.

Pkg., .05; oz., .15; ¼ lb., .50; lb., \$1.75

Imperial Hardy Swede. Claimed by many to be the best Swede turnip grown. Bulb of large size with purple crown; flesh yellow; very smooth and heavy cropper.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75

Skirving's Purple Top. Well-known yellow fleshed variety of large size and fine quality; for stock or table.

Pkt., .05; oz., .15; ¼ lb., .50; lb., \$1.75

SWEET POT AND MEDICINAL HERBS

These are of easy cultivation. As a rule it is best to cut herbs when in flower, wilt in the sun and thoroughly dry in the shade.

<i>Anise. Hardy Annual</i>	Pkt., .05; oz., .10
<i>Balm. Hardy Herbaceous perennial</i>	Pkt., .05; oz., .25
<i>Caraway. Hardy bi-annual</i>	Pkt., .05; oz., .10
<i>Corland. Hardy annual</i>	Pkt., .05; oz., .10
<i>Catnip. Perennial</i>	Pkt., .05; oz., .25
<i>Dill. Biennial</i>	Pkt., .05; oz., .10
<i>Horehound. Perennial</i>	Pkt., .05; oz., .20
<i>Marjoram. Sweet, annual</i>	Pkt., .05; oz., .15
<i>Rosemary. Perennial</i>	Pkt., .05; oz., .25
<i>Rue. Perennial</i>	Pkt., .05; oz., .15
<i>Sage. Hardy perennial</i>	Pkt., .05; oz., .15
<i>Saffron. Annual</i>	Pkt., .05; oz., .15
<i>Summer Savory. Hardy annual</i>	Pkt., .05; oz., .15
<i>Thyme. Hardy perennial</i>	Pkt., .05; oz., .25
<i>Winter Savory. Perennial</i>	Pkt., .05; oz., .15
<i>Wormwood. Perennial</i>	Pkt., .05; oz., .25

VEGETABLE AND FLOWER PLANTS

We have in their season a choice assortment of both vegetable and flower plants.

Tomato Plants. Essex Hybrid. Dwarf Champion, Chalk's Jewel, Earliana, etc.

Cabbage Plants. All Seasons, Stone Mason, Drum-head, Danish Ball Head, Early Summer, etc.

Cauliflower. Snowball.

Celery. Giant Pascal, Boston Market, White Plume.

Flower Plants. Pansies, Geraniums, Verbenas, Stocks, Salvia, Asters.

Our Plants are all grown for us locally and are hardy and vigorous. Prices as low as can be made and furnish good strong, healthy plants.

BIRD SEED

Add 5c per lb. for postage. Price subject to variations of the Market.

<i>Canary. Sicily, selected</i>	14c lb.
<i>Hemp. Russian, first quality</i>	11c lb.
<i>Rape</i>	18c lb.
<i>Sunflower. Russian</i>	10c lb.
<i>Millet</i>	4c lb.
<i>Cuttlefish</i>	5c oz., 75c lb.
<i>Unhulled Rice</i>	8c lb.

Grasses and Grains

NOTE—Owing to the frequent changes in price of Grains and Grasses we have refrained from inserting prices of them in this catalogue. The lowest market price will be quoted on application.

SPECIAL ATTENTION

Though we trust you will give your careful attention to the vegetable section of our seed catalog, we do not want you to overlook that part of it treating on Northern Grown Grass Seeds.

While we carry several grades of the different varieties of seeds, we recommend our Purity Brand as the very best the market affords. These seeds are strictly Northern grown, and are selected by us because they possess the two essential qualities of purity and vitality. It is well known that there have been large quantities of Grass and Clover Seed sold as pure, which official analysis has shown to contain large percentages of adulteration. This not only defrauds the planter by selling him a worse than useless article, but inflicts injury also by filling his land with noxious weeds. We list Grass and Clover Seed according to their quality, grading down from our Purity Brand, which is always the best.

Again we call your attention to the following pages, hoping that our grass-seed business may be of mutual advantage to us both.

Timothy, Clovers, Millets, Red Top

in several grades

Purity Brand Lawn Seeds

Our own mixture, from the purest seeds obtainable.

We can surely please you on this brand.

CHOICE GRASS SEEDS FOR LAWN AND FARM

<p>Timothy Medium Red Clover Mammoth Red Clover Alyske Clover White Clover Crimson Clover White Sweet or Bokhara Clover Alfalfa Clover Red Top Kentucky Blue Grass</p>	<p>Canadian Blue Grass Orchard Grass English Rye Grass Meadow Fescue Rhode Island Bent Meadow Oat Grass Sheeps Fescue Crested Dog's Tail Sweet Vernal</p>
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Grains

Prices subject to Market Changes

<p>Barley, Fancy No. 1, Montana Two-Rowed Barley, Beardless Seed Oats, No. 1, Montana choice Spring Rye. Best Northern grown. Winter Rye. New England grown. Spring Wheat. Northern grown. Winter Wheat. Northern grown. Buckwheat</p>
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Miscellaneous Seeds

	<p>Canada Field Peas Soja Beans Cov Peas</p>	<p>Dwarf Essex Rape Spring Vetch Winter Vetch</p>
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Millets

Hungarian	Japanese	Siberian
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TABLE

Showing Weight per Bushel, also Quantities sown per acre of Grass, Grain and Vegetable Seeds.		Weight per Bushel	Quantity Usually Sown per acre		Weight		
				Meadow Fescue	15 lbs.	(Grains used for pastures, grain lands, etc.)	
				Tall Fescue	15 lbs.		
				Sheep Fescue	12 lbs.		
				Hard Fescue	14 lbs.		
				Meadow Foxtail	8 lbs.		
				Rough Stalked Meadow	14 lbs.		
				Wood Meadow	14 lbs.		
				Crested Dog's Tail	28 lbs.		
				Sweet Vernal	11 lbs.		
				Seed Barley	48 lbs.		2 to 3 bu.
				Seed Wheat	60 lbs.		1½ bu.
				Seed Rye	56 lbs.		1½ bu.
				Seed Oats	32 lbs.		2 to 3 bu.
				Seed Buckwheat	48 lbs.		¾ to 1 bu.
				Flax	56 lbs.		1 to 2 bu.
				Canary	60 lbs.		
				Hemp	40 lbs.		
				Rape, German	50 lbs.		
				Rape, Dwarf, Essex	50 lbs.		
				Corn, Field	56 lbs.	8 to 12 qts.	
				Corn, Fodder	56 lbs.	3 bu.	
				Corn, Sweet	45 lbs.	8 to 10 qts.	
				Beans, White	60 lbs.	1½ bu.	
				Beans, Red Kidney	60 lbs.	1½ bu.	
				Beans, Fancy	60 lbs.	1½ bu.	
				Peas, Smooth	60 lbs.	1½ to 3 bu.	
				Peas, Wrinkled	56 lbs.	1¼ to 2 bu.	

INSECTICIDES and FUNGICIDES

Spray Calendar

Apples—Scab—Use Formula No. 8 before the flower buds open, repeat just after the flowers fall. If the Orchard is badly infected, repeat at intervals of three weeks with two more sprayings.

Bitter Rot—Use Formula No. 5 about the middle of June, or if it has not previously been serious, spray when the disease appears. Give two or three other sprayings at intervals of about three weeks.

Canker Worm, Coddling Moth, Curculio, and other Biting Insects—Use Formula No. 2.

Leaf Curl—Use Formula No. 5 or No. 8 when the trees are dormant.

San Jose Scale—Use Formula No. 8 when the trees are dormant.

Pears—Scab and Leaf Spot—See under Apple.

Raspberry, Blackberry and Dewberry—Anthracnose—Cut out all infected canes in the spring and use Formula No. 5 before the buds open. Spray again at intervals using the same formula. As the fruit ripens, use Formula No. 9.

Strawberry—Mildew—Use Formula No. 5 at first sign of disease.

Rust—Use Formula No. 5 before the buds open. Formula No. 9 before the fruit ripens. After fruiting, apply with Formula No. 5 again as may be needed.

Potato—Blight, Rot and Beetle—Use Formula No. 2 or No. 4 when either appears and again at intervals of ten days as long as either is prevalent. The Bordeaux Mixture is for the Blight and Rot and the Arsenate of Lead or Paris Green is for the Beetles, but either may be used in combination with the Bordeaux Mixture.

Tomatoes—Blight and Rot—Use Formula No. 5 when first fruit is half grown. Spray again in ten or fifteen days. Formula No. 9 should be used when fruit is ripening if any spraying is necessary at that time.

Dandelions—Use Formula No. 10. Do not spray for two days before or after cutting the lawn. Most effective if it does not rain for 20 hours after spraying. Water the lawn and allow the grass to dry before spraying. Young plants should only require one spraying. Old plants are resistive, so repeat when they grow up again. When dandelions are dead, seed in with grass at once. Sulphate of Iron is not poisonous but will discolor clothing.

Wild Mustard—See under Dandelions.

Canada Thistles—See under Dandelions.

SPRAY FORMULA

- 1. Arsenate of Lead—**Use from 3 to 5 lbs. Arsenate of Lead to 50 gallons of water.
- 2. Arsenate of Lead and Bordeaux Combined—**Use from 3 to 5 lbs. Arsenate of Lead to 50 gallons of Bordeaux Mixture. The Arsenate of Lead is used as an insecticide and the Bordeaux Mixture as a fungicide especially recommended for preventing blight.
- 3. Paris Green—**Use 1 to 2 lbs. to 50 gal. water. Paris Green should not be used on peach, cherries or Japan plums, and only with extreme caution on other stone fruits. In mixing Paris Green solutions add Milk of Lime, which prevents the burning of foliage.
- 4. Paris Green and Bordeaux Combined—**Use 1 to 2 lbs. Paris Green to 50 gal. Bordeaux Mixture.
- 5. Bordeaux Mixture—**Copper sulphate 5 lbs.; Lime 5 lbs.; Water 50 gals. In preparing use two one-half barrel tubs. One for Copper Sulphate and the other for the Milk of Lime. The two solutions are now poured into a barrel at the same time; the Lime solution should be kept well stirred. Two men are required to make Bordeaux Mixture, so as to get two liquids poured into the barrel evenly.
- 6. Kerosene Emulsion—**Kerosene, 2 gallons; Whale Oil Soap, ½ pound; Soft Water, 1 gallon.
- 7. Tobacco Decoction—**Tobacco stems and other refuse tobacco, 1 pound; Water, 2 gallons. Boil tobacco stems and other refuse tobacco thoroughly in the water. This solution is sufficiently strong for aphides and other very delicate insects.
- 8. Lime Sulphur Solution—**We find from experience that the Commercial Lime Sulphur Solution is much preferable to the home made solution, as, generally speaking, the mixture is better, being less liable to foliage injury and causing no trouble by clogging of spray nozzle, etc.
- 9. Ammonical Copper Carbonate—**Copper Carbonate 6 ounces; Strong Ammonia (just enough to dissolve the Carbonate) about 3 pints; Water 50 gallons. This is for use only when the fruit is ripe, or nearly so, and we do not wish to discolor it with Bordeaux Mixture.
- 10. Sulphate of Iron—**Dissolve 4 pounds Sulphate of Iron in 2 gallons of water. Strain the liquid carefully through a fine screen of cheesecloth.

We have everything in Spraying Machinery including Hand Traction and Gasoline Power Outfits. Send for descriptive matter or else call at our store and examine them.

Pure Paris Green—Ansbacher's



After having tried several of the other kinds of Paris Green we are convinced that Ansbacher's has no superior, consequently are handling this kind exclusively.

The price of Paris Green not being established at this time of going to press, we will be pleased to quote prices on application.

lead consistent with good mixing qualities.

It contains less than one-half per cent. Soluble Arsenic. Kills all leaf-eating insects. Mixes readily with water. Sticks to the foliage.

Grasselli Arsenate of Lead is used to destroy all leaf-eating insects attacking fruit trees, shade trees, vegetables, flowers and shrubbery, such as Coddling Moth, Curculio, Canker Worm, Tussock Moth, Elm Leaf Beetle, Gypsy and Brown Tail Moths, Potato Beetle and all similar insects that feed upon the fruit and foliage.

Mix with the required amount of paste as received, enough water to make a thin paste that will pour readily before putting into the spray tank.

Apply thoroughly in a fine mist under good pressure as soon as the insects put in their appearance, or where past experience has shown that certain insects are to be expected at a certain time, it is well to apply Arsenate of Lead in advance of their appearance.

Grasselli Arsenate of Lead
Grasselli Arsenate of Lead paste contains 15 per cent Arsenic Oxide, combined with the maximum amount of

It should always be borne in mind that all insect pests can be more readily killed when young and before they have attained their growth.

Grasselli Arsenate of Lead Paste may be used with either Lime Sulphur Solution or Bordeaux Mixture, combining in one application treatment for both insects and fungi.

Grasselli Arsenate of Lead Powdered

Grasselli Arsenate of Lead Powdered is usually used in the dust form. Apply as received, by finely dusting on the foliage. If mixed with water use 1 pound to 1½ pounds to 50 gallons of water except for Potato Beetles. Use two to three pounds to 50 gallons of water on potatoes, applying 50 gallons or more per acre.

Grasselli Lime Sulphur Solution

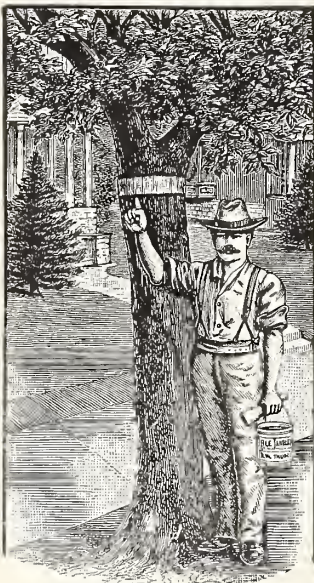
Grasselli Lime Sulphur Solution contains 33 per cent. combined lime and sulphur in solution at 32 to 33 degrees Beaume, the maximum that will stay in solution under the various climatic conditions to which it is liable to be exposed.

It is a clear, cherry color liquid, free from sediment and works through the nozzles easily.

Grasselli Lime Sulphur Solution is used as an insecticide to control San Jose Scale, Oyster Shell Scale and all sucking or scale insects. For this purpose it is used at a dilution of 1 gallon to 9 to 11 gallons of water and applied during the dormant seasons, either after the leaves drop in the Fall or before the buds open in the Spring. The Spring applications just before the buds open will control Leaf Blister Mite.

Lime Sulphur Solution as a Summer spray replaces Bordeaux Mixture. The use of Lime Sulphur solution and Bordeaux Mixture in same application is unnecessary.

Tree Tanglefoot



For protecting trees against climbing insect pests in a simple, economical and effective way, use Tree Tanglefoot—a sticky substance applied directly to the bark of trees. One application remains sticky on the trees three months fully exposed to the weather. Easily applied with a small wooden paddle. One pound will make a band 7 to 8 feet long.

Price, 1 lb. can., .45
3-lb. can, \$1.30
Postage extra.

Rat Corn

Will exterminate Rats, Mice, and Gophers from your premises in a *Safe, Sane and Sanitary Manner*.

Do you further know that in addition to killing millions of human beings by infecting them with Bubonic Plague, the Rat carries Trichinosis and Ten other Parasites? It has Leprosy and Cancer. Isn't it horrible to think of? You don't want unnecessary doctor's bills! Don't have them! They are among the unnecessary taxes. Stop paying these avoidable sickness taxes.

It mummifies them. No matter where they die they simply DRY UP. Positively do not smell.

Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world; the only one that kills rats without any bad, dangerous or disagreeable effects. A trial will convince you. *Prices: Small, .30. Medium, .50. Large, \$1.00. Postpaid.*

RAT CORN



After eating Rat Corn he is mummified

WILL KILL FLIES

Formerly Known as *Rough-on-Flies*.



Kills flies, vermin and lice. Increases the yield of milk. Insures more eggs and better poultry. Kills lice on cattle and sheep ticks. Heals scab and hoof rot. It is an excellent disinfectant. Every gallon guaranteed. *One gallon cans, price per gallon, \$1.50.*

Cow's Favorite Fly Oil

Protects the stock, drives the flies away, means money in the farmer's pocket. Just the preparation for the dairyman or farmer. One gal. cans, per gal., .70.



Bug Death

This non-poisonous Insecticide and Plant Food is now too well known to need any detailed description.

Prices on Application.



Pat. March 16 and Nov 9, 1907

Insect Powder and Bellows Combined



Red Wing is the best Insect Powder that can be procured and once you try it you will use no other. For the destruction of Roaches, Bed-Bugs, Fleas, Moths, Ants, Flies, etc. *Prices, Small, 10c, Parcel Post 5c. Large 25c. Parcel Post 6c.*

Crenoid

Barrett's Crenoid is an up-to-date preparation from coal tar of invaluable service to the poultrymen, stock raisers and farmers. It eliminates flies and mosquitoes and insures sanitary conditions in stables, stock sheds, around barnyards, etc. *Price, gallon cans, \$1.00*



STERLINGWORTH LIQUID LICE & MITE KILLER

If, after using Sterlingworth Liquid Lice and Mite Killer, you believe it is not better than any other preparation you ever used for killing lice and mites in poultry houses, state the facts to us and we will refund the purchase price.

Prices: 1 qt., .40; postpaid, .50; 2 qt., .65; postpaid, .80; 1 gal., \$1.00.

These candles are the most satisfactory Sulphur Fumigating Candles made. They burn three hours.



Prices: .10 each; Postpaid, .15; One Dozen. \$1.10 postpaid.



STERLINGWORTH WEED KILLER

It is a powder for use by dissolving in water. It kills all weeds in walks, drives and tennis courts where no vegetation is wanted. It is applied with an ordinary watering pot. One pound makes ten gallons. *Price: 1 lb., .60.*

STERLINGWORTH NO-SCAB

For preventing potato scab, oat, wheat and grain. Mix one pound to fifteen gallons of water. Directions on label.

Price: 8 oz. bottle, .50.



STERLINGWORTH DIARRHOEA REMEDY

This is a money back guaranteed remedy for white diarrhoea in young chicks and for all bowel trouble in grown fowls. It is the original White Diarrhoea Remedy. It is a powder to be used in the fowls' drink.

Prices: 25 and 50 cents postpaid.



STERLINGWORTH SHEEP DIP

A standard preparation for preparing an effective and economical dip for ridding sheep of ticks, lice and scab.

One gallon makes 56 by mixing with water. *Prices: 1/2 gal., .85; postpaid, \$1.00.*

Cooper's. Enough to make 25 gals, .65; postpaid, .75
Dr. Hess. Quart can, .40; postpaid, .50; two-quart can, .60; postpaid, .75.

We claim that Sterlingworth Lice Powder

STERLINGWORTH LICE POWDER

is the one best lice powder. You can see the dead lice drop from the bird treated with this powder. If it is not better than any lice powder you have ever used we will cheerfully return your money.

Prices: 5 oz., .10; postpaid, .15; 15 oz., .25; postpaid, .32; 48 oz., .60; postpaid, .68.



This is prepared exclusively for aphids or plant lice and spiders on house plants and vegetables. It is useful against most of the small sucking insects which infest house plants and greenhouse flowers. It is used by diluting one part of killer in fifteen parts of water and may be applied by spraying or sprinkling.

Prices: Home size, one quart, .50; postpaid, .60; greenhouse, one gallon, \$1.50, by express.



STERLINGWORTH CREOLUSOL

An ideal liquid Disinfectant, Germicide, Cleanser and Deodorizer. Has great powerful antiseptic and healing properties. It is a purifier and one of the best disinfectants for private or public sanitation.

Prices: 1 qt., .30; postpaid, .40; 1 gal., \$1.50, by express; 2 qt., .50; postpaid, .65.

For squirting into the holes made by the Flat or Round-head tree borers. An ordinary oil can is just the thing for applying. Directions on can.

STERLINGWORTH BORER OIL

Prices: 1 pt. can, .30; postpaid, .40.



All Prices Subject to Change Without Notice.

Sterlingworth Dry Bordeaux

Fungicide

This preparation is a fungicide in dry powder form for preventing many fungous growths, blights, rots, mildew anthracnose, etc, attacking apple, pear, grape, nursery stock, currant, gooseberry, potato, tomato, strawberry, celery, beans, asparagus, plants, shrubs, etc. It does not kill insects. For a dry powder Bordeaux Insect Killer see *Dry Bordeaux and Paris Green Compound*.

It is used either dry as a dust or it may be mixed with water and used as a spray.

As a dust for fruit trees (except Japanese plum and other trees with tender foliage), etc., it is used by adding fifteen to twenty pounds of lime dust to one pound of *Bordeaux*; for potatoes, two to five pounds of lime to one pound of *Bordeaux* gives best results.

As a liquid ten pounds of this material to fifty gallons of water is generally effective. *PRICES*: 1 pound box 40c



STERLINGWORTH CUT WORM KILLER

A coarse powder for sprinkling near plants to be protected. It has an enticing odor, and cut worms prefer it to vegetation. No guess work about its effectiveness, it gets them every time. The dead cut worms "tell" the story. One pound is sufficient for 100 plants in hills and 100 lineal feet in rows. Stop feeding your plants to cut worms.

Prices: 1 lb., .30; postpaid, .37. *Prices on larger quantities on application.*

STERLINGWORTH KEROSENE EMULSION



It kills the green plant louse scale and most soft bodied and sucking insects.

Price: 1 pt., .30; postpaid, .40; 1 qt., .45; postpaid, .55.



STERLINGWORTH LIQUID BORDEAUX

A fungous remedy in the form of a thick paste. It is a preventative of rots, rusts and blights, mildews, etc., on fruits and vegetables. One gallon makes 10 to 50 gallons of mixture ready to use by adding water.

Prices: 1 qt., .40; 1 gal., \$1.25.

Sterlingworth Dry Bordeaux and Paris Green Compound

This is a dry Bordeaux powder to which has been added a poison and so mixed as to be an insect killer as well as a fungous remedy. *Prices*: 1 lb., .50.



STERLINGWORTH FISH OIL SOAP

Kills most sucking insects on trees, plants, vines and rose bushes. To use, cut in shavings and dissolve in water. Contains tobacco extractive matter.

Prices: 1 lb., .25; postpaid, .30.

Crow Tar

Thoroughly reliable tar made especially for using on corn as prevention against crows. Give the corn a thin coating which quickly dries so that there is no trouble in putting through planter as in the case with tar preparation not made especially for that use. *Price on Application.*

A combined insect killer and fungous remedy. It does what Bordeaux, Paris Green and Arsenate of Lead will do, all with one spraying. It contains a sticker that makes it stick like glue. It is the best spray made for potatoes. It kills the bugs and prevents blights, rots, rusts at one application. Excellent for apple, pear and small fruits and vegetables. Controls the apple maggot, codling moth, canker worm, bud moth, kills hundreds of eating worms and insects and prevents scores of fungous diseases that attack vegetables and fruits. Ar-Bo is the great potato spray. Its use on potatoes gives the crop in many instances as much as three weeks to mature. Do not think of trying to raise potatoes without it. Use it once and you will never use any thing else. It is a paste about the consistency of thin putty and is made ready for use by mixing at the rate of one pound to five gallons of cold water. It does not clog the spray nozzle. Apply with any hand or power spray pump. Full directions on label.

STERLINGWORTH AR-BO



Prices: 1 lb., .35; 5 lbs., \$1.15; 10 lbs., \$2.15. *Larger sizes, prices on application.*



STERLINGWORTH SCALE KILLER

It kills San Jose Scale and Oyster Shell Scale

when properly applied, and helps protect trees from reinfestation. It covers more surface, is more effective and cheaper. It is easier to use than sulphur sprays. Kills every scale it strikes. It is a miscible oil for mixing with water. One gallon makes 12-15 gallons by mixing with cold water. *Prices*: 1 gal. \$1.00.

For use against leaf-eating insects such as rose slugs, currant worms, cabbage worms and many other leaf-eating insects where mild poison is required, as Powdered White Hellebore.

STERLINGWORTH POWDERED HELLEBORE



Prices: ¼ lb., .25; postpaid, .30; ½ lb., .40; postpaid, .45.

Prepared Bordeaux Lime
Fertilizer Ground Bone
Chloride of Lime

Lye or Potash
Coal Tar
Sulphur

All Prices Subject to Change Without Notice.

Incubators, Brooders and Hovers

GENUINE

Cyphers Company Incubators

PATENTED



MADE IN FOUR SIZES.

Standard Cyphers Incubators

These are the machines that for sixteen years and more have been recognized as the "Standard hatchers of the world." Tens upon tens of thousands of them have been sold and are in *successful use in every civilized country on the globe*. They are used by more Government Experiment Stations, on more large, practical poultry plants, on more successful duck and egg farms, and by a larger number of foremost poultry breeders than all other makes combined. They are the last word to date in incubator building, not a penny being spared anywhere in their construction to make sure of their doing satisfactory work in *all climes, under widely different conditions*, in the hands of all sorts of people. They are built to hatch *and to last*. With ordinary care they should last an ordinary lifetime. Every Standard Cyphers Incubator is guaranteed by the manufacturers to do first-class work in the hands of every purchaser who will give it a fair trial. Are built in four popular sizes.

70 Egg size, shipping weight 93 lbs.	\$16.00
144 Egg size, shipping weight 145 lbs.	25.00
244 Egg size, shipping weight 195 lbs.	37.00
390 Egg size, shipping weight 245 lbs.	44.00

Columbia Hot-Air Incubators

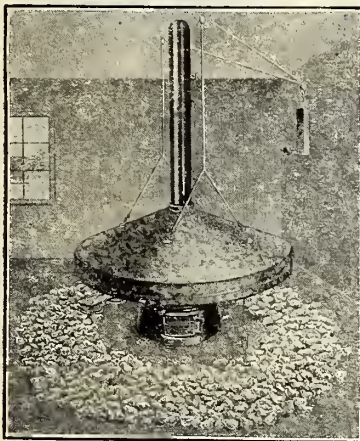
Are built to meet the wide-spread demand for large capacity, lamp-heated machines that can be sold at *surprisingly low prices* and yet be guaranteed to do high-class work. Have wooden cases, attractively finished in dark green, with brass trimmings and double walls. Seamless-bottom lamp bowls, best quality brass burners, *zinc and steel standard Cyphers toggle-joint thermostat and same regulating equipment as used on highest priced machines*. Fume proof, forced draft heater, asbestos covered and metal banded. Automatic in ventilation and embodies diffusive principle. Roomy chick nursery under trays. Are made in two sizes.

140 Egg size, shipping weight 83 lbs.	\$16.25
250 Egg size, shipping weight 114 lbs.	22.50



MADE IN TWO SIZES.

Cyphers Coal-Burning Colony Hover



Coal-burning Colony Hovers are designed to meet the great demand that now exists for a comparatively inexpensive means of brooding chicks. With a good colony hover, 300 to 800 or even 1,000 chicks may be brooded in a single flock. The chicks not only find sufficient hover room in the large "warm zone" under the dome where they assemble at night or when they require special warmth, but the entire room in which the hover is located is heated to a comfortable temperature. Even in cold weather the chicks can be allowed to scatter all over the room.

The Cico Coal-Burning Colony Hover is well made and practical in design. The ash pit is of good size and easy to clean. The grate is of the best type. A mechanical device makes it impossible for the fire to dump accidentally. The whole is without complicated parts.

The Cico Coal-Burning Colony Hover is well made and practical in design. The ash pit is of good size and easy to clean. The grate is of the best type. A mechanical device makes it impossible for the fire to dump accidentally. The whole is without complicated parts.

We quote an especially low price on this practical, efficient colony hover and back it by the same liberal guarantee that goes with all Cyphers Company's products.

The Cico Coal-Burning Hover is sold with complete equipment, consisting of dome, automatic regulator, cords, pulleys and hooks, and one length of stove pipe—price complete, \$15.00.

Superior Hot-Water Incubator



MADE IN TWO SIZES.

In the Superior you get a hot-water incubator that is well built, well insulated and up to Cyphers standards in all details of design, material and workmanship. It is equipped with Cyphers Company's regular patented toggle-lever regulator; it has a high grade water heating system; it can be operated more easily than any other hot-water machine;

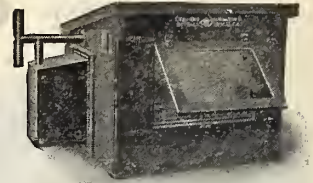
and it will out hatch and outlast any hot-water incubator on the market at anywhere near the price. It is well made and handsomely finished—nothing cheap about it in appearance. Built in two sizes and at prices as follows:

65 Egg size, weight 43 lbs.	\$11.75
130 Egg size, weight 68 lbs.	16.25

Cyphers Company Brooders and Hovers

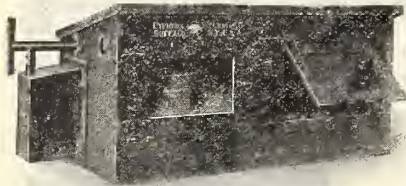
Standard Cyphers Brooders

The Standard Cyphers Brooders are not only fire-proofed and insurable, but are most durable, convenient and most efficient indoor and outdoor brooders thus far invented and placed on the market. They are equipped with the same type of high-grade thermostat as used on the Standard Cyphers Incubator—you can therefore depend upon an even, steady temperature in the hover, and a lively, thrifty growing lot of chickens.



Style A. Two-Apartment Brooder

These Cyphers 1918 Brooders, all sizes and styles, are self-regulating, self-ventilating and varment proof. They are usable also as colony coops for the growing chicks. They are easily and readily converted into colony roosting coops by simply taking out the hover, which is made removable for that purpose.



Style B. Three-Apartment Brooder

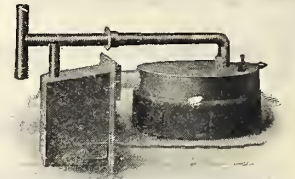
THIS DOUBLE USE of the Cyphers Brooder means a considerable saving of money. It makes a safe and comfortable enclosure for the young chicks at night, and saves the buying of a coop for them. These outdoor brooders, on account of their fire-proof construction, can be used indoors equally well. All Cyphers 1918 Brooders contain either two or three apartments. The popular Style B (shown in illustration herewith) contains three apartments; first, roomy space under the hover; second, hover chamber; third, well-lighted exercising apartment. It has often been said by users of Cyphers Brooders that "They Mother the Chicks Better than a Hen."

Style A and B. Prices:

Style A. 2-Apartment Outdoor Brooder, shipping weight 135 lbs.	\$17.00
Style B. 3-Apartment Outdoor Brooder, shipping weight 200 lbs.	21.00

Cyphers Adaptable Hover

The Cyphers Adaptable Hover is self-ventilating and self-regulating. It supplies a continuous flow of fresh, pure, warmed air under the hover, and at the same time maintains a steady, uniform heat. All the essentials of successful brooding of chicks are automatically provided. It is "adaptable" to use in Colony Coops, in portable houses, in home-made brooder coops, such as dry goods boxes, piano boxes and organ cases, as well as in large brooding houses. It is constructed entirely of non-combustible material, and bears the fire underwriters', Inspected Brooder label. Capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight, 38 lbs. Price, \$10.00.



Cyphers Portable Hover

The Cyphers Portable Hover is the only self-regulating and self-ventilating Portable Brooding Hover thus far invented, and it is equipped with the same high-grade thermostat as the Cyphers Incubators and the Cyphers Adaptable Hover, it maintains a steady and uniform heat. It is positively and infallibly automatic in ventilation, preventing the trapping of "dead" air or poisonous gases underneath the curtain. A continuous supply of fresh, warmed air is automatically forced beneath the hover.

This Portable Hover, as its name indicates, can be picked up at any time, all complete, and moved about without hindering its operation. Very convenient for cleaning and moving. Rated capacity, seventy-five newly hatched chicks, or fifty chicks that are ten days to six weeks old. Weight, 38 lbs. Price, \$10.00.



Globe Chick Feed

"Be sure you're right—then go ahead" is a time-worn phrase, but never has it struck a warning chord clearer than when starting to feed day-old chicks. There is no time during the life of the chick that the correct proportion of albuminoids and carbohydrates in feed is so important, because this feed supplies the nutrient to development of the egg within the egg-organs of the hen. Globe Chick Feed can be fed to baby chicks with absolute confidence that it is composed of the RIGHT ingredients in the proper portions.

Made from Cracked Wheat, Cracked Kaffir Corn, Millet and Hulled Oats.

Described in detail on page 40.

Food will win the war

As food saving will be a constant issue until peace returns, we gladly donate this small space to a great volunteer movement now under way, along the lines of the Food Administration Advertising.

WHEAT—Don't waste it

1. Eat less wheat-bread.
2. Don't waste a single slice; make toast, pudding, etc., of all stale bread.

All Prices Subject to Change Without Notice

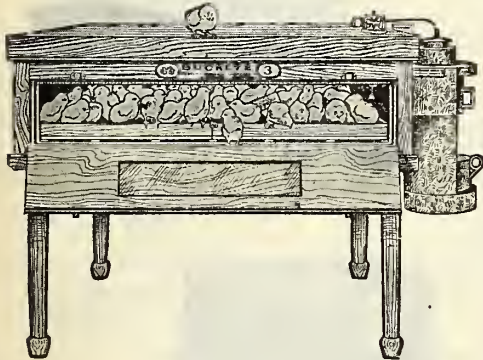
BUCKEYE INCUBATORS

The "STANDARD" Hot Water Hatching Device

Guaranteed to Hatch Every Hatchable Egg

During the 26 years that Buckeye Incubators have been on the market they have earned the reputation of being "The most satisfactory hatching device that has ever been produced."

Each and every Buckeye is sold under an absolute guarantee to hatch every hatchable egg and we have no hesitation in recommending to our trade under that guarantee because we have sold hundreds of them during the past five years that have given our customers the most remarkable hatching results.



"STANDARD" Buckeye Incubators

These incubators bear the Underwriters Fireproof Label. Equipped with every desirable device to be found on any incubator.

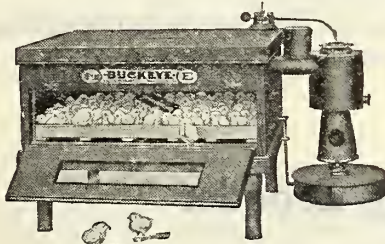
Guaranteed to remain in perfect working order for 5 years.

- No. 1 Capacity 110 Eggs, Shipping Weight 110 lbs. \$24.50
- No. 2 Capacity 175 Eggs, Shipping Weight 135 lbs. \$29.50
- No. 3 Capacity 250 Eggs, Shipping Weight 200 lbs. \$39.50
- No. 4 Capacity 350 Eggs, Shipping Weight 230 lbs. \$47.00

BUCKEYE INCUBATORS

STYLES E and H

- No. 14 Capacity 60 Eggs, Style E Low Down, Shipping Weight 55 lbs. \$10.50
- No. 15 Capacity 60 Eggs, Style H, Shipping Weight 75 lbs. \$14.50
- No. 16 Capacity 110 Eggs, Style E, Shipping Weight 85 lbs. \$18.50
- No. 17 Capacity 200 Eggs, Style E, Shipping Weight 125 lbs. \$24.50



Buckeye Style E



Buckeye Style H

Klose
Kontakt

Kant
Krowd

Portable Hover or Artificial Mother

Constructed after nature's own plan. The only Hover ever invented that completely safeguards the little chicks regardless of the foolish inclinations of the chicks themselves.

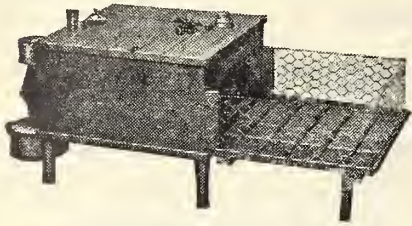


- No. 150 Kant Krowd Hover, 125 to 150 Chicks, Shipping Weight 100 lbs. \$6.00
- No. 75 Krowd Hover 60 to 75 Chicks, Shipping Weight 60 lbs. \$5.00

All Prices Subject to Change Without Notice.

Buckeye Brooders

It is a matter of record that poorly constructed brooders are responsible for the death of more chicks than all other causes combined, so we consider it most advisable to call attention to the importance of using a type of brooder which we know will properly care for the chicks after they are hatched.



Indoor Brooders

Top heat—circulating hot water. Self-regulating.

- No. 1 Capacity 60 chicks, shipping weight 50 lbs..... \$4.00
 No. 3 Capacity 100 chicks, shipping weight 80 lbs..... \$5.00

Outdoor Brooders

Top heat—circulating hot water. Self-regulating—storm proof.

- No. 2 Capacity 50 chicks, shipping weight 90 lbs..... \$6.00
 No. 4 Capacity 100 chicks, shipping weight 100 lbs. \$9.00



Buckeye Portable Brooder

The oil burning brooder with all the desirable features of the modern coal burner. It is the only oil burning brooder that provides every ideal condition which you know to be necessary to the health and growth of the chicks, and its construction is so simple that the operator cannot go wrong. There is nothing to adjust, nothing to get out of



order, nothing to look after but the lamp, and that requires filling but once in 24 hours.

- No. 20 Diameter 19 in., capacity 60 chicks, shipping weight 19 lbs. Price \$7.50



Security Portable Brooder

Centrally heated by an oil lamp. Chicks hover at the curtain, making crowding impossible.

- Diameter, 30 in., capacity 150 chicks, shipping weight 60 lbs. Price \$15.00

Standard Colony Brooder

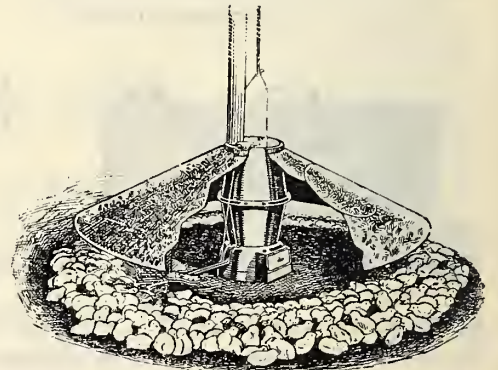
A Brooder that enables any poultryman to care for 1,000 chicks with about the same amount of time and labor that formerly took to care for 100.

A Brooder that provides a constant correct temperature, a constant supply of pure, fresh air, plenty of exercise, and no possible chance for crowding—every essential for the welfare of the growing chicks—with such automatic regularity that all possibility of unfavorable conditions so commonly found in other brooders are entirely eliminated.

Send for complete Buckeye Catalog.

TWO SIZES

- No. 18 Dome 42 in. weight 75 lbs., capacity any number of newly hatched chicks up to 500. Price..... \$17.50
 No. 19 Dome 52 in. weight 94 lbs., capacity any number of newly hatched chicks up to 1,000. Price \$21.50



All Prices Subject to Change Without Notice

International Sanitary Hovers



Advantages possessed by the International Hover and not to be found in any other brooding device.

1. It is warmer at the curtain than near the center. This causes the chicks to distribute themselves just back of the edge of the curtain where they have a consistent supply of fresh air and plenty of room.

2. It is entirely circular and has no corners for the chicks to crowd into.

3. The lamp holder can be lifted out through the top of the hover by a person standing up. This makes it unnecessary for the operator to kneel in dust and mud to tend his lamp.

It gives ample heat under the hover without so heating the surrounding floor space as to cause leg weakness among the chicks.

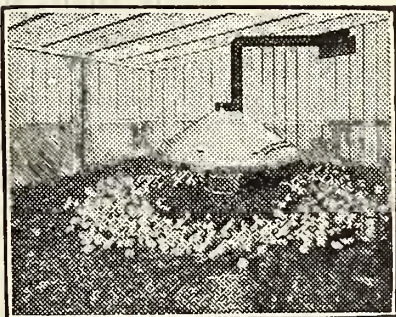
Send for Full Descriptive Catalog.

Price \$8.50

NEWTOWN Colony Brooder

Coal-burning, Self-regulating.

Instead of spending time and energy and tending ten or more small lamp brooders and caring for the same number of small flocks the poultry raiser now rears 500 or 1200 birds around one Newtown Colony Brooder that burns coal and automatically regulates its own temperature.

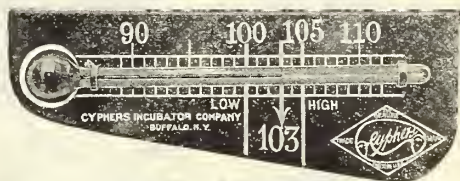


Instead of increasing the cost of insurance on his buildings or taking big chances of destruction by fire of his plant and chicks, as a result of burning oil, coal-burning New-

town Colony Brooders are now employed, which are just as safe as the kitchen range and home heater.

Come see the one set up at our store and prove for yourself that your one best investment is Newtown.

Descriptive circular and prices sent upon request.



High Grade Tested Thermometers

Cyphers Incubator Thermometers .....	.50; postpaid .55
Buckeye Incubator Thermometers.....	.60; postpaid .65
Incubator Thermometers with legs .....	.60; postpaid .65
Hover Thermometers .....	.50; postpaid .55
Brooder Thermometers .....	.65; postpaid .70

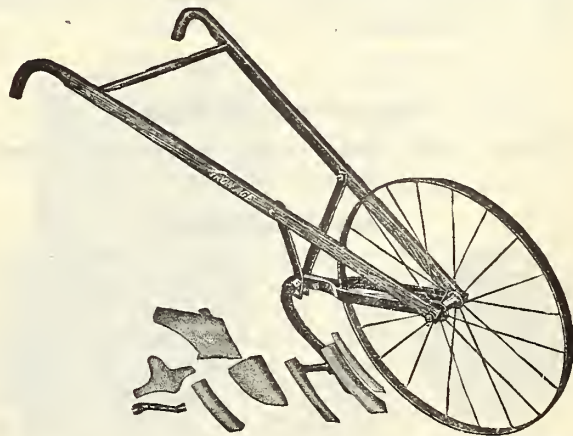
Cyphers Safety Brooder Stove



Cyphers Safety Brooder Stove consists of a brass oil fount and a safety water pan of the same metal, that holds nearly a quart of water and extends out over the entire surface of the oil bowl, thus placing a sheet of cold water an inch

to an inch and a half in thickness between the oil in the oil fount or bowl, and the flame.

Price, each, \$2.00



No. 19C. Iron Age Wheel Hoe..... \$6.00

All Prices Subject to Change Without Notice.

"PURITY BRAND" POULTRY FEEDS

Always Ready

No Waste

No Dirt

Our trade-mark brand of Poultry and Chick Feeds represent strictly high-grade mixtures—manufactured from Sweet, Sound Cracked Grains and Seeds—scientifically proportioned and in sizes best adapted for feeding, carefully sifted and re-cleaned. No pains are spared to produce Feeds of the greatest value—best quality and uniform grade—the standard of which is maintained at all times.

It is a recognized fact that sound and sweet grain contains a larger percentage of nutriment, strengthening and fattening properties, naturally producing better and quicker results than unsound, damaged and musty material.

Globe Chick Feed

A complete Grain Feed for Chicks from time they are hatched until 8 or 10 weeks old



Clean Sound Sweet

A standard mixture of re-cleaned Cracked Grains and Seeds, Hulled Oats, fine Granulated Bone and fine Charcoal. Specially selected for size, and composed of ingredients necessary in promoting healthy and rapid growth.

This is the critical period of chick life, and Globe Brand is prepared especially to meet the emergency. It produces healthy and rapid growth, and is intended for feeding until the chickens are large enough to be fed the coarser Developing Feed.

Globe Developing Feed

An Intermediate Feed for Growing Chicks.

A Coarse Grain Chick Feed to meet the requirements of growing chicks from the time they have outgrown the Globe Chick Feed until large enough for Globe Scratch Feed.

Screened and graded to adaptable size. Mixed and re-cleaned by the most approved methods. This feed like all other "Dickinson's Brands," is composed of the choicest materials obtainable.



"Globe" Scratch Feed

A Balanced Grain Ration Poultry Feed for Grown Fowls. Suitable at All Seasons.

Clean Sweet Sound

Under this brand we offer our standard mixture of Poultry Feed manufactured from Selected Cracked and Whole Grains and Seeds, scientifically mixed to furnish a complete balanced ration, with an assortment of material best adapted for rapid growth and egg production. The protein, fat and carbohydrates are so maintained as to form the greatest feeding value and produce the best results.



Queen Poultry Mash

Contains Alfalfa Meal During Winter. Proportions changed to meet requirements of different seasons.



Clean Sweet Sound

A selected mixture of ground feeds manufactured from the choicest, sound, sweet and wholesome grains. It is carefully prepared and contains ingredients in proper proportions essential to the health and growth of the fowl.

Splendid bone builder and especially helpful during the molt. Also contains Beef Scraps and Charcoal, recognized necessities for health and egg production.

Globe Egg Mash

Invaluable as a Supplementary Feed for Winter Laying. 15% Meat Scraps and Oil Meal—16-18% Protein. Can be fed dry or moistened as preferred. The regular grain ration should be supplemented once a day by some mixture of ground feed containing high protein.

An Ideal Feed for Growing Fowls and Laying Hens.



Purity Alfalfa Meal Medium Cut

As an accompaniment to the mash fed by some, and the dry feed by others, a vegetable food is indispensable, in fact, no mash is complete without it. Among green feeds, Alfalfa stands at the top, and when used with the mash, Medium Cut Alfalfa is mixed dry with other foods, and scalded or boiled with them, as the poultryman desires. When fed in connection with dry grains it should be scalded in a trough or other vessel and left for the fowls to eat at will.

All Feeds listed above come in 100 pound bags. Samples and prices on request.

We give no warranty, expressed or implied, but we buy our Seeds from reputable Seedsmen and we carefully test them before putting on the market. Goods not accepted on these terms must be returned at once, prepaid.

Sterlingworth Charcoal



Is especially prepared for poultry, carefully screened and is different than other charcoals. Goods are put up in 50-pound burlap bags and in 2-pound paper cartons, in four sizes as follows:

Fine Powdered for Mash Food for Ducks also Cattle and Hogs.

Fine Granulated for Brooder Chicks and Dry Chick Food Mixtures.

Medium Granulated for Half Grown Fowls, Pigeons, etc.

Coarse Granulated for Full

Grown Fowls, Geese, Turkeys, etc.

Price: 50-pound bags \$1.50 each.

Conkey's Poultry Remedies

Conkey's Cholera Remedy	25 and 50c
Conkey's Roup Remedy	25 and 50c
Conkey's White Diarrhoea Remedy	25 and 50c
Conkey's Poultry Tonic	25c
Conkey's Head Lice Ointment	10 and 25c
Conkey's Lice Powder	10 and 25c
Conkey's Lice Liquid	35c
Conkey's Laying Tonic	25 and 50c
Conkey's Nox-i-cide Disinfectant	35c

Stearns Clover Cutter

A Person in Five Minutes Can Cut Enough With This Machine to Last One Hundred Fowls a Day.

This cutter is made in convenient size for use on bench or table. The entire frame is made of malleable iron, making a very light and strong machine. It is self-feeding and self-sharpening. Cuts clover very rapidly; is also suitable for cutting cabbage leaves, alfalfa, etc., and is run with very little effort. Eight cuts to each revolution, cutting into one half inch lengths, and making a total cut of four inches to each revolution of the cylinder.

Price: \$3.00; postpaid, \$3.10.



Oyster Shells

Crushed and ground to the size which expert poultrymen agree to be the best.

Price: 100 lb. bag, 90c.

High Grade Beef Scraps and Cracked Bone.

Dr. Hess' Poultry Pan-a-cea

Contains tonics that aid the digestion; it also contains iron for the blood and nitrates to expel poisonous material through the skin; it is the only reasonable way to produce eggs without stimulants that are injurious.

1½ lb. pkg., .25; postpaid .31; 5-lb. pkg., .60; postpaid, .70; 12-lb. pkg., \$1.25; postpaid, \$1.43; 25-lb. pail, \$2.50.

Mico Spar Cubical Grit

Does not become smooth, but retains its cubical form until entirely worn out.

No. 1 for Turkeys, No. 2 for Fowls.

No. 3 for growing Chicks and Pigeons.

No. 4. Extra Fine for



Chicken Food. Price: 100 lb. bag, 90c.

"Something to Crow Over"



AND

Queen Poultry Mash

Makes 'Em Lay
Makes 'Em Pay

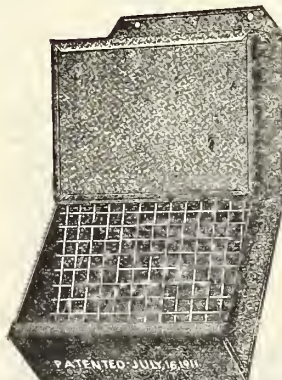
POULTRY SUPPLIES

Sexton's Dry Feed Hopper

Pronounced to be the best Hopper offered. Simple in construction, easily operated and absolutely "rat" and "mouse" proof.

The lower cover is so arranged that it is held up by locking the top cover of Hopper over same, and by raising the top cover the lower cover will fall in place.

This Hopper is arranged to hang on the wall the desired distance from the floor and



never need to be removed to be refilled.

12 qt., Price \$1.25; Postpaid \$1.37.

All Prices Subject to Change Without Notice

Sanitary Grit and Shell Box

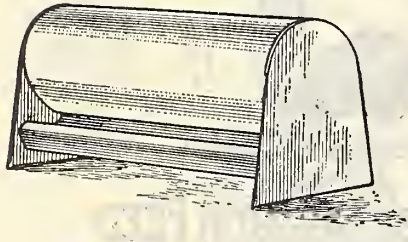
Is manufactured of the best galvanized iron and contains three apartments for food, shells or grit. It can be hung up against the wall at any height desired, and is a thoroughly first-class article.

By the use of this self-feeding box every particle of grit, shells or food will be properly used and waste prevented.

Price: .75; postpaid, .85.



Hub Chicken Feeder

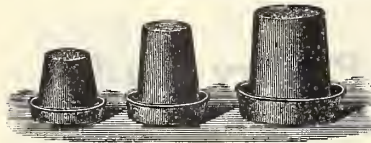


Very sanitary and keeps feed clean and dry. Chickens cannot get into it and will not waste the feed.

Prices: 9-inch .45; postpaid, .52; 15-inch .60; postpaid, .67.

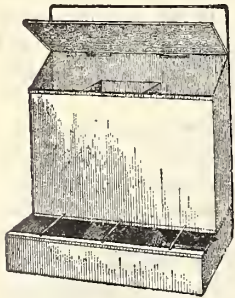
Separable Drinking Fountains

Low-Priced—Easy to Clean—Will Last Many Years.



and is especially handy for use in brooders. The medium size (2 quarts) is for larger chicks. The large (3½ quart) size is for adult fowls.

Prices: Each, Small, .25; postpaid, .30; medium, .35; postpaid, .42; large, .45; postpaid, .52.



Poultry Feeder

Our popular 1-2-3 Poultry Feeder can be used as a one, two or three apartment feeder, by simply changing the dividing walls. Perfectly sanitary and clean.

Price: Small, .65; postpaid, .75; Large, .90; postpaid, \$1.00.

Call and see our line of sprayers. Everything from the smallest hand to the large Power Sprayers, also a large and varied line of Spraying Material.

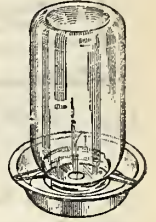
Cyphers X-Ray Egg Tester

The Cyphers X-Ray Egg Tester is made of the best block tin and consists of a central cylinder or lamp flue, 5¼ inches high, with an outside diameter of 2¾ inches at the base and 2⅜ inches at the top. It is designed for use in an ordinary hand lamp, fits over any style of burner with a diameter approximately that of the tester. In a dark room the light will be found strong enough to penetrate the shell and illuminate the interior of the egg. Price: .30 each; postpaid, .35.

No-Slop Chicken Fount

Can use any size Mason jar, thus making a clean, sanitary, low priced Fount.

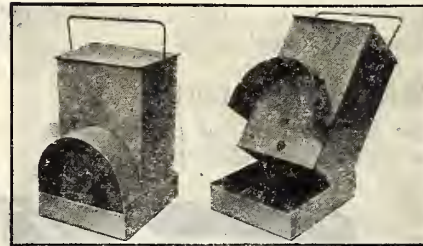
Price: .15 each; 2 for .25.
Postage, .05 each.



Poultry Killing Knives

These knives are made of the best steel and of special design. Price: .50 each; postpaid, .55.

Drop Bottom Founts



28-Gauge galvanized steel. Easiest thing in the world to open and clean. Clasp by which the bottom is fastened fits over the small

hole under the hood, preventing slopping of water when the fount is handled. Solid brass hinge rod—no rust.

Price: 2 quart, .50; postpaid, .57; 1 gallon, .65; postpaid, .75.

Wall Founts

All these wall founts have hoods over the troughs, which prevent dirt from settling in the water. Can be hung up on the wall, and for this reason are preferred by many to the 2-piece fount, which must be placed on the floor.

Price: 1 gal., .60; postpaid, .67; 2 gal., .75; postpaid, .85.



Leader Adjustable Leg Bands

Latest and best adjustable leg band out. Has neat, compact and smooth fastening with no catching points.

Price, postpaid: 12, .15; 25, .25; 50, .45; 100, .75; 250, \$1.50; 500, \$2.75; 1,000, \$5.25.

Initials on bands, .05 for 50 or less; .10 per 100 extra.



All Prices Subject to Change Without Notice.

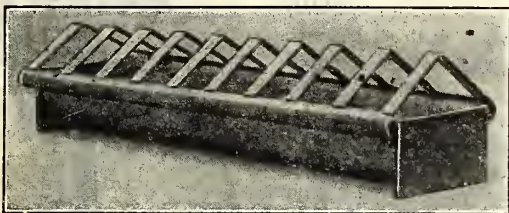
Favorite Dry Mash Hopper



Years of experience have enabled us to put on the market a Dry Mash Hopper that fulfils every need. The curved bottom of the hopper always keeps the feed within easy reach of the birds. The flange at the edge prevents any possibility of waste and the small wires extending from the flange to the wire grid prevent the birds from throwing the feed sidewise out of the hopper. The most

distinctive feature about this Favorite Dry Mash Hopper is the fact that it is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. 12-in. 12 qt., Price, \$1.25, *postpaid*, \$1.35; 18-in. 18 qt., Price, \$1.50, *postpaid*, \$1.65; 24-in. 24 qt., Price, \$1.75, *postpaid*, \$1.90.

Chick Feed Troughs



The only rounded chick feed troughs on the market. No trouble to clean them. The grate slides easily on and off—a feature not found in any other chick troughs. The grate also serves as a handle, and is so slanted that the chicks cannot roost on it. Two sizes—10-inch and 20-inch.

10-inch, .30, *postpaid*, .37; 20-inch, .50, *postpaid*, .60.

Round-Bottom Dry-Food Hopper

The hopper you will eventually buy. Sure to replace all the other makes of dry food hopper. Owing to the rounded bottom, dry mash and beef scraps feed readily and never clog. One that we're proud of. Price: .75; *postpaid*, .85.

Grenier Caponizing Set

Designed to simplify the operation of caponizing, so that the beginner can easily master it. This set consists of a lancet shaped knife, spring spreader, forceps, hook, ring, ring probe and canula. Price in velvet lined case. \$3.00

Peerless Drinking Fountain

Very easy to clean by simply removing the bottom. Can either be hung on the wall or by the bail.

Price: 5-qt., .80, *postpaid*, .90; 10-qt., \$1.00, *postpaid*, \$1.10.



Dr. Hess' Instant Louse Killer

Destroys lice on poultry, stock of all kinds and ticks on sheep. It is a powder put up in round cans with perforated top. Price, per pkg., .25, *postpaid*, .30.



Peerless Brooder Fount

Just the fount for your brooder. Can be set on the floor or hung on the wall within reach of the chickens. Can be cleaned same as large founts.

Price: 1 qt., .40, *postpaid*, .45.

Porcelain Nest Eggs

These Eggs are made of first-class Flint Glass. They do not break easily and will last indefinitely. Price, each, .03; per doz., .35, *postpaid*.

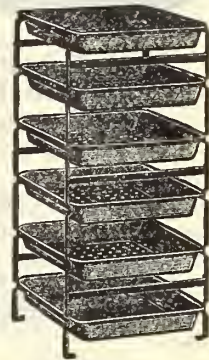
Dry Food Hoppers

Dry Food Hoppers have two compartments, a large one for grain mixtures, holding about six quarts, and a small one for beef scraps, holding about three quarts. Price, each, .75, *postpaid*, .85.

The Economy Oats Sprouter

The best device for producing clean sprouted oats. Has five perforated pans each 16x17 in. and one drip pan at bottom. No lamp, no danger, very durable, compact. Green food all winter if you use the Economy Oats Sprouter which means bigger egg yields, consequently more profit

Price, \$5.50



THE 6 IN 1 EXERCISER AND FEEDER

IS JUST what its name implies. It is a large, rust-proof, galvanized, steel hopper supported on four strong iron legs and designed to hold all the food necessary for poultry. The center hopper holds the mixed grain food, generally composed of cracked corn, wheat, Kaffir corn, buckwheat, barley, oats, etc., and is so constructed that an agitator underneath, containing whole corn as bait, can be worked by the fowls to scatter broadcast a small amount each time of the dry grain mixture. Surrounding this center hopper are six compartments made to contain dry mash, beef scraps, grit, etc.

Price, 20 qts., \$3.75

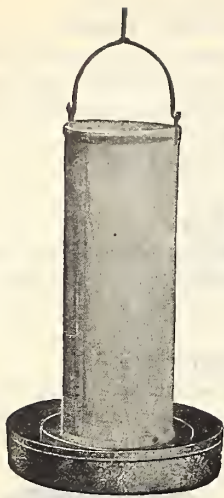


Earthenware Drinking Fountains

¼ Gal., each	\$0.25
½ Gal., each .....	.30
1 Gal., each .....	.35
2 Gal., each .....	.45



All Prices Subject to Change Without Notice.



The Natick Dry Mash Feeder

The most economical and sanitary feeder for Dry Mash that has yet been offered. Positively no waste and no clogging of the food in the feeder. Canvas tube.

Made in one size only.

Price: \$1.25; postpaid, \$1.35.

The Norwich Automatic Feeder and Exerciser

Will actually pay for itself in 30 months' time in saving of grain. One of the secrets of successful poultry is giving them exercise. This will do it. Send for complete descriptive circular.

Prices

8 qt.	\$3.00
14 qt.	3.90
20 qt.	4.90
32 qt.	6.00

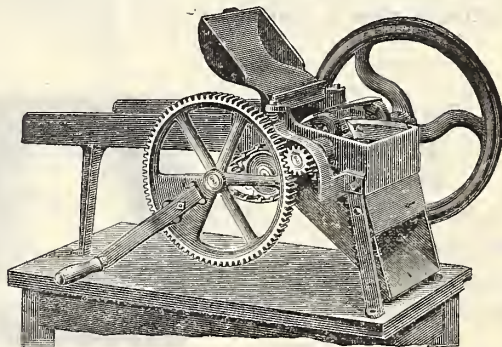
Positively guaranteed or money refunded.



"NEW MODEL" CLOVER CUTTER

For Poultry

Just the cutter for the poultry raiser. Cuts all kinds of feed, either green or dry. Has removable steel knives, adjustable cutter bar. It runs easy, cuts fine, and is durable. With four 7-inch knives. Our Price, \$15.00



Haskell Imp. & Seed Co.'s

Shipping Egg Cases

These are good strong, substantial cases and are complete with fillers. Prices on application.

Ideal Egg Boxes

Just the thing for family egg trade. Shipped knocked down, easily set up

Prices, 1 dozen size: .12 per dozen, postpaid .16; 125 for \$1.10, postpaid \$1.30.

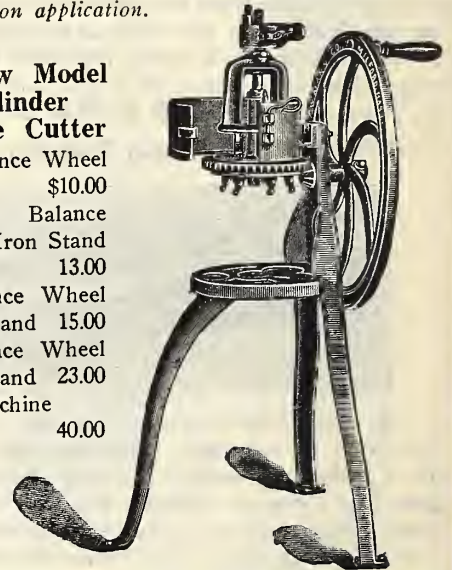
Eyrie Shipping Boxes for fancy settings of eggs.

Parcel Post Egg Boxes. One, Two and Five Dozen sizes. Prices on application.

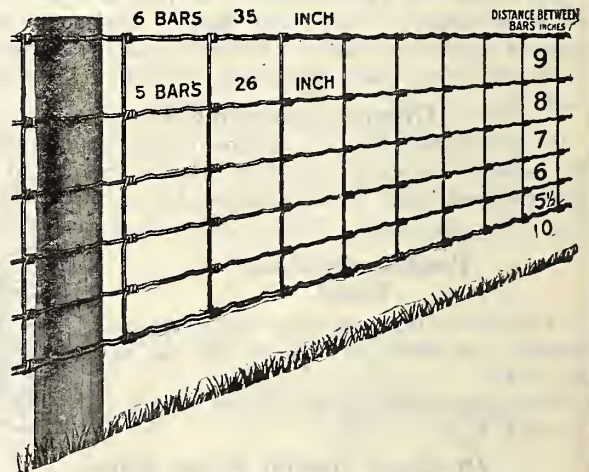


Mann's New Model Open Cylinder Green Bone Cutter

- 5B, with Balance Wheel \$10.00
- 5BM, with Balance Wheel and Iron Stand 13.00
- 7, with Balance Wheel and Iron Stand 15.00
- 9, with Balance Wheel and Iron Stand 23.00
- 12, Power Machine 40.00



AMERICAN FIELD AND POULTRY FENCE



American Field and Hog Fence

Made of large, strong, high-grade steel wires, heavily galvanized. Amply provides for expansion and contraction.

All Prices Subject to Change Without Notice.

American Fence (continued)

Is practically everlasting. Never goes wrong, no matter how great a strain is put on it. Does not mutilate but does, efficiently, turn cattle, horses, hogs and pigs.

Every rod of American Fence Guaranteed by the manufacturers. Call and see it. Can show you how it will save you money and fence your fields so they will stay fenced.

Design	No. Bars	Height Inches	Dis. bet. St. in.	List Price per rod
526	5	26	12	\$.48
635	6	35	12	.59
845	8	45	12	.74
949	9	49	12	.82
1258	12	58	12	1.03
845	8	45	6	.96
832	8	32	6	.87
726	7	26	6	.75

Write for our prices

American Steel Fence Posts, Galvanized Steel (non Rusting) cheaper than wood and more durable. Send for special catalog and prices.

Poultry Netting

We carry the well-known New Jersey Netting and guarantee it to be the very best. It is galvanized after weaving, has three salvage wires, where other makes have but two. It is coated with pure spelter, or zinc (tin rusts), and is full measure in length and width.

All sizes in both Poultry and Chicken mesh. Write for prices.

We also carry full line of plain Wire, Barbed Wire, Fence Staples, Poultry Staples, Nails, etc.

List Prices on American Poultry and Rabbit Fence

21 BARS	58 INCH	DISTANCE BETWEEN BARS INCHES
20 BARS	53 INCH	5
19 BARS	48 INCH	5
18 BARS	43 INCH	4½
16 BARS	35 INCH	4½
		4
		4
		3½
		3½
		3
		2½
		2½
		2
		2
		2
		1½
		1½
		1½

Design No.	No. Bars	Height Inches	Distance between Stays Inches	Approximate wt. lbs. per rod	Price per rod
2158	21	28	6	12.9	\$1.19
1948	19	48	6	11.5	1.07

Write for our prices

Our New American Poultry and Rabbit Fence with its close mesh fills a want long felt by dealers handling American Fence.

At the bottom are four spaces of 1½ inches each, the next five spaces are 2 inches each, the higher spaces graduated to 5 inches as shown in illustration.

STAPLE PULLING PLYERS



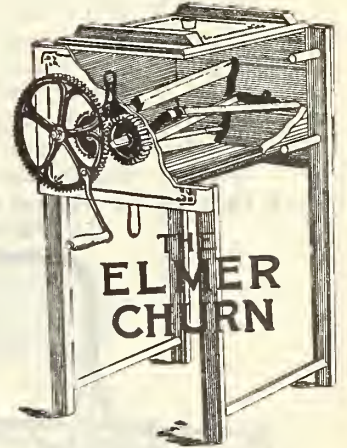
Drives staples, pulls staples, cuts wire, splices wire, stretches wire, straightens wire. Price \$1.25; post-paid, \$1.35.

DAIRY SUPPLIES

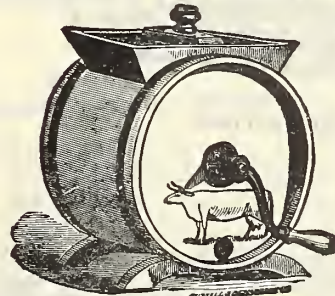
Unparalleled for quickness, ease, durability and economy. It is a perfect butter worker without making any changes.

Our Price
 No. 1 will churn 8 quarts cream \$7.00
 No. 2 will churn 10 quarts cream 7.50
 No. 3 will churn 15 quarts cream 8.75
 No. 4 will churn 20 quarts cream 10.00
 No. 5 will churn 25 quarts cream 11.25
 No. 6 will churn 35 quarts cream 12.50
 No. 7 will churn 45 quarts cream 13.75

ELMER'S PATENT DOUBLE ACTING CHURN



CYLINDER CHURNS



No. 0 will churn 1 gallon \$2.85
 No. 1 will churn 2¼ gallons 3.15
 No. 2 will churn 4 gallons 3.75
 No. 3 will churn 7½ gallons 4.40
 No. 4 will churn 10½ gallons 5.00

All Prices Subject to Change Without Notice.

Lightning Sanitary Churn and Mixer

What It Does. It will actually make two pounds of butter from one pound of butter and one pound of fresh sweet milk. The butter is delicious and sweet. Follow directions and you will get results.

An Economical Luxury. If creamery butter is 34 cents a pound and milk 4 cents a pint, your milk-charged table-butter made with this churn will cost 19 cents a pound. (The proportion is one pound of butter to one pound or pint of milk).

Other Uses. The Lightning Sanitary Churn may also be used to make regular butter direct from cream; as a cream and egg beater; as a salad dressing or batter mixer; and as a butter renovator.



Retail Prices

1 qt.	2 qt.	3 qt.	4 qt.
\$1.50	\$2.00	\$2.50	\$3.00
1.64	2.15	2.66	3.20

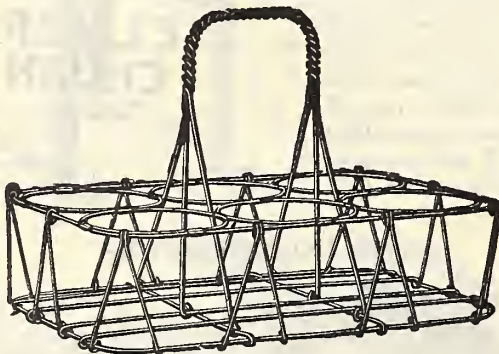
STODDARD BARREL CHURN

No.	Capacity	Will Churn	Our Price
1	10 gals.	2 to 4 gals.	\$14.85
2	15 gals.	2 to 7 gals.	15.75
3	20 gals.	3 to 9 gals.	17.75
4	25 gals.	4 to 12 gals.	19.80
5	35 gals.	5 to 16 gals.	23.00
5½	45 gals.	5 to 20 gals.	28.00
6	60 gals.	6 to 28 gals.	33.00



Stoddard

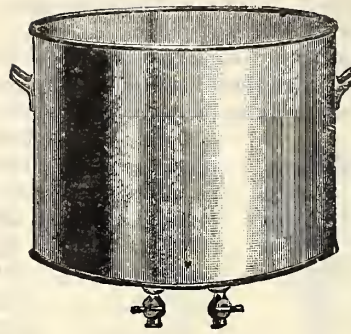
Cork Packing for Barrel Churn Covers Per Set
\$.50 Postpaid



Milk Jar Carriers

No.	Capacity	Price Postpaid
781	4 quarts	\$.75 \$.85
783	6 quarts	.95 1.05
785	4 quarts and 2 pints	.95 1.05
925	6 quarts, Flat Wire	1.50 1.60
927	8 quarts, Flat Wire	2.00 2.12

The Sensible Bottle Filler



This is a small tank, heavily tinned and holding about sixty quarts. It has two straight bore faucets in the bottom near the edge. They are inexpensive and very handy for the small milk dealers who do not feel like paying a large sum for one of the larger machines.

Price, each \$7.00

Milk Bottle Caps

All Sizes and Styles, lb..... .20 Postpaid, .26
Prices on larger Quantities on Application.

Champion Milk Cooler Aerator

A perfect Aerator, removing all flavors arising from excessive cabbage, turnip or silo rations.

It is equally well adapted to the use of any cooling medium, either running water, ice water, or, if a very low temperature is not required, ordinary well or spring water.

Is automatic, requiring no attention while in operation.

No. 2 Holds 18 Quarts. Takes care of 3 Milkers. Shipping weight 30 lbs. Price \$8.00
No. 3 Holds 34 Quarts. Takes care of 5 Milkers. Shipping weight 35 lbs. Price 9.00



DOMINION CLEANSER

Is especially adapted for use in Creameries, Cheese Factories, Ice Cream Plants, Hotels, Restaurants and Private Houses.

It Is a Soda and
Makes No Suds

Contains no Grease, Potash or Lye.

Will destroy nothing but cleans and cleanses everything washed with it and is perfectly sanitary.

For household use it has no equal.

Sold in 5 lb. sacks at 25c. Postpaid, .35.



All Prices Subject to Change Without Notice.

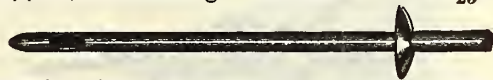
DAIRY SUPPLIES

(Continued)

The "Boston" Aseptic Milking Tube



2 1/4 in., self-retaining. Exact size... PRICE \$0 25



2 1/4 in., plain. Exact size..... .25

The Boston Aseptic Milking Tube is recommended because it is so well finished and so easily sterilized. It is manufactured regularly in 1 1/4, 2 1/4, 2 3/4, 3 1/4 inch lengths; plain or self-retaining, as desired.

The "Boston" Aseptic Teat Dilator (Dr. Murphy's Modification)



No More Hard Milkers

"Spider" in the teat is easily cured, and sphincter paralysis entirely disappears after a few days' use. Recommended by veterinarians and dairymen.

Price, 25c. each



Milk Test Bottle



Conn. Style Cream Test



Acid Measure

Milk test bottles, 10 per cent, each.. \$0.20

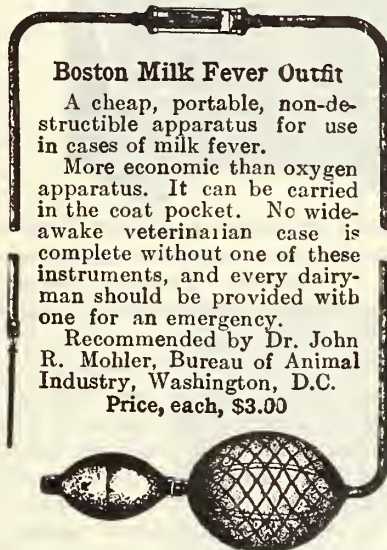
Cream test bottles, 0 to 50 per cent each..... .30

Ohlson's skim milk bottles, each.... .70

Milk and cream pipettes, each..... .25

Acid measure, each..... .25

Test bottle brush..... .05



Boston Milk Fever Outfit

A cheap, portable, non-destructible apparatus for use in cases of milk fever.

More economic than oxygen apparatus. It can be carried in the coat pocket. No wide-awake veterinarian case is complete without one of these instruments, and every dairyman should be provided with one for an emergency.

Recommended by Dr. John R. Mohler, Bureau of Animal Industry, Washington, D.C.

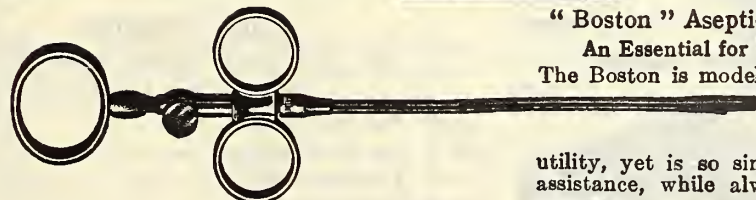
Price, each, \$3.00



Plain Pipette



Test Bottle Brush — For Cleaning Babcock Bottles



"Boston" Aseptic Stricture Cutter An Essential for Every Dairyman

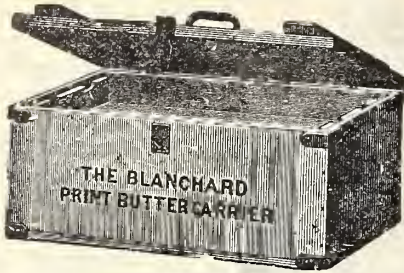
The Boston is modeled on improved lines, and embodies the highest class of workmanship and utility, yet is so simple that professional assistance, while always desirable, is not necessary.

Price, each,

DAIRY THERMOMETERS
Prices Quoted on Application



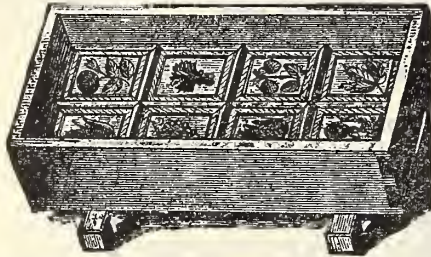
Blanchard Butter Carrier



No. 6½	4 trays, 12 lbs. capacity	.....	\$2.60
No. 7	4 trays, 16 lbs. capacity	.....	3.00
No. 8	4 trays, 24 lbs. capacity	.....	3.35
No. 9	4 trays, 32 lbs. capacity	.....	3.75
No. 10	5 trays, 40 lbs. capacity	.....	4.15
No. 11	6 trays, 48 lbs. capacity	.....	5.00

With or without galvanized ice boxes.

Will be shipped without ice boxes, unless they are ordered. Ice boxes separate, 70c each.



The Kinerson Combination Butter Prints

The Kinerson Prints are too well known to require elaborate advertising or testimonials. There are various devices on the market for printing butter, but the Kinerson Print has no real competitors. Its first cost is a trifle in advance of the cost of inferior goods, but no more so than is necessary to insure each customer of honorable business dealing, first-class workmanship, skilled engraving executed to order, and a thoroughly practical, simple and convenient Print which is the fruit of years of careful study, experiment and improvement—a Print that will save many times its original cost, in valuable time, and will outwear any other Print on the market. The above statements are made in thorough good faith and the Prints themselves will demonstrate their truthfulness.

These Prints will be carved with any Initial. Monogram or design wanted. Price including Cutters and Paddles, postage paid anywhere in New England.

1 lb., \$4.00; 2 lbs., \$5.00. Postpaid

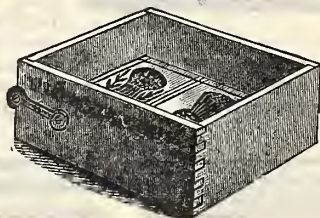
Genuine Blanchard Butter Moulds

Machine Carved

½ pound	.....	.75 postpaid
1 pound	.....	.85 postpaid

Hand Carved

½ pound	.....	\$1.15 postpaid
1 pound	.....	1.25 postpaid
2 pounds	.....	1.75 postpaid

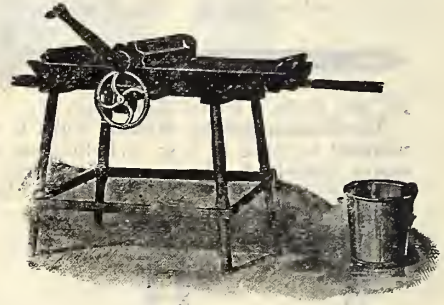


All Prices Subject to Change Without Notice.

Stone Dash Churn

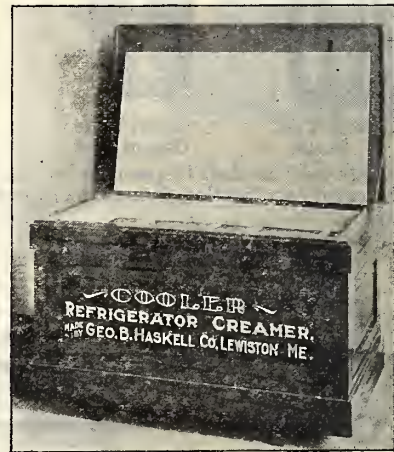
2 gallons, price with dasher	.....	\$0.65
3 gallons, price with dasher	.....	.70
4 gallons, price with dasher	.....	.80
5 gallons, price with dasher	.....	.90
6 gallons, price with dasher	.....	1.00

WATERS' BUTTER WORKER



Without doubt the most practical and best known Butter Worker on the market. Guaranteed to handle butter in any condition satisfactorily.

No.	Tray	Capacity	Our Price
0	27 in. x 14 in.	1 to 15 lbs.	\$10.00
1	36 in. x 15 in.	5 to 30 lbs.	11.50
2	36 in. x 18 in.	5 to 40 lbs.	13.00
3	39 in. x 20 in.	5 to 50 lbs.	14.50
4	48 in. x 22 in.	10 to 75 lbs.	17.50



Cooley Creamers

The Best Gravity Method in the World
Price of Tank Less Cans

No. 2	For four cans	.....	\$34.00
No. 3	For six cans	.....	39.00
No. 4	For eight cans	.....	44.00
No. 5	For ten cans	.....	49.00
No. 6	For twelve cans	.....	54.00
No. 7	For fourteen cans	.....	59.00
No. 8	For sixteen cans	.....	64.00

Strainer frame and thermometer extra.

Milk and Cream Scales

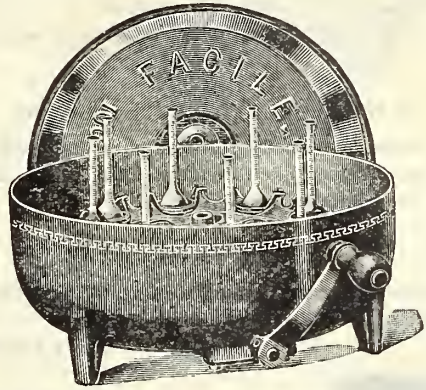
These scales are made with a loose pointer which, by means of a thumbscrew on the center of the pointer, may be set anywhere on the dial, thus taking the tare of the milk pail, etc. They are made with pounds divided in ounces or decimally.

PRICE

No. 260 M. O.	30 lbs. by 1 oz.	\$3.75
No. 270 M. O.	60 lbs. by 2 oz.	4.50
No. 260 M. D.	30 lbs. by 1-20 lb.	3.75
No. 270 M. D.	60 lbs. by 1-10 lb.	4.50



The "Facile" Improved Iron Frame Hand Babcock Milk and Cream Tester



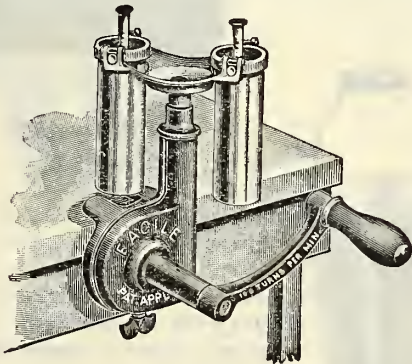
Handsome cast-iron case and cover, cut spur and worm gearing, malleable iron bottle carrier, seamless brass detachable swinging pockets for holding test bottles.

Enclosed gearing, bottles perfectly horizontal when rotating. Turns easily and runs smoothly and noiselessly at a very high speed.

6-bottle machine	\$11.25
8-bottle machine	13.00
10-bottle machine	15.00
12-bottle machine	18.00

Prices include full set of glassware, comprising test bottles, pipette and acid measure; also test bottle brush and bottle of acid.

The "Facile, Jr.," Babcock Milk and Cream Tester—Cut Steel Gears



An exceedingly simple, light, compact and carefully designed apparatus, especially adapted to the use of the dairy, and also, on account of its light weight, to the traveling dairy inspector.

Complete with full set of glassware, consisting of test bottles, pipette and acid measure; also test bottle brush and bottle of acid, with full directions for use.

PRICE

2-bottle machine complete for testing cream and milk, including two cream test bottles and combined pipette	\$5.65
4-bottle machine complete for testing cream and milk, including two cream test bottles and combined pipette	6.85

Common Sense Calf Feeder

WHAT IT IS. The Common Sense Calf Feeder is a simple, practical device for weaning and feeding calves, so simple and so practical that every calf owner will see the value of it at a glance.

WHAT IT DOES. It enables you to feed the calf out of a bucket in nature's old way. If you could afford to let your calf run with the cow until nature compelled it to seek food elsewhere, there would be no scouring, unhealthy calves.

Follow nature; this feeder not only saves trouble and milk; but it prevents the calf from taking its food in the great gulps that play havoc with the digestive organs.

Price (Postage prepaid)	\$2.60
Extra Nipples (Postage prepaid) .....	.27



All Prices Subject to Change Without Notice

Butter Paper

We handle exclusively the Pioneer Brand of high-grade vegetable parchment paper and guarantee it to be the very best obtainable. We solicit correspondence for large or small quantities in any size, plain, or printed with special designs.

Arabian Scratch and Gall Cure

It is a scientific remedy for scratches and grease heel. It works as horsemen like to have it. 4-oz., pkg., .25; 8-oz. pkg., .50. Postage, extra, each size .08.

Bag Balm

Cures chapped, cracked and sore teats, bunches, caked bag, chafing, cuts and inflammation.

Price: Per Box, .50; postpaid, .58



Cows' Relief

It is used as a local application on cows' bags and teats. It will cure caked bags in 12 to 24 hours, if taken at the start.

Price: Small50
Large \$1.00

Postage extra, each size, .09.

Calves' Cordial

Is free if it fails to cure scours in cows and calves. Price: .50; postpaid, .59.

Kow Kure

The Great Medicine for Cows Only

It acts upon the digestive, generating and milk-secreting organs, keeping the entire system toned up and in perfect working order. It goes to the roots of the trouble, and cures cow diseases by removing the cause.

It prevents abortion, cures barrenness, removes retained afterbirth, prevents tuberculosis, stops the scours, cures milk fever, caked udder, swelling in the bag, floating red water, increases the flow of milk, cures cows "off their feed," improves the quality of milk and makes cows pay.

Price .50 and \$1.00 per can.

Postpaid .59 and \$1.14

Grange Garget Remedy

Positively cures garget without in any way injuring the cow or lessening the flow of milk, and tones and invigorates the infected parts. Price: .50; postpaid, .60.

BLATCHFORD CALF MEAL

The Complete Milk Equal

A 50-pound bag will nourish a calf from the time it is 4 or 5 days old until it can eat ordinary feed. Another bag or two combined with the ordinary feed will start it well on toward maturity.

Creamery Cans for Milk and Cream Storage



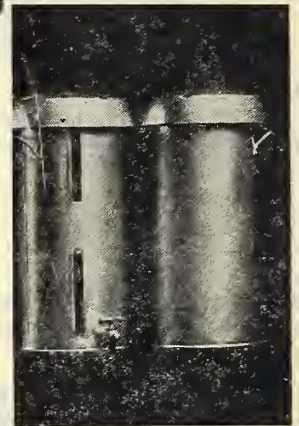
Buffalo Milk Can with Lead Faucet Gauge, Bail Handle and Cover. Price \$2.25

Buffalo Cream Storage Can with Bail Handle and Cover. Price \$1.50

Buffalo

Goss Special Milk Can with Nickel Faucet, Cooley Cover, Gauge and Side Handles. Price \$3.00

Goss Special Cream Storage Can with Cooley Cover and Side Handles. Price \$1.75



Goss Special Dairy Pails

10 Qt., 1x	Each.....	.50
12 Qt., 1x	Each.....	.55
14 Qt., 1x	Each.....	.75
10 Qt., 1xx	Each.....	.65
12 Qt., 1xx	Each.....	.70
14 Qt., 1xx	Each.....	.75
10 Qt., 1c Flaring	Each.....	.30
12 Qt., 1xxx Ex. Heavy.	Each	.90



Goss Special R. R. Special Milk Cans

20 quarts \$3.40
40 quarts 4.25

Milk Delivery Cans

8½ Quarts \$1.50
10 Quarts 1.75

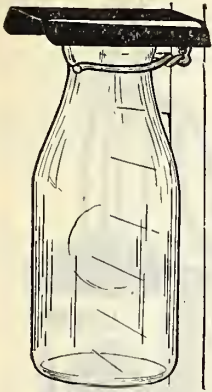


Wooden Can Stoppers

3¼ in. x 3½ in.....Each, .05; Dozen, .50

All Prices Subject to Market Changes

THE IDEAL



The Ideal Milk Bottle Holder holds a bottle of Milk or empty bottle in sanitary condition away from cats and dogs and is easily attached to wall or door casing with one screw.

Price: (Postpaid)15

PAT. APD. FOR

MILK BOTTLE HOLDER

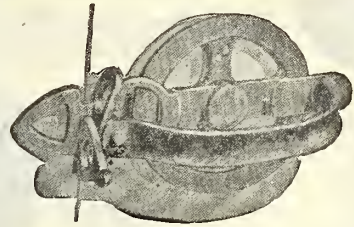
Common Sense Milk Bottles Maine Seal

- ½ Pint, doz. \$0.50
- 1 Pint, doz.60
- 1 Quart, doz.70

Gross Prices on application.



STABLE GOODS



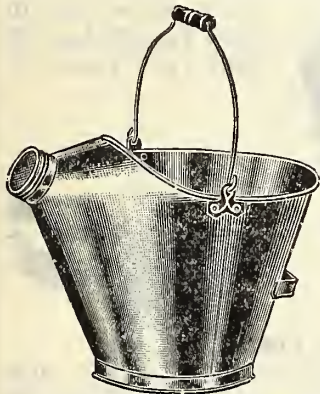
Porter "Slam and Slide" Barn Door Latch

Here is a device that meets with the enthusiastic approval of every farmer. The Porter "Slam and Slide" Barn Door Latch fills a long-felt want.

It is absolutely without equal for simplicity, strength, durability and cleverness of operation.

It works equally well right or left, on either slam or sliding doors.

Can be locked with padlock. The screws are protected. Adapted for any size door. Material is the very best malleable iron. Nicely finished. Price: .35; postpaid, .45



Strainer Pail

No. 124 12 Quart, each \$2.30

"Dandy-Lion" Weed Killer

Dandelion, Pigweed, Burdocks and other common weeds quickly and easily destroyed, without cutting or digging, by use of the new "Dandy-Lion" Weed Exterminator. Cutting or pulling off the tops only retards the growth, the weeds soon re-appear, more vigorous than before. One operation with the "Dandy-Lion" kills root and all.

How It Works

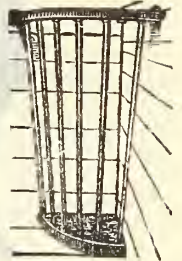
All working parts are made easily accessible. The base with all working parts are quickly unscrewed and opened up for cleaning or adjustment.

The plunger is pushed down into the crown of the weed and the hole is enlarged by moving the handle with a circular motion. Then by pressing down the handle, the valve opens, the desired amount of weed killing solution is deposited in the centre of the root to be killed and the work is done. Price, \$1.00



Corner Hay Rack

No. 3. Cast Top and Bottom with Steel Rods. Price \$3.50



Cattle Leads

No. 52. Each15
Postpaid20

Trace Chains

6½ Foot with hook, pair.....\$1.10
Half with hook, pair..... .90

Lengtheners

No. 57 with snap and six links, pair55
Girting Chains, each30

Halter Chains

No. 77. Sargent's. Each..... .40

Tie Out Chains

Eureka, 20 foot. Each..... .60

Cow Chains

2½ Foot. Open Ring35
3 Foot. Open Ring40
3½ Foot. Open Ring45
4 Foot. Open Ring50
4½ Foot. Open Ring55

All Prices Subject to Change Without Notice



Corner Feed Manger

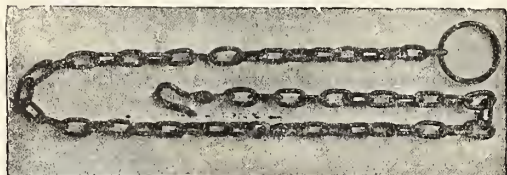
- No. 3, Plain Edge 17x17..... \$2.40
 No. 6, Rolled edge, 17x17 2.75

Ox Balls

- No. 11. Each09
 No. 12. Each10
 No. 13. Each11
 No. 14. Each12½
 No. 15. Each20



Stake Chains



6½ foot with Ring and Hook. Pair \$1.25



Farmers' Boilers

*A Low-Priced Farmers' Boiler
 Unsurpassed for general farm work
 FOR WOOD*

Prices on application.



Dr. Hess' Stock Food

Is the most paying condiment or medicated food ever given to Horses, Cattle, Hogs or Sheep.

- 2 lb. Pkg. \$0.25
 5½ lb. Pkg.50
 12 lb. Pkg. 1.00
 25 lb. pail 2.00
 100 lb. drum 6.50

Bull Rings

Postpaid

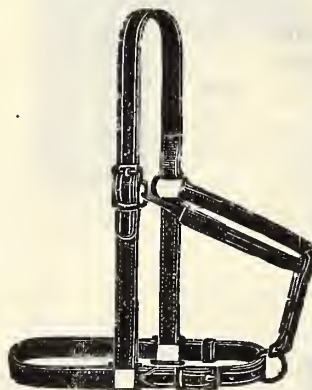
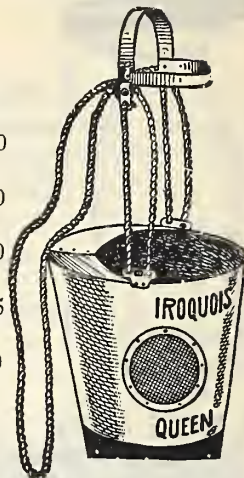
- 2½ in. Steel \$0.15 \$0.17
 2½ in. Copper30 .32
 3 in. Copper35 .37
 3½ in. Bronze 1.65 1.70

Bull Snaps

- No. 500 \$0.60 \$0.65

Canvas Feed Bags

- No. 1301 Modoc Wood Bottom60
 No. 1437 Mustang Wood Bottom, Ventilated 1.00
 No. 1037 Warrior Wood Bottom Ventilated..... 1.30
 No. 347. Queen Leather Bottom Ventilated..... 1.65
 No. 3S37 Steel Bottom Ventilated 1.50



Leather Halters

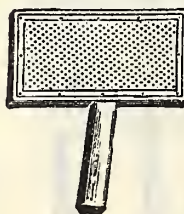
- No. 57, Black.....\$1.60
 No. 47, Russet 1.60
 No. 1 Fawn Web..... .40
 Black Cattle Halter 1.00

Hunter's Curry Comb



Curry Combs

- No. 5. Hunter's \$0.20
 No. 234. 8 Bars, shingle back20
 Reform Oblong25



Cattle Cards

- No. 04. Leather Board15
 No. 4. All Leather20
 No. 2. Leather large size..... .25

Cow Bells

- No. 0. 7 in.80
 No. 1. 6½ in.70
 No. 2. 5¼ in.60
 No. 3. 4¾ in.50
 No. 4. 4 in.40
 No. 5. 3¾ in.30



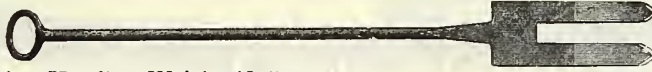
We have a line of Horse Brushes ranging in price from 15 to 60 cents each.

All Prices Subject to Market Changes

GIFFORD-WOOD CO. ICE TOOLS



- No. 426. 4½ ft. Saw as above Price \$5.75
 No. 427. 5 ft. Saw as above Price 6.00



- No. 443. Splitting Fork, Ring Handle. Weight 18 lbs..... Price \$6.00
 No. 457. Calking Bar, Hollow Handle. 1 in. diameter. (Not illustrated) Weight 8 lbs..... Price 3.75



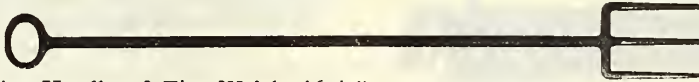
- No. 458. Bar or Packing Chisel. Steel Handle. Weight 15½ lbs. Price \$5.00
 No. 460. Summer Bar. Curved Blade. Polished Handle. Similar to No. 458. Weight 17 lbs..... Price 7.00



- No. 465. Starting Chisel. Weight 14½ lbs. Price \$5.00
 No. 468. Socket Bar Chisel (Not Illustrated) Weight 10 lbs. Price 5.00
 Similar to No. 458, but with wooden handle.



- No. 476. Splitting Chisel, Ring Handle. Weight 14 lbs..... Price \$3.75



- No. 486. Needle Bar. Ring Handle. 3 Tine Weight 16½ lbs. Price \$5.75



- No. 500. Line Marker. Weight 2 lbs..... Price \$2.00

Dairymen's Ice King Plows



- No. 320—8 in., 5 Cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide. Price..... \$37.00
 No. 321—10 in. 5 Cutting and 1 Clearing Tooth with 14 to 22 in. Patent Adjustable Swing Guide..... Price 43.00

No. 540 Boston Ice Tongs

- 13 in. Price\$1.70
 14½ in. Price 1.75
 16½ in. Price 1.85
 20 in. Price 1.95
 24 in. Price 2.00
 26 in. Price 2.10



Ice Hooks

- No. 520 Wood's 3 ft. to 18 ft..... \$1.15 to \$2.80
 No. 369 Columbus, 3 ft. to 18 ft..... .75 to 1.85

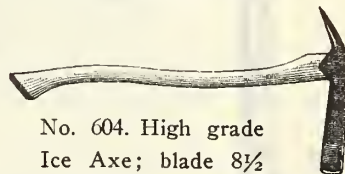
Ice Axes

- No. 604 Boston Ice Axes Price \$2.40

Ice Hook Handles

- 3 Ft. to 14 ft..... .15 to \$1.10
 No. 652 D Handle 4 Point Shaver..... Price \$2.25
 No. 667 D Handle 3 Tine Breaker..... Price 5.00

Boston Ice Axe



- No. 604. High grade
 Ice Axe; blade 8½
 x 1½ inches; handle
 28 inches; weight 4 lbs.

Price, \$2.40

All Prices Subject to Market Changes

SIMONDS MFG. CO. GUARANTEED SAWS



No. 325. Crescent Ground Cross Cut. Narrow Felling Saw. Lance Tooth.

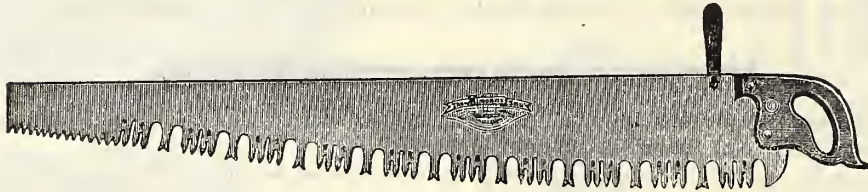


No. 325. Crescent Ground Cross Cut. Narrow Felling Saw, Champion Tooth.

No. 22. Wide Cross-Cut Saw, otherwise same as No. 325.

No. 12. Wide Cross-Cut Saw, otherwise same as No. 315.

One Man Cross-Cut Saws



No. 222. Lance Tooth. 3½—4—4½ feet.



No. 111. Tuttle Tooth. 3½—4—4½ feet.

Simonds

- Wood Saw Frames
- Wood Saw Rods
- Wood Saws Complete
- Pruning Saws
- Hack Saws

While we recommend the use of Simonds warranted Circular Saws in every instance, we can furnish a lower priced Circular Saw, which with proper use will give good satisfaction. Prices quoted on application.

Cross Cut Saw Handles



No. 100



No. 22



Simonds

Warranted Circular Saws

24 In., 26 in., 28 in., 30 in.
Bored for 1⅜ in. arbor.

Wood Saw Blades 32 in. Long, Narrow and Wide, Fine and Coarse
Teeth



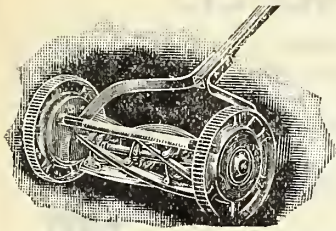
No. 111

No. 55



All Prices Subject to Change Without Notice.

COLDWELL LAWN MOWERS

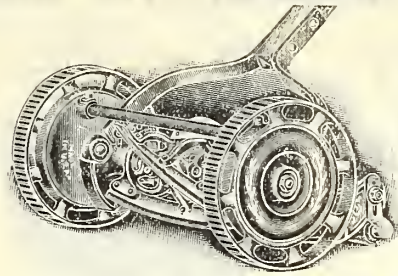


**Coldwell's
Rajah**

Coldwell's RAJAH is a strictly high-grade ball-bearing Lawn Mower. It is made of first-class material throughout and the workmanship and finish are unsurpassed. It has large driving wheels and fine cut gears, thus insuring ease and quietness of running. The large diameter revolving cutter which is furnished with five blades, makes it an exceptionally high-class Lawn Mower.

This Mower is furnished with Coldwell's patent double-iron bottom knife which is shaped like a piece of channel iron with two up-turned highly tempered edges.

16 In., \$14.90; 18 in., \$16.25; 20 in., \$16.80.



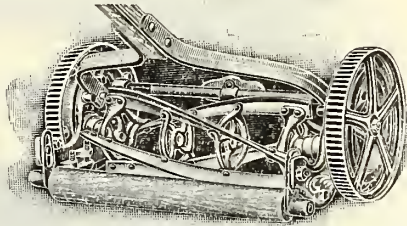
**The
Lakewood**

This Mower we guarantee to be the best ball-bearing Lawn Mower, for the price, on the market. It has high wheels (9 inches), flat, steel sliding pawls in the ratchets, and large diameter revolving cutter (6 inches), furnished with four blades.

This Lawn Mower is equipped with our patent adjustable ball-bearings, the adjustment of which is accomplished by means of a single screw.

16 In., \$9.00; 18 in., \$9.50.

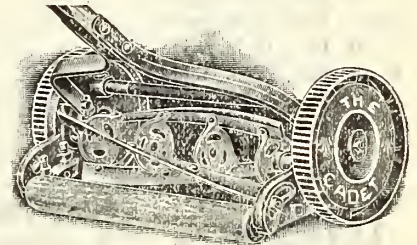
**The
Duchess**



This is a good Mower at a medium price for all ordinary work. The drive wheels are nine inches in diameter. The revolving cutter is 6 inches in diameter and has 4 crucible steel blades highly tempered and ground true their entire length. It is carried on our patented adjustable ball-bearings.

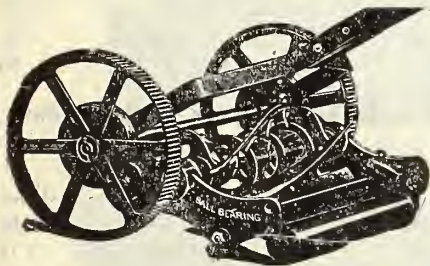
14 In., \$7.50; 16 in., \$7.85; 18 in., \$8.25.

**The
Cadet**



This is a good Lawn Mower at a medium low price and gives the purchaser full value for his money. It has brass bushings and the same ratchets and adjustments that are used on many of the high grade Mowers, and it is in every respect what is needed at the present time, viz., a Mower that will do good service and at a cost but little higher than the poor trash that is put out so freely.

14 in., \$5.25; 16 in., \$5.45; 18 in., \$5.65.



**Townsend's
Victory**

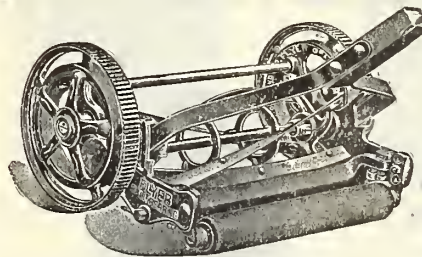
We cannot offer a better mower at any price. It has Ball Bearings of the very highest grade exact to $\frac{1}{4}$ of 1-1000 of an inch, which greatly reduces friction. Double Steel Ratchet, very swift and smooth in action, as well as exceedingly hard for durability. Triple Gear. Entirely enclosed, allowing no dirt or cut grass to find its way into the pinions or cogs.

16-in., \$13.75; 18-in., \$15.00; 20-in., \$16.25

The Fulton

This Mower has the same structural details as Duchess, with the exception that it has three blades in the revolving cutter.

14 in., \$7.25; 16 in., \$7.50; 18 in., \$7.85.



**Townsend's
Flyer**

A splendid High-Grade Mower, at a little lower price than the "Victory." Ball bearings entirely enclosed. Adjustments very simple. Knives very hard and of the best steel.

14-in., \$8.25; 16-in., \$9.25; 18-in., \$9.75

We make a specialty of GRASS SEEDS, and while we carry several grades from PURITY BRAND down, we always recommend the best, our PURITY BRAND.

All Prices Subject to Change Without Notice

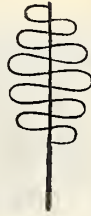
Trellises, Tree Guards, Flower Pots, Etc.



Fan



Bow



00

Hartman Tree Guard

Made from heavy galvanized wire and very ornamental, affording absolute protection to trees. Two or more may be used together for trees of large diameter.

No. 1, 6 ft., \$1.30



Unglazed Flower Pots

With or without saucers
Sizes 2 in. to 22 in.

Prices on application

Fan Trellis

PRICE

1½ ft. Fan, 7 in. wide .....	.20
2 ft. Fan, 10 in. wide .....	.25
2½ ft. Fan, 13 in. wide .....	.35
3 ft. Fan, 16 in. wide .....	.75
4 ft. Fan, 27 in. wide	1.00
6 ft. Fan, 38 in. wide	1.25
8 ft. Fan, 46 in. wide	1.75

BASKETS



Ash Strapped Market Baskets, Hole Handle

	Length	Width	Depth	Price
No. 1	18 in.	10½ in.	6 in.	\$0.50
No. 2	21 in.	12 in.	6½ in.	.55
No. 3	23 in.	13 in.	7 in.	.60

Ash Strapped Market Baskets, Bail Handle

No. 1, .65; No. 2, .70; No. 3, .80.

Same Sizes as Above

	Length	Width	Depth	Price
No. 4	24 in.	15 in.	8 in.	\$1.95
No. 5	25 in.	16 in.	8½ in.	1.15
No. 6	28 in.	18 in.	10 in.	1.40

Grocers' Counter Baskets

No. 1, .45; No. 2, .50; No. 3, .55.



Oxford Baskets



Berry Baskets

All Styles and Sizes
Write for prices

Trellises

PRICE

No. 00, 18 in. 3½ wide .....	.15
No. 00, 20 in. 8 wide .....	.20
No. 0½, 24 in. 7½ wide .....	.25
No. 1, 30 in. 10 wide .....	.35
No. 3, 36 in. 12 wide .....	.75

Veranda Trellis

6 ft. Veranda, 18 in. wide.....	\$1.50
8 ft. Veranda, 18 in. wide.....	2.00
10 ft. Veranda, 20 in. wide.....	2.75



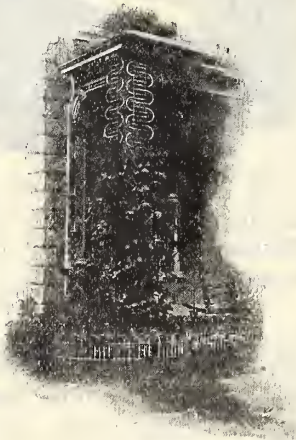
Veranda

Fancy Galvanized Wire Trellis

18 in. wide, 10 ft.

Fancy Galvanized Wire Flower Bed Guard

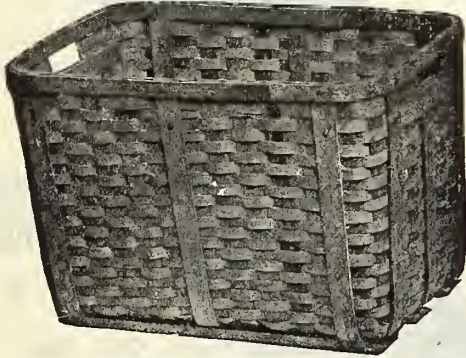
10 ft.



All Prices Subject to Change Without Notice.

Oxford Baskets

¼ Bushel	.....	each	\$0.35
½ Bushel	.....	each	.40
¾ Bushel	.....	each	.50
1 Bushel	.....	each	.60
1 ¼ Bushels	.....	each	.70
1 ½ Bushels	.....	each	.80
2 Bushels	.....	each	1.00
3 Bushels	.....	each	1.50
4 Bushels	.....	each	1.90



Ash Oblong Laundry Baskets

	Length	Width	Depth	Price
4 Bu.	30 in.	20 in.	17 in.	\$3.25
6 Bu.	32 in.	22 in.	20 in.	5.00

Ash Oblong Clothes Basket Loop or Hole Handles

	Length	Width	Depth	Price
No. 2	26 in.	16 in.	9 in.	\$1.15
No. 3	28 in.	18 in.	10 in.	1.25
No. 4	30 in.	20 in.	10 in.	1.40



Market Basket, Hole Handle



Grocers' Counter Basket

Ash Lunch Baskets with Cover and Double Bail

	Length	Width	Depth	Price
No. 2	10 in.	6½ in.	6½ in.	\$0.60
No. 3	11½ in.	7 in.	6½ in.	.65
No. 4	14 in.	8½ in.	6½ in.	.70
No. 5	15½ in.	9 in.	7½ in.	.80
No. 6	17 in.	10 in.	8 in.	.90
No. 7	19 in.	11½ in.	8½ in.	1.15
No. 8	22½ in.	13½ in.	9½ in.	1.25

All Prices Subject to Market Changes

Oxford Clothes Baskets Oblong, Loop Handles

No. 1. Small	.....	each	\$1.00
No. 2. Medium	.....	each	1.20
No. 3. Large	.....	each	1.35



Ash Barrel
Display Basket
Price, \$0.50.

Oxford Grocers Baskets

½ Bushel block handle	each	\$0.50
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Office Baskets Reed and Willow

Prices, .50 to \$1.50 each.

Ash Corn Packer's Baskets

Price, \$1.60.

Ash Covered Hampers

No. 2. 17½ in. square, 26 in. deep.	Price.....	\$2.70
No. 3. 21 in. square, 29 in. deep.	Price.....	3.25

Ash Oblong, Mill Baskets

Same as laundry, only heavier.

4 Bushels, \$4.25; 6 bushels, \$5.75.

GALVANIZED AND TINWARE Oil Cans



5 Gal. Climax Pump
Oil Can



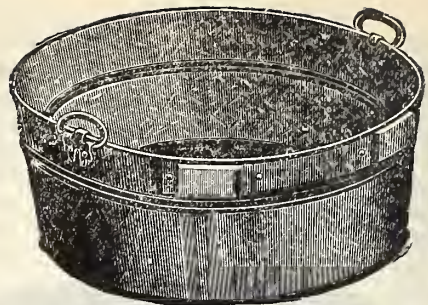
5 Gal. Columbia Fau-
cet Oil Can

1 Gal. Polo with Handle and Bail	.....	\$0.40
2 Gal. Polo with Handle and Bail	.....	.60
3 Gal. Columbia with Brass Faucet	.....	.75
5 Gal. Columbia with Brass Faucet	.....	1.30
5 Gal. Falcon with Iron Faucet	.....	1.15
5 Gal. Home Rule Pump Can	.....	1.75
5 Gal. Climax Pump Can	.....	1.60
5 Gal. Red Gasoline with spout	.....	1.15
5 Gal. Jacket Can	.....	.85
10 Gal. Jacket Can	.....	1.45
1 Gal. Screw Cap Can	.....	.23

Dinner Pails



- No. 030 Heavy Tin, Tin Handle. About 3 Qt. \$0.85
- No. 040 Heavy Tin, Tin Handle. About 4 Qt.95
- Medium Weight Tin, Wire Handle. About 3 Qt. Without Plate30
- Medium Weight Tin, Wire Handle. About 3 Qt. With Plate35
- Ladies' Tin, Round Wire Handle with Plate30



Galvanized Wash Tubs

- No. 11 20½x19¾x10½ \$1.20
- No. 22 22¾x19½x11 1.35
- No. 23 24½x21¼x11 1.55
- No. A 14½x11 x 870
- No. B 15½x12¾x 8½80
- No. O 18½x15 x 990



Galvanized Basket. One Bushel
Price \$1.25



Galvanized Chamber Pail
12 Qt. Price\$0.75

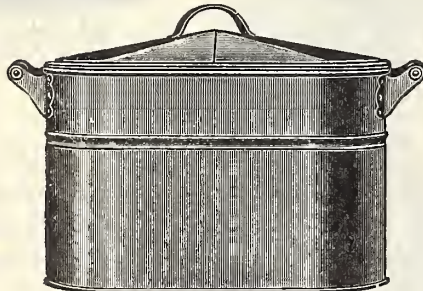
Galvanized Garbage Cans With Cover



- No. 00 12x10 Pail Bail Handle. Price \$1.40
- No. 03 14x14 Bail Handle. Price 1.90
- No. 76 14x20 Side Handles. Price 2.40

Galvanized Ash Cans

- No. 041 17x26. Heavy. Rigid Handles. Price..... \$4.00
- No. 5 18x26. Heavy. Drop Handles. Price..... 4.75
- No. 6 20x26. Heavy. Drop Handles. Price..... 5.50
- No. 090 18x26. Heavy. Drop Handles, Reinforced with Steel Ribs. Price 4.50
- No. 78 17x26. Light. Rigid Handles. Price..... 2.70



Wash Boilers
Prices on application.

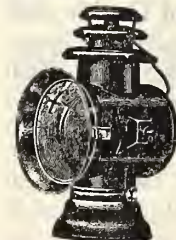
DEITZ LANTERNS AND GLOBES



No. 2 Blizzard Cold Blast



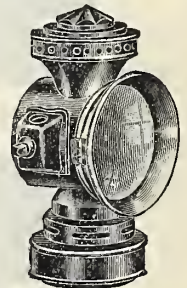
Wizard Lantern Cold Blast. Short Globe



- No. 2 Blizzard \$1.30
- No. 2 Special Blizzard with large fount 1.40
- No. 0 Wizard Cold Blast. Short Globe 1.00
- No. 2 Wizard Cold Blast. Short Globe 1.30
- No. 15 Emperor Dash. Hot Blast. Bulls Eye Globe 1.15
- No. 17 Sterling Dash. Cold Blast. Bulls Eye Globe 1.75
- No. 30 Cold Blast. Search with Bulls Eye Globe 3.00
- No. 60 Cold Blast. Mammoth Search. Plain Globe 9.50
- Junior Cold Blast. Side Lamp 1.50
- Pioneer Street Lamp 7.85
- Eureka Driving Lamp..... 1.75
- Octo Driving Lamp 3.50



Dash Clamp Holder

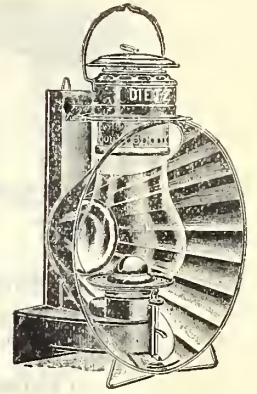


Eureka Driving Lamp Small and Powerful

Octo Driving Lamp

One of the best we have. About double the size of the "Eureka."

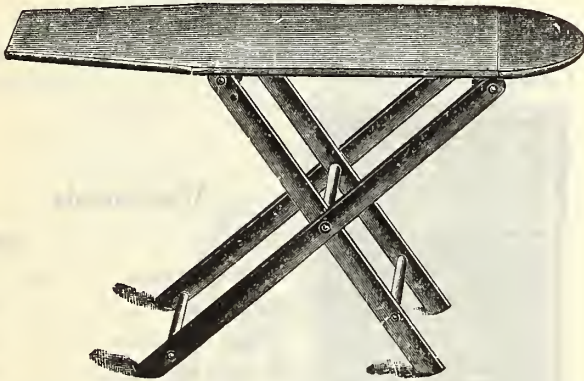
All Prices Subject to Change Without Notice.



Lantern Globes, Chimneys and Burners to fit all styles of
Lanterns and Lamps.

*Mammoth Search Light
Cold Blast*

WOODENWARE

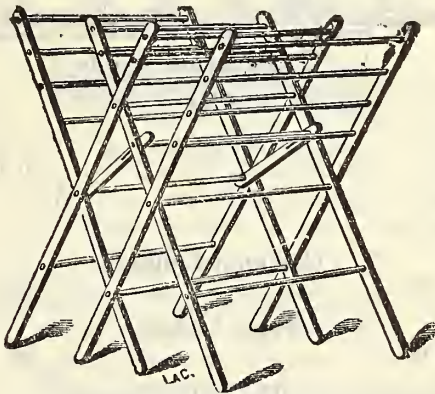


Folding Ironing Table

	PRICE
No. 1 58x19, Cloth Top	each \$2.50
No. 2 54x16, Cloth Top	each 2.25
No. 3 54x16, Plain Top	each 2.00

Wood Bowls

11 in.	\$0.15
13 in. ....	.25
15 in. ....	.50
17 in. ....	.85
19 in.	1.25
21 in.	1.50



Spruce Clothes Horse

No. 3, \$1.15; No. 3½, \$1.25; No. 4, \$1.35.

Wash Benches

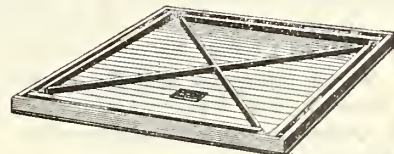
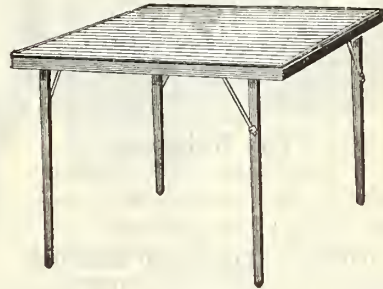
Star, a good Spruce Bench	\$1.00
No. 1 Paris, Oiled finish	1.60

Oak Butter Boxes with Bail

Large, .55; Small, .40.

Skirt Boards

4 ft., each	\$0.75
4½ ft., each .....	.90
5 ft., each	1.00



Burrows Primus Folding Card Table

The Best Folding Table at a popular price on the market. They are rubber tipped to prevent noise and injury to hardwood floors. Size, 30x30 inches; height, 27 inches; weight 9 pounds Price \$2.25

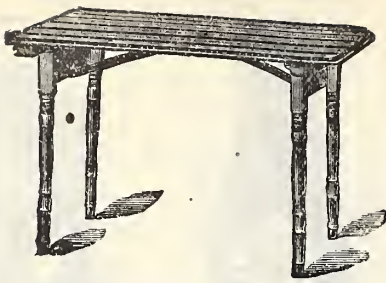
Pastry Boards

16x22, each	\$0.50
18x24, each .....	.60
20x26, each .....	.70

Bread Boards, with Rim

16x22, each	\$0.60
18x24, each .....	.70
20x26, each .....	.80

All Prices Subject to Change Without Notice.



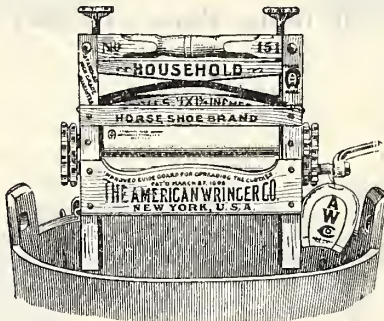
Folding Sewing Table		PRICE
No. 000	36x19	each \$1.50
No. 00	36x19, with Castors.....	each 1.75

Folding Card Tables

No. 21	24x24	each \$2.50
No. 23	27x27	each 3.00

Wringers

American Wringer Company's Celebrated Horseshoe Brand



Tub Wringers

Iron Frame—Plain Bearing

No. 100	Daisy, 10 in., 1 year warrant	\$3.50
No. 330	Relief, 10 in., 3 year warrant	4.35

Wood Frame, Plain Bearing

No. 150	Household, 10 in., 1 year warrant.....	\$3.85
No. 340	Universal. Reversible Board, 10 in., 3 year warrant	4.65
No. 541	Royal, 11 in., 5 year warrant.....	5.60

Wood Frame—Ball Bearing

No. 380	Universal, 10 in. 3 year warrant	\$4.60
No. 380	E. Universal, 10 in., 3 year warrant. Enclosed Gears	4.75
No. 381	Universal, 11 in., 3 year warrant.....	5.00
No. 361	Universal, 11 in., 3 year warrant. Reversible Board	5.45
No. 590	Royal 10 in., 5 year warrant	5.15

Bench Wringers

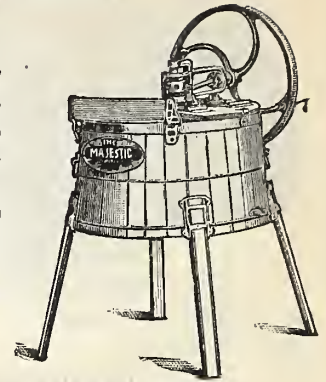
No. B150	Household, 10 in. 1 year warrant. Plain Bearing	\$6.00
No. B180	Household, 10 in. 1 year warrant. Ball Bearing	6.30
No. B380	Universal, 10 in. 3 year warrant. Ball Bearing	6.70
No. B380	E. Universal, 10 in. 3 year warrant. Ball Bearing. Enclosed Gears	6.85

Wringer Rolls and Repairs

Washing Machines

The Majestic has Roll Bearing, Virginia White Cedar Tubs, Electrically Welded Hoops. The best washer made. Price

	\$11.00
F. F. V. Improved.....	14.75
Eclipse Water Motor	18.00



The Majestic

The Lightning Washing Machine

A good first-class machine made of Virginia White Cedar. Price \$6.75

Washboards

Ruby	\$0.45
Northern Queen .....	.55
Tidal Wave .....	.45
White Hen Glass .....	.50
Brass King .....	.75
Naiad .....	.45
Special Star .....	.50
Junior-Pail .....	.30
Blue Jay .....	.60



LADDERS, SLEDS, ETC.



U. S. Extension Ladders

20 Foot	} Price \$0.20 ft.
24 Foot	
28 Foot	
32 Foot	
36 Foot	
40 Foot	

Common Ladders

10 to 18 ft.	per ft. \$0.13
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Apple Ladders

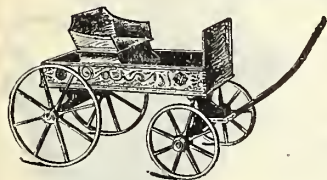
5 to 15 ft.	per ft. \$0.13
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Step Ladders

Paris, 3 to 10 ft.....	per ft. \$0.35
Gem, 3 to 10 ft.....	per ft. .25

All Prices Subject to Market Changes.

**Paris Manufacturing Company's
Carts, Wagons, Wheel-Barrows, Sleds,
Frame and Clipper
Baby Sleighs and Sled Boxes
Wood Faucets**



WOOD FAUCETS

6 in. Leather lined	\$0.07
7 in. Leather lined .....	.08
8 in. Leather lined .....	.10
10 in. Leather lined .....	.12
10 in. Metal Key .....	.30



BROOMS, BRUSHES, ETC.

Our line of Brooms is a carefully selected one, especially in the better Grades

Whisk Brooms
20 to 35 cents each.

Nail and Vegetable Brushes

No. 20 Nail. Price	\$0.05
Handy House. Vegetable. Price .....	.10
Postage Extra, .05.	

Stove Brushes

No. 31 Price	\$0.25
No. 45 Price .....	.30
Postage Extra, .05.	

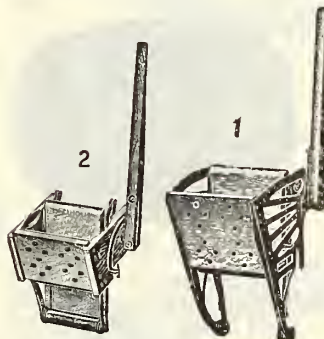
Wall Dryers

Empire	\$0.65
Smith's .....	.60
No. 1 Acme .....	.15
No. 2 Acme .....	.25
No. 3 Acme .....	.35



Smith's Wall Dryer

Mop Sticks



No. 7 Ideal	\$0.15
No. 4 Trojan .....	.15
No. 10 Heavy .....	.30
No. 5½ Combination Brush and Mop .....	.20

**The White Perfection Mop
Wringer**

It is the most practical wringer made and will last from two to four times as long as any mop wringer made.

No. 1 Hotel size	\$2.35
No. 2 Family size	1.65
No. 3 Family size, Steel Frames.....	2.15

Window Brushes

No. 50	\$0.50
No. 60 .....	.60
No. 70 .....	.70

Toboggans

Quoted on application

Skiis

All sizes and styles, quoted on application.

Full line of Paris Mfg. Co.'s goods in stock at all times.

All Prices Subject to Market Changes.

Shoe Brushes

No. 106	\$0.20
No. 7 .....	.30

Counter or Dust Brushes—Set Bristles

No. 2	\$0.30
No. 3 .....	.35
No. 4 .....	.40
No. 5 .....	.45

Floor Brushes

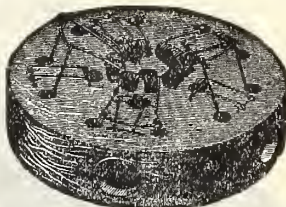
No. 8 14 in. Set Bristle	\$1.00
No. 10 14 in. Set Bristle	1.25
No. 12 14 in. Set Bristle	1.50
No. 14 14 in. Drawn Russia	2.00
No. 16 16 in. Drawn Russia	2.50
No. 18 18 in. Drawn Russia	3.00
No. 1 Imperial. 14 in. ....	.75

Scrub Brushes

No. 0 White	\$0.10
No. 3 White .....	.20
No. 90 Black .....	.25
No. 70 2 Row Rice Root .....	.08
No. 77 3 Row Rice Root .....	.15

Mouse Traps

Hold 'Em	\$0.30
Dead Easy .....	.05
Five Hole Tin .....	.10
Four Hole Wood .....	.10

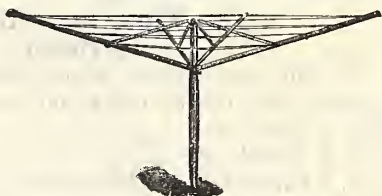


Rat Trap

Hold 'Em	\$0.60
Star .....	.25
Dead Easy .....	.15



Star Rat Trap

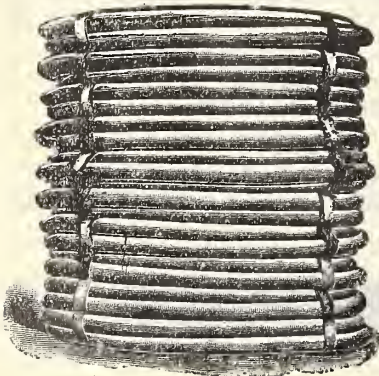


Outdoor Clothes Dryers

Cotton Line

No. 1 110 ft. 4 Line	\$6.25
No. 2 150 ft. 5 Line	6.75

MISCELLANEOUS



Rubber Garden Hose

½ In., ¾ in., and ¾ in., 5, 6 and 7 Ply.

Price: 10 to 16½ cents per foot.

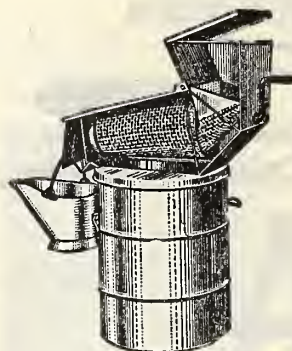


Galvanized Watering Pots
6, 8, 10, 12 and 16 quart sizes.
Prices on application.



Galvanized Coal Hods

No. 516 Small. Price	\$0.65
No. 517 Medium. Price	.70
No. 518 Large. Price	.75



Revolving Dustless Ash Sifters

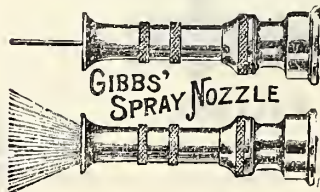
Prices on application.



A favorite for years.

Has a removable screw tip which may be removed to produce a heavier stream.

Price50; postpaid, .55



Gibbs' Spray Nozzle

Positive Shut off.
Few Parts.

Price \$0.45
Postpaid50

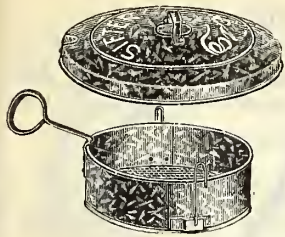
The "Fountain" Lawn Sprinkler

One of the really good things. Made entirely of brass, no movable parts. Nothing to get out of order.

Price, \$0.75; postpaid, \$0.85



All Prices Subject to Market Changes

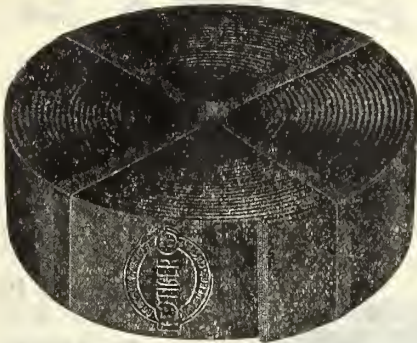


**No. 0 Nesco
Ash Sifter**
An all metal sifter.

PRICE
With cover \$1.30
Without cover80

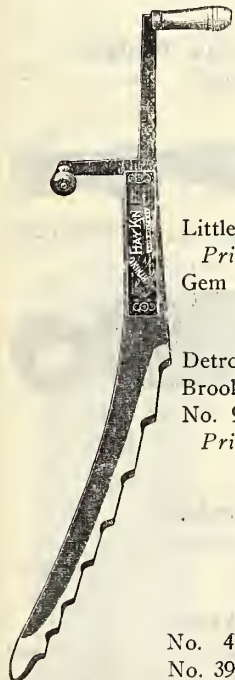
Champion Coal Sieves

Wood Rim with wood cover..... \$0.75
Wood Rim without wood cover55



Rubber Belting
Prices Right.

Cut Lacings
Different Sizes.



**Lightning
Hay Knife**
Price, \$1.10

Grass Hooks

Little Giant, folding blade,
Price \$0.40
Gem rigid blade. Price.... .25

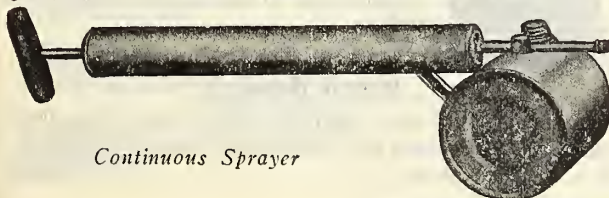
Corn Hooks

Detroit Plain. Price.....\$0.30
Brooks, Serrated. Price .40
No. 95. Serrated Adjustable.
Price35



Dust Pans

No. 41 Japannel\$0.15
No. 390 Japannel with steel edge .40

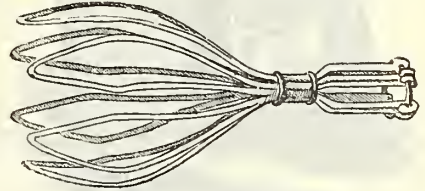


Continuous Sprayer

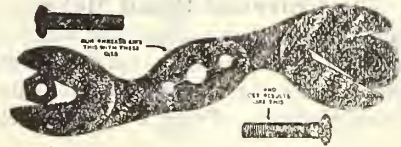


Machine weighs 6 lbs. Furnished with three tubes, 5 nozzles and strap. Distributes any dry powder. Dusts one or two rows. Reservoir holds nearly a quart of Powder.

Price \$7.75



Wire Fruit Picker
To attach to pole.



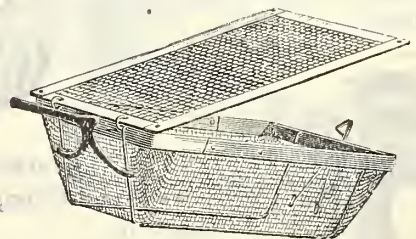
**A Wrench and Thread Cutter. Frosted Nickel,
Non-Rusting**

This tool has more uses than any wrench on the market. A necessity on the farm, in every shop and household.
Price, \$0.50; by mail, \$0.55



**Lowell
Hand Oil Sprayer**

No. 112 All Tin. Price\$0.40
No. 114 All Brass. Price 1.15
No. 115 All Tin. Continuous. Price75
No. 0 All Tin. Junior Size. Price35



Common Corn Popper

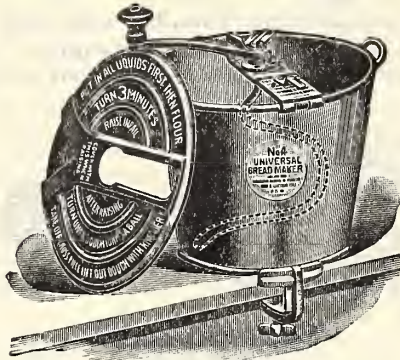
1 Quart \$0.15
1½ Quart20
2 Quart25
4 Quart50
2 Quart. Extra Heavy30

All Prices Subject to Market Changes

Universal Steel Hand Coffee Mills

Black Enamel Finish, handsomely ornamented, patent adjusting device. Grinds as fine or coarse as wanted. Grinders warranted equal to steel.

No. 109	Height 6 in.	.....	\$0.70
No. 110	Height 8½ in.	.....	.90



The Universal Bread Maker

Three minutes in this easy and pleasant way. Twenty to thirty minutes by the old way. The hands do not touch the dough, which is mixed and kneaded thoroughly in three minutes by this machine. Price, No. 4, \$3.00; No. 8, \$3.50

Can Openers

Centaur	.....	each	\$0.10
Never Slip	.....	each	.10
No. 17	.....	each	.05

Lightning Fruit Jar Opener

Price, \$0.10.

98 Turntable Apple Parer

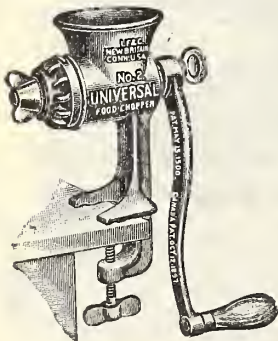
Price, \$1.00.

White Mountain Apple Parer Corer and Slicer

Price, \$0.75.

Egg Beaters

No. 5	Holt's	.....	\$0.15
No. A	Holt's	.....	.20
No. B	Holt's	.....	.30
Lyons	.....	.....	.25



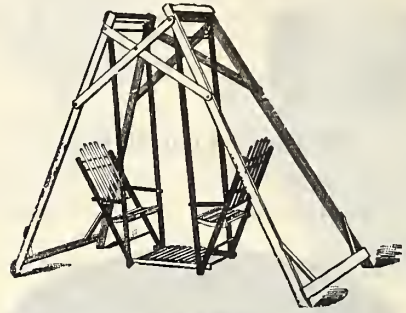
Universal Food Chopper

No. 0	.....	\$1.65
No. 1	.....	2.10
No. 2	.....	2.50
No. 3	.....	3.30
No. 344	.....	12.75



Lawn Swings

No. 6	Favorite, two passengers, each	.....	\$3.75
No. 2	Fairfield, two passengers, each	.....	4.25
No. 5	Fairfield, four passengers, each	.....	6.50

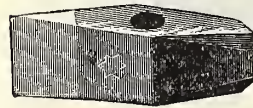


Picks, Mattocks, Etc.

Wood Choppers' Mauls

6 to 9 lbs.

Price, per lb. \$0.23



Contractors' Pick

Price, \$1.40.

Railroad Pick

Price, \$1.00.

Axe Wedges

Price

.10 .20

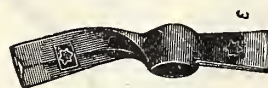
Wood Choppers' Wedges

3½ to 6 lbs.

Price, per lb. \$0.13

Saw Wedges

Price, per lb. \$0.20



Short Cutter Mattock

Price, \$1.15.



Long Cutter Mattock

Price, \$1.15.



Pick Mattock

Price, \$1.15.



Grub Hoe

Price, \$0.90.



Crowbars

12 to 18 lbs.

Price, per lb. \$0.11

Axes

Geo. B. Haskell Co., King and Mountaineer in Maine, Half Wedge and Double Bit Patterns.

Barrel Headers

A simple contrivance, but indispensable for putting heads in barrels after being filled with apples and other produce.

No. 1	1-inch Screw	\$2.25
-------	--------------	-------	--------

All Prices Subject to Change Without Notice



Trucks, Etc.

Bag Trucks

Barrel Trucks

One Half and Full Ironed.
Prices from \$2.25 to \$10.00.

Heavy Barrel Trucks

- No. 1\$3.00
- No. 4 3.75

Eureka Barrel Truck
Price, \$2.50.



Axle Grease

- Fraser's Small Tin Boxes.....\$0.10
- Fraser's 3½ lb. Tin Pails25
- Snow Flake..... 1 qt., .30; 2 qts., .50; 1 gal., .90
- Mica, 10 lbs.75

Harness Composition

- 1 lb., Small\$0.25
- 2 lb., Medium50

Harness Dressing

- Pint Cans\$0.35
- Quart Cans50

I. X. L. Harness Oil

- Pint Cans\$0.25
- Quart Cans35



**Highley's
King of Pruners
Both Self-Holding
and Non-Holding**

Never any danger of receiving shock by crossing electric wires, as they are operated by a cord running the entire length of pole.

- 12 ft. Self-Holding\$1.25
- 14 ft. Self-Holding 1.40
- 16 ft. Self-Holding 1.50
- 12 ft. Non-Holding 1.15
- 14 ft. Non-Holding 1.25
- 16 ft. Non-Holding 1.40

Rockdale Pruners

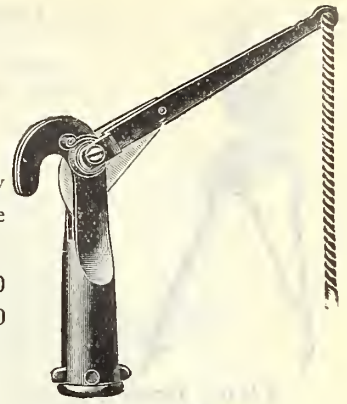
- No. 35, 26 in. Price, \$1.15
- No. 38, 41 in. Price, 1.25
- No. 142, 26 in. long ferule. Price 1.35



**Telephone
Pruner
Head**

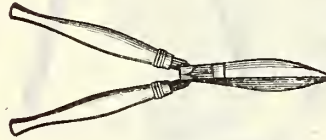
Made to attach to any pole. Are heavier than the regular tree pruners.

- Price, each\$1.00
- Postpaid 1.10



**Hedge
Shears
8-inch**

- Price\$1.25
- Postpaid 1.35



**Iwan
Post Hole
Auger**

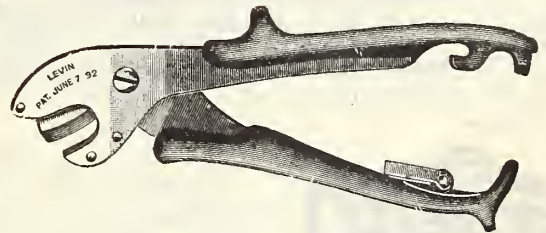
- 8 inch\$2.00



**Standard
Tree Pruners**

Very useful for trimming trees, and cutting down moths' nests.

- | | |
|---------------|--------|
| | PRICE |
| 8 ft. | \$0.90 |
| 10 ft. | 1.00 |
| 12 ft. | 1.15 |
| 14 ft. | 1.25 |
| 16 ft. | 1.40 |
| Knives | .15 |
| Springs | .10 |



Levin Pruning Shears

Postpaid

- No. 23\$0.55
- No. 2465

**Secor's Weeding
Hook**

- Price, .10.
- Postpaid, .15.



All Prices Subject to Market Changes

Pruner Shears. (California Pattern)

Japanned. Price .55, postpaid
Nicked. Price \$1.00, postpaid



Clyde Draw Cut Pruner

The most powerful pruner made.

24 in.\$2.50

Sure Clip Grass Shears35 postpaid



Wood Measures

1 qt., .20, 2 qts., .30, 4 qts., .40
8 qts., .55 ½ bushel, \$1.15
Nest of five sizes\$2.30



Norcross Cultivator Hoe

5 Prong 4-ft. Handle Price \$1.00
3 Prong 4-ft. Handle Price .75

"Norcross" Midget Weeder



For Flowers, Shrubbery and Garden.

Quality and Finish same as Cultivator-Hoes
Weight 12 oz., 9 in. Handle.....Price \$0.35
Postpaid .40



Hazeltine Hand Weeder

By far the best and most practical Weeder for all kinds of vegetables and flowers ever invented. Especially adapted to the weeding of Onions and Sugar Beets. It pays for itself every hour it is used in the home or market garden.

Price, .35; postpaid, .40

Foot Warmers

More commonly known as soap stones.

Price, 6 x 8\$0.25
Price, 7 x 930
Price, 8 x 1035

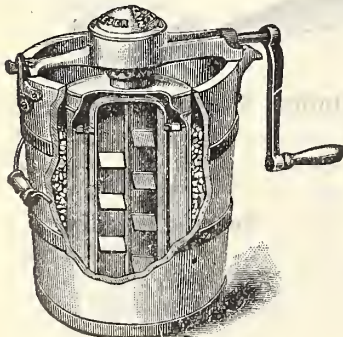


White Mountain Ice Chipper

Price, \$0.50. Postpaid, \$0.60.

White Mountain Freezers

The most popular freezer used in this section. Positive triple action.

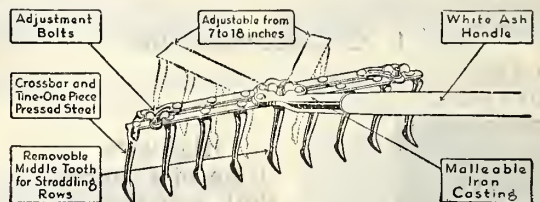


1 quart\$2.45
2 quarts 3.00
3 quarts 3.60
4 quarts 4.25
6 quarts 5.40
8 quarts 7.00
10 quarts 9.00
12 quarts 11.25
15 quarts 13.50
20 quarts 17.50
25 quarts 22.50

Asparagus Knife

Drop Forged Blade, excellent not only as an asparagus knife, but the "best ever" for digging Dandelions and other weeds.

Price, \$0.35, Postpaid, .40



Pull-Easy Adjustable Garden Cultivator

4½ Foot Handle\$1.50



Indurated Fibre Ware

A Full Line of Fibre Ware Tub. Spittoons. Measures.

If you don't own a Garden Seeder and Garden Cultivator and are doing any gardening at all don't lose any time in calling on us and see what we have to offer you in the way of seeders, cultivators, etc. You don't have to do a very large amount of gardening to save the price of one of these tools.

All Prices Subject to Market Changes

Climax Ball-Bearing Grindstone



A well and substantially built machine equipped with both hand crank and treadle. Frame is a combination of wood and steel—finished in Japan and red paint. Runs “true” and easy, for journals are fitted with Ball-Bearings.

Furnished with carefully selected Berea grit stone—from 2 to 2¼ inches thick.

Climax Ball Bearing. Large stone \$5.75
 Climax Ball Bearing. Medium stone 5.25

Cycle Ball-Bearing Steel Frame Grindstone



It's made right—built on up-to-date mechanical principles. Equipped with same grade and size stone as used in Climax Machine. Peculiar construction of frame insures great rigidity. Upper frame forms brace for legs which are made of one-piece angle steel.

Ball-bearing axle and pedal cranks cause stone to revolve rapidly, easily, and evenly. Attractively finished in red or black enamel. Easily set up.

Cycle Ball Bearing Medium Stone \$5.45

GIBRALTAR PORTABLE PLATFORM SCALE

Single Beam with Wheels

Beams graduated 50 lbs., by ¼ lbs.

It is absolutely accurate and durable.

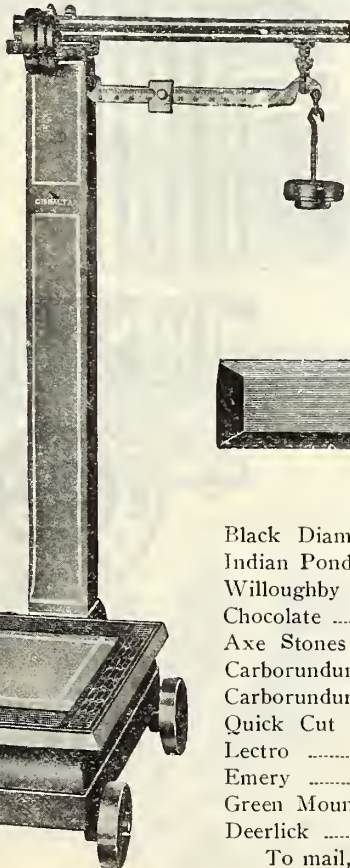
The “Gibraltar” scale is made to comply with the laws on weights and measures of all States of the Union.

600 Pounds Capacity. Platform 16x25.

Price, \$17.50

800 Pounds Capacity. Platform 17x26.

Price, 19.25

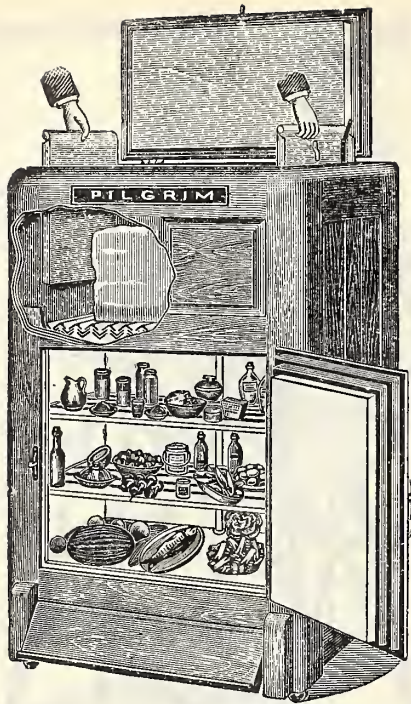


Scythe Stones

Black Diamond .....	.15
Indian Pond .....	.10
Willoughby Lake .....	.10
Chocolate .....	.10
Axe Stones .....	.05
Carborundum. Small .....	.20
Carborundum. Large .....	.25
Quick Cut .....	.10
Lectro .....	.10
Emery .....	.10
Green Mountain .....	.05
Deerlick .....	.05

To mail, add 5 cents ea.

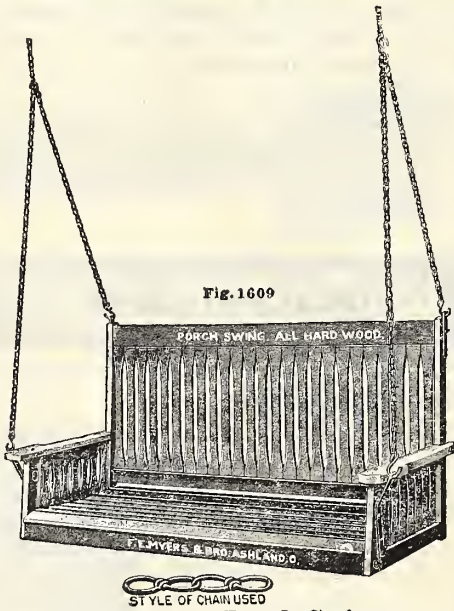
All Prices Subject to Market Changes



Refrigerators

We handle the unexcelled line of White Mountain and Pilgrim Refrigerators and can recommend these most strongly to anyone desiring this article.

If interested let us mail you illustrated catalog giving complete description and sizes of the different styles, also price. *Buy a Refrigerator that will satisfy you.*



The Myers Porch Swing

Myers Porch Swing, made of hardwood throughout, formed seat, galvanized chains and hooks, nicely finished in Brown Mission.

Width of Seat 18½ inches; height of Back, 21½ inches; length over all, 48 inches. Price \$3.75



Steel Road Scrapers

They are shaped cold from a single piece of steel lapped and riveted at the corners. They are uniform in thickness throughout except at the corners, where they are of double thickness.

No. 0. Capacity 9 cubic feet. Price\$19.50

No. 1. Capacity 7 cubic feet of earth, weight 105 lbs.

Price 13.00

No. 2. Capacity 5 cubic feet of earth, weight 95 lbs.

Price 12.00

No. 3. Capacity 3 cubic feet of earth, weight 85 lbs.

Price 11.00

We have a little lighter made scraper that sells at \$1.00 less on each size.



Sinks

We carry the principal sizes of cast iron sinks, fitted for lead pipe.

2½ feet x 18 in.....\$3.25

3 feet x 20½ inches..... 3.75

3½ feet x 22 inches..... 4.90

4 feet x 24 inches..... 6.25

4½ feet x 24 inches..... 8.25



Dustbane

The very best of all sweeping compounds on the market. No sand to increase its weight. It is a perfect Dust Killer. Every Storekeeper as well as every housewife should have a supply on hand and use it at every sweeping. A handful at a time when you sweep absorbs the dust, brightens the floor and cleans your carpet.

Prices: Large can, .25; 50-lb. can, \$2.00; ½ bbl., .75 lbs., \$3.00; bbl., 150 lbs., \$5.25.

All Prices Subject to Market Changes

O-Cedar Mops

A Better and Easier Way to Clean



No more back-breaking to clean and polish the floors; no more crawling under the bed, or moving of heavy furniture; no more climbing up on chairs to dust the mouldings or tall furniture. The O-Cedar Polish Mop gathers all the dust from everywhere and holds it. Does not stir up the dust but collects it.

Cleans and polishes at the same time, putting a high, hard, lasting lustre on all varnished surfaces. There is nothing to equal the O-Cedar Polish Mop for polished floors, linoleums, etc. Gets down into the corners, gets the dust under beds, heavy furniture, radiators, etc. The mop is padded and cannot scratch or mar the furniture.

The only polish mop that can be successfully washed and cleaned and renewed.

Prices

No. 1. Large Round O-Cedar Polish Mop.....	\$1.50
No. 2. Small Round O-Cedar Polish Mop.....	1.00
No. 3. Large Triangle O-Cedar Polish Mop.....	1.25
No. 4. Small Triangle O-Cedar Polish Mop.....	.75

O-Cedar Polish

A Wonderful Varnish Food

For cleaning and polishing floors, furniture, automobiles, etc. O-Cedar is by far the most economical furniture polish as it is used with water. Puts on a high, hard, lasting lustre, and does not leave a bluish cast and gummy surface. It contains no grease, mineral by-products or benzenes.

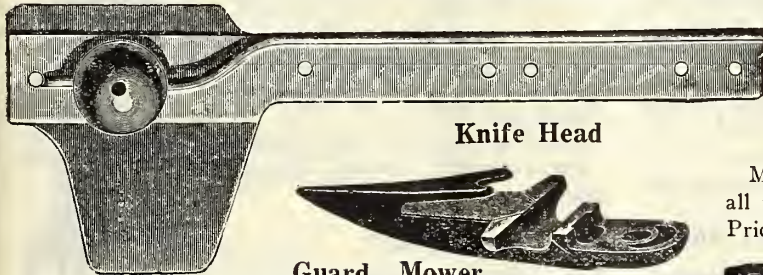
Every ingredient of O-Cedar Polish is a pure vegetable substance. Positively will not ignite. It is easy to use. Very little rubbing is required.

O-Cedar Polish is well and favorably known and is widely advertised in connection with the O-Cedar Polish Mop.



Price: 4 oz. Bottles \$0.25	Price: 1 qt. Cans..... 1.00
Price: 12 oz. Bottles. .50	Price: 1 gal. Cans . 2.50

REPAIRS AND PARTS



Knife Head



Guard Mower

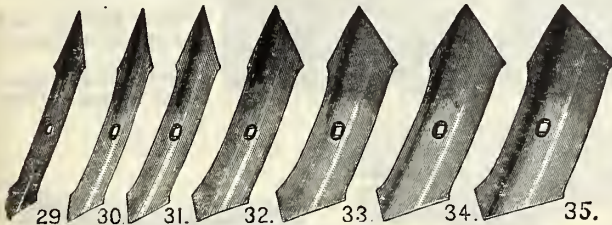
Guard Bolts and Guard Plates for all Guards, Knife Heads, Sections, Rivets, etc., all guaranteed to fit the machine for which they are intended.



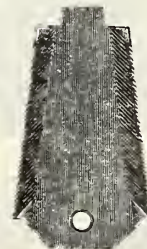
Steel Harrow Tooth: Square $\frac{1}{2}$ and $\frac{3}{8}$ inch.



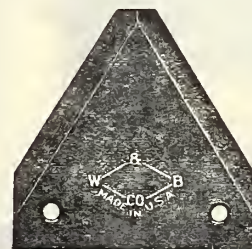
Drive Punch: $\frac{1}{2} \times 6$ 15 postpaid .20



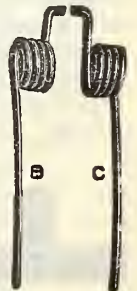
Cultivator Steels



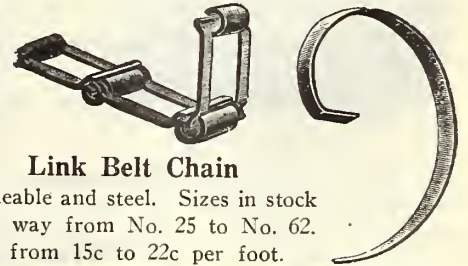
Guard Plate



Section



Tedder Fork



Link Belt Chain

Malleable and steel. Sizes in stock all the way from No. 25 to No. 62. Prices from 15c to 22c per foot.

Spring Harrow Tooth

Cold Chisel: Prices $\frac{1}{2} \times 6$.....	.15	postpaid .20
Cold Chisel: Prices $\frac{1}{2} \times 6$.....	.15	postpaid .20
$\frac{5}{8} \times 6 \frac{1}{2}$.....	.20	postpaid .25



Mower Knife

Notice—In ordering repairs always give name of machine and number on old part. When the number or letter cannot be found, it is always best to send, by parcel post or express prepaid, the old or broken part, thus avoiding mistakes or delays.

All Prices Subject to Market Changes

BARN DOOR HANGERS



The Myers Adjustable Tandem Stayon Flexible Door Hanger with Steel Roller Bearings

This is the only hanger on the market that can be adjusted perpendicularly so as to locate the door at any point above the ground desired, or laterally so as to adjust the door to or from the building, and will also adjust itself to any thickness of door.

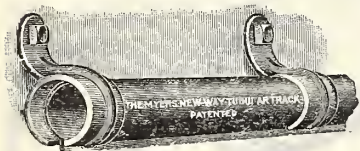
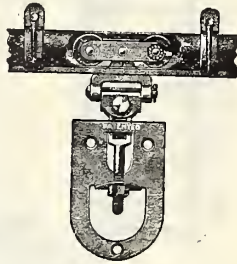
Price \$1.65 per pair

The Myers New-Way Adjustable Tandem Door Hanger

For Tubular Girder Track Adjustable to and from Building and to Raise and Lower the Door

The adjustable features of this hanger are very important, as they enable the user to adjust the door to and from the building.

Price, \$2.25 per pair



Myers Tubular Track

Myers Tubular Track

\$0.25 per foot

Intermediate Brackets

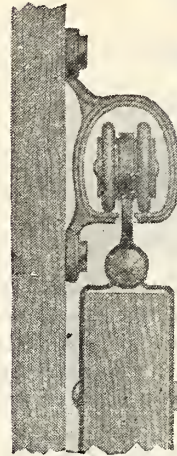
\$1.90 per doz.

End Brackets

\$1.90 per doz.

McKenney Door Hanger

No. 10. To run 10 feet.....\$0.75



"Whirlwind" End View of Hanger—No. 6

Porter "Whirlwind" Barn Door Hanger—No. 6

This Whirlwind Hanger itself is very compact, it is ball-bearing throughout. The wheels are made of hardened steel and each runs upon twenty-four balls. The track, as will be seen from the cut, is in the form of an ellipse, with one end flattened so as to provide a level surface upon which the wheels run.

Price, \$1.25 per pair

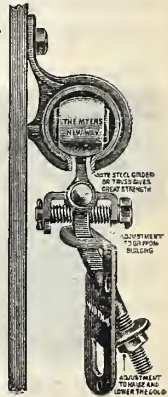
Track, \$0.17 per foot

Brackets, \$1.30 per doz.

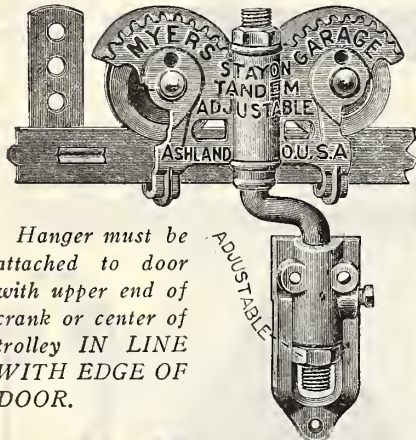
END VIEW

The Myers "O. K. Adjustable Stayon" Flexible Covered Door Hanger Single Truck Patented

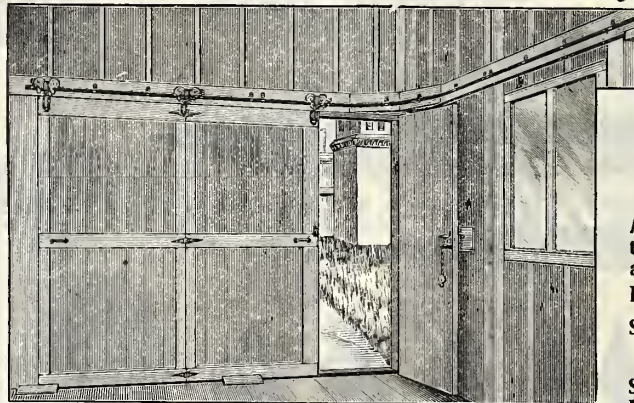
With Hard Steel Roller Bearings. Pushes and pulls easily. The "O. K. Stayon" is constructed with a malleable iron frame extending over and covering the wheel.



Myers Right Angle Garage Door Hanger



Hanger must be attached to door with upper end of crank or center of trolley IN LINE WITH EDGE OF DOOR.



Malleable Iron Frame

Unusual Strength

Wheels Completely Covered

Adjustable to and from the building and up and down by means of patented crank

Stayon Feature—Can't Come Off the Track

Steel Roller Bearings—Easy to Push and Pull

Fig. 1793



Steel Track, 4, 6, 8 ft.

JOINT

Fig. 860

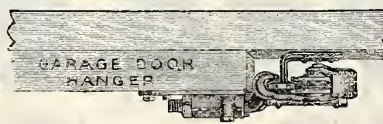


Fig. 1702



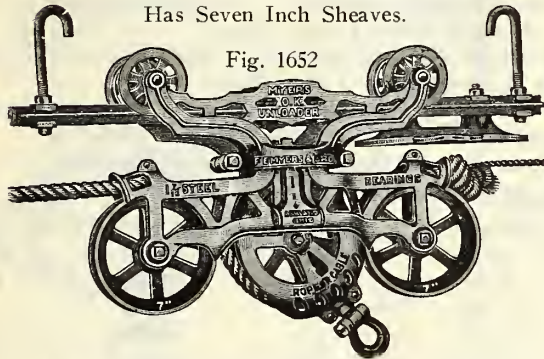
Radius of this Curve not less than 30 inches

PRICE LIST—One Set of 3 in a Carton

No. 25, Myers Adjustable Tandem Door Hanger, complete with bolts. Per set of 3..... \$1.75
 Myers O. K. Steel Track, in 4, 6 and 8 ft. lengths. Per foot..... .10

HAY CARRIERS THE MYERS O. K. HAY UNLOADERS Patented

For Rope or Cable Draft
HAS EXTRA LONG TRUCK
Reversible and Swivel
For Double Steel Track
Has Seven Inch Sheaves.



The Myers O. K. Unloader with extra long truck and seven-inch sheaves for cable draft rope is especially designed for heavy work. The long truck distributes the load on the track and adapts the car for using two forks or slings.

The bearings on all rope sheaves are 1 7-16th diameter, hard turned steel.

Price List, Represented by Fig. 1652

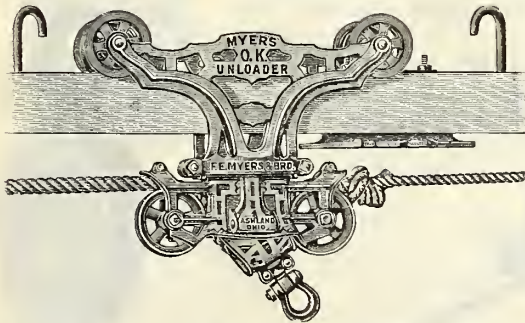
No. 209. Myers O. K. Unloader for Double Steel Track, rope or cable draft, 7-inch sheaves, 1 7-16 inch steel bearings. *Net Price, \$9.00*

No. 200. Myers O. K. Unloader for double steel track, rope draft, small sheaves, otherwise same as No. 209.

Net Price, \$8.00

Reversible and Swivel. For Wood Track
HAS SEVEN-EIGHTH INCH TURNED
STEEL AXLES

Fig. 1547



The Myers O. K. Unloader is our latest and best production. Has extra long and heavy truck, distributing the load on track and designed for heavy work, such as slings or two forks.

We guarantee this machine to be stronger than any other carrier made.

Price List Represented by Fig. 1547

No. 205. Myers O K Unloader for Wood Track, rope draft. *Net Price, \$8.00*

All Prices Subject to Change Without Notice

No. 212. Myers O. K. Unloader for wood track, rope draft. Same as No. 205 and in addition has 7-inch rope sheaves. *Net Price, \$9.00*

MYERS CLOVER LEAF UNLOADERS For Double Steel Track

Fig. 1031

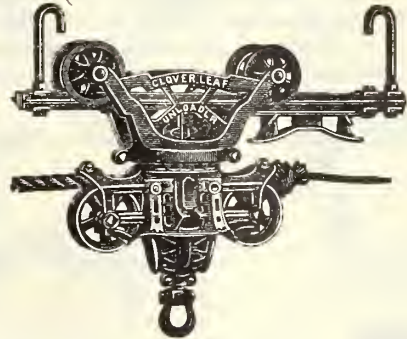


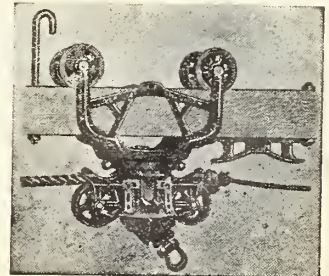
Figure 1031 represents the new Clover Leaf Unloader made of malleable iron throughout. Is heavy and substantially made. Is fitted with wide, open mouth to receive the fork pulley when approaching in any direction. Also has swinging fork pulley which relieves the carrier from all strain when drawing hay over a high beam or into a well-filled mow. The track wheels revolve on 7/8-inch turned steel axles. The rope sheaves have longer hub than any other make of carrier. The lock is composed of three parts, and has no springs. The locking device grasps the fork pulley on either side, and permits it to swing free.

No. 114. *Net Price, each*..... \$8.00

For Wood Track

Fig. 1032

Has Swinging Fork Pulley—a Great Advantage in Drawing Hay into a Mow When Filled Near the Roof.



The above illustration represents the Clover Leaf Unloader as made for wood track. This carrier is fitted with a wide, open mouth to receive the fork pulley. The rope sheaves and track wheels are all fitted with large turned bearings. The machine is both swivel and reversible—combined in one machine. By this device the machine can be reversed by reversing the swivel or by drawing the rope through from end to end.

No. 120. *Net Price, each*..... \$8.00

HAY CARRIER OUTFITS

Special Notice

When requesting quotations do not fail to give exact length of barn, whether ridge or full rafter, and distance between rafters. Also state whether you expect to hoist from end or center of barn.

Estimates For Hay Carrier Outfits

Estimate of material required for a Steel Track Outfit for different length barns:

For a 40-foot barn, One Carrier, 36 ft. Track, 21 Hanger Hooks, 12 Rafter Brackets, 1 Harpoon, or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 160 feet $\frac{3}{4}$ Manila Rope, 55 feet $\frac{3}{8}$ in. Check Rope, 1 Rope Hitch.

For a 50-foot barn, One Carrier, 48 ft. track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 160 feet $\frac{3}{4}$ in. Manila Rope, 55 ft. $\frac{3}{8}$ in. Check Rope, 1 Rope Hitch.

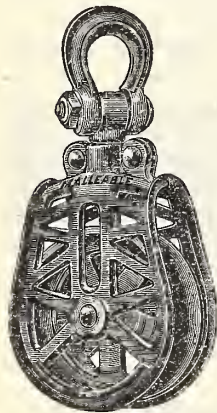
For a 60-foot barn, One Carrier, 54 ft. Track, 20 Hanger Hooks, 20 Rafter Brackets, 1 Harpoon or Grapple Fork, 3 Pulleys, 3 Floor Hooks, 185 feet $\frac{3}{4}$ -in. Manila Rope, 65 feet $\frac{3}{8}$ -in. Check Rope, 1 Rope Hitch.

Above estimates of Rope are for an End Hoist. In hoisting from center of barn, less Rope will be necessary.

Manila Rope

Diameter	Circumference	Strength in lbs.	Feet to lbs.	Diameter	Circumference	Strength in lbs.	Feet to lbs.
$\frac{1}{4}$	$\frac{3}{4}$	450	43	$\frac{3}{4}$ in.	$2\frac{1}{4}$	3,900	6
5-16	1	750	30	$\frac{7}{8}$ in.	$2\frac{3}{4}$	5,600	4
$\frac{3}{8}$	$1\frac{1}{4}$	950	24	1 in.	3	6,750	3
7-16	$1\frac{1}{4}$	1,200	19	$1\frac{1}{8}$ in.	$3\frac{1}{2}$	9,150	2
$\frac{1}{2}$	$1\frac{1}{2}$	1,700	13	$1\frac{1}{4}$ in.	$3\frac{3}{4}$	10,600	$2\frac{1}{2}$
$\frac{5}{8}$	2	3,000	$7\frac{1}{2}$				

Pulleys



No. 1124



No. 1267



No. 1120



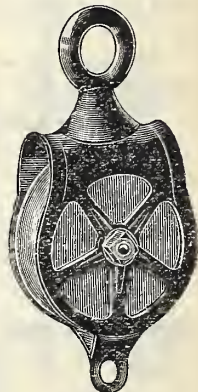
No. 1133



No. 692



No. 466



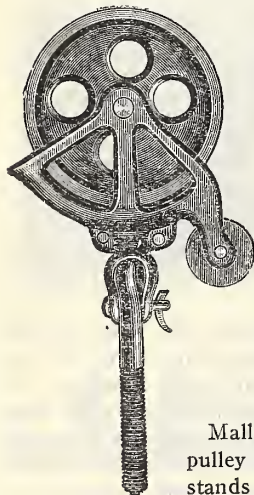
No. 486



No. 1701

Price each

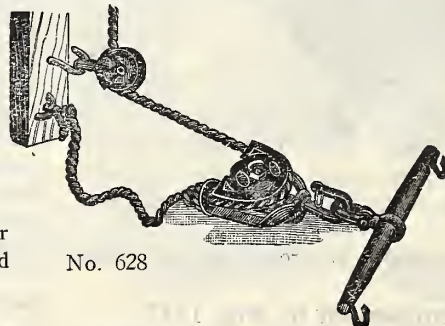
No. 1133. Plain Pulley, 6-inch maple sheave malleable frame	\$0.45
No. 692. Cast Frame $5\frac{1}{2}$ inch iron sheaves.....	.35
No. 486. Floor Pulley with large loose pin.....	.50
No. 1267. Cast frame, plain, 6-inch maple sheave, 1 inch hollow axle .....	.35
No. 1120. Malleable frame knot passing, 6-inch maple sheave, 1-inch axle .....	.55
No. 1701. Malleable Pulley. Malleable Frame and sheave, steel axle, roller bearing	1.25
No. 466. O. K. wood pulley with steel yoke, 1-inch hollow axle .....	.45
No. 1124. Special Malleable Frame, extra heavy.....	1.25



Cross Floor Pulley

Malleable throughout, has idler pulley to keep rope in place, and stands erect on floor.

Price on Application



No. 628

Snatch Block Pulleys—Price, each, \$1.15

Useful in limited space, horse only travels half distance.

List Prices Subject to Discount



Myers Patent Double Steel Track

Price per foot \$0.23

Grapple Fork

4 tined \$11.25
5 tined 13.25



Double Harpoon Hay Fork

Price each

25 inch \$2.00
31 inch 2.50
Alfalfa 4.65



Wood Track Hanger Hooks Per Doz.

10 inch \$1.15
12 inch 1.25
14 inch 1.35
16 inch 1.50
18 inch 1.60



Ridge Pole Hooks

3/8-inch Price per Doz. \$0.90



Jointed Hanger Hooks Per Doz.

12 inch \$2.25

Steel Track Hanger Hooks

Price, per dozen \$1.60

Jointed Steel Track Hanger Hooks

Price per dozen \$2.25

Knockers, Stops, Wheels and complete line of Repairs for Myers Clover Leaf Unloaders.



Rafter Brackets

Price per dozen \$0.70



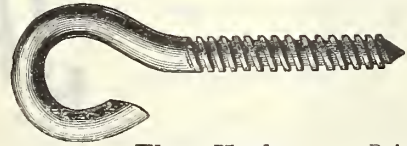
Steel Grapple

Each \$0.85



Swivel Rope Hitch

Each \$0.35



Floor Hooks

Price per Doz. \$1.80

3/4-inch \$1.80

Drive Screws

Price

Per gross \$1.15

THE COLONIAL PAINT

The Colonial Paint is a Pure Linseed Oil Paint, that has been on the market for many years, and is considered one of the leading brands.

The materials composing this product, carefully treated as they are, make a paint of great roughness and elasticity that has excellent covering capacity and durability.



As the choicest coloring ingredients are used in making this product the richest coloring tone and finest finish is developed, and the building to which it is applied presents a beauty of appearance which distinguishes it from others in the locality.

The Colonial Paint is manufactured in forty different shades from which beautiful color combinations can be made, that will not only harmonize with the architectural design of any building, but also with the surroundings, thereby making the property much more attractive, and also increasing its value.

The Colonial Paint can be sold with perfect assurance that it will meet the demand of every user.

Colonial Wagon and Implement Paint

For farm wagons, machinery and implements.

Dries with a high, durable gloss.

It is money well spent to protect implements from rust and decay.



Colonial Floor and Deck Paint

"Made to Walk On"

Excels in lustre, toughness and elasticity. Dries hard over night.

Manufactured in fifteen colors—Brown, Dust, Yellow, Gray, Lead, Light Drab, Red, Drab, Spruce, Green, Terra Cotta, Stone, Maple Red, Maroon, Pearl Gray.

Amalgam Paint—A preservative coating for wood, metal and other exterior surfaces.

Automobile, Carriage Paint—For painting and varnishing all kinds of vehicles in one operation.

Colonial Bath Enamel—For use on the tile, metal, wood or other surfaces in the bath-room or about the bath-tub.

Colonial Quality Colors in Oil—Manufactured from purest and strongest pigments that can be obtained.

Vel-ve-ta

The Sanitary Washable Wall Finish



Vel-ve-ta is manufactured under a patented formula—contains no lead or other poisonous pigments, and although applied to the surface like an oil paint, when dry it is non-absorbent, can be washed with soap and water, and is therefore sanitary.

It dries with a beautiful soft and velvety finish, which is pleasing and restful to the eye.

It will not turn yellow, craze or peel. It will not show laps, streaks, or brush marks.

Vel-ve-ta is recommended for interior decoration in homes and public buildings, and in factories. It is equally adapted for this use because it effuses light.

Dry Colors—High grade in every respect.

Colonial Screen Paint—For coating wire screens. Will not clog.

Chalco Paint and Varnish Remover—For removing paint or varnish.

Transparent Colored Varnishes

Gold and Aluminum

Solid Enamel Colors

There is a color provided for every requirement of the housewife who wishes to keep her floors, furniture, woodwork, etc., in spic and span condition. There is also Jap-a-Lac Floor and Interior Varnish (Natural) which is the most durable floor varnish on the market. Jap-a-Lac is for use on window screens, screen doors, iron fences, radiators, registers, water pipes, automobiles, wagons, in addition to the most common uses such as in floors, furniture and woodwork.

GLIDDEN GREEN LABEL VARNISHES

The name "Glidden" on a label is an absolute guarantee of high quality. Nearly fifty years of experience in the manufacture of varnishes and specialties for all purposes together with the most modern facilities, insures uniform quality at all times and goods that can be depended upon to give perfect satisfaction. Any person purchasing goods under the Glidden Green Label Brand can feel assured that he is receiving full value. There is a brand made for practically every purpose and at prices which fit any pocket-book. Send for price list.

GLIDDEN ENDURANCE WOOD STAINS

Superior to oil or spirit stains and do not raise the grain. Glidden's Endurance Wood Stains are for use on new wood which has never been finished. This line is made of fourteen attractive colors. Their beauty and practicability lie in the fact that an even stain is produced, thus insuring a beautiful, lasting finish. The stains produce the beautiful Mission effect, so much in vogue at the present time, and are also for use when securing a waxed or varnished finish. *Color Cards and Price Lists on Application.*

INTERNATIONAL ELASTIC CARBON PAINT



A practical, scientific blending and grinding of oils and pigments, making a paint of enduring elasticity for shingle, felt, canvas, paper, asphalt, tin and iron roofs, bridges, machinery, tanks, iron or steel buildings, smoke stacks, boilers, burners, brick, tile, concrete, farming tools, wagons, also the hulls and bottoms of vessels and boats.

Our International Elastic Carbon Paint

Combines extreme usefulness and economy, because it is thoroughly elastic. Used on roofs or iron work, it lasts longer than any other for the reason that the paint expands and contracts in keeping with the surface on which it is placed.

This paint is not only elastic in the highest degree, but it has a very heavy body which fills all holes and cracks, making the surface perfectly water-tight. It cannot peel, crack or blister.

In fact, it is the ideal paint for the purpose for which it is made.

Price: 1 Gallon..... .50 Larger Quantities on application.

Bronzite

The Permanent Green Paint



Made from an ore base, Kolonite, which gives it stability of color.

Bronzite is recommended for the painting of store fronts, doors, blinds, structural and ornamental work, fences, and in fact all outside surfaces generally where a green paint is desired.

Bronzite is impervious to chemical action, atmospheric conditions, resists heat and is non-corrosive.

Bronzite is a specialty green, the green that is different—it lasts, wears and holds its color, and covers more surface than other greens.

Bronzite is put up in six shades, in paste form in 12½ and 25 pound pails, also in liquid form.

Eagle White Enamel—For interior decoration of woodwork, etc.

Whitney & Griffin Barn Red—For painting barns, fences, etc.

White Lead—Short, fine, and of exceptional whiteness.

JAP-A-LAC

Comprises three individual lines of household finishes under one trademark name, "Jap-a-Lac."

MYERS LINE OF PUMPS

We carry the most complete line of Pumps in this section. We have it whether you want it for house, barn or orchard. House pumps, well pumps, for all conditions including spraying pumps and pumps for pneumatic water systems, whether hand or power. If it's a Myers it is right.

The Myers Long Stroke Cog Gear Brass Cylinder Pitcher Pump

Price List Represented by Fig. 1665



Fig. 1665

No. R 220. 3 Inch brass cylinder cog gear pitcher pump, with patent glass valve seat, tapped for 1/4 inch suction pipe. List Price \$7.50

No. R 222. 3 1/2 Inch brass cylinder cog gear pitcher pump, with patent glass valve seat, tapped for 1 1/2 inch suction pipe. List Price \$9.00

The Myers Cog Gear Pitcher Pump Fitted With Brass Valve Seat

Price List Represented by Figure 1675



Fig. 1675

No. R416. 3 Inch polished iron cylinder, tapped for 1/4 inch suction pipe. List Price \$4.50

No. 416. 3 Inch polished iron cylinder, tapped for 1/4 inch suction pipe. Plain Head. List Price \$4.25

The Myers Cog Gear House Lift Pump with Siphon Spout and Glass Valve Seat

Price List Represented by Fig. 1663 and Fig. 1473

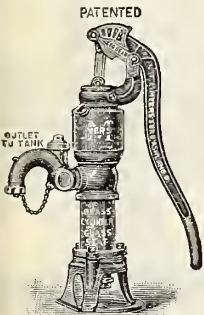


Fig. 1663

No. R 245, Fig. 1663. 3 Inch brass cylinder, tapped for 1/4 in. suction pipe. List Price \$8.25

No. R 247. Fig. 1663. 3 1/2 Inch brass cylinder, tapped for 1 1/2 inch suction pipe. List Price \$9.75

No. R S 245. Fig. 1473. 3 Inch brass lined cylinder, tapped for 1/4 inch suction pipe, 4 foot set length. List Price \$11.25

No. R S 247. Fig. 1473. 3 1/2 Inch brass lined cylinder, tapped for 1 1/2 inch suction pipe, 4 foot set length. List Price \$12.75

The Myers Cog Gear House Force Pump with Siphon Spout and Glass Valve Seat

No. R 251. Fig. 1663. Force pump, 3 inch brass cylinder, tapped for 1/4 inch suction pipe. List Price \$12.00

No. R 253. Fig. 1663. Force pump, 3 1/2 inch brass cylinder, tapped for 1 1/2 inch suction pipe. List Price \$13.50

Cock Spout as on Fig. 1664 on either of above pumps. Add to List Price \$1.50

No. R S 251. Fig. 1473. Force pump 3 inch brass lined cylinder, tapped for 1/4 inch pipe, 4 foot set length. List Price \$12.75

No. R S 253. Fig. 1473. Force pump 3 1/2 inch brass lined cylinder, tapped for 1 1/2 inch pipe, 4 foot set length. List Price \$14.25

Cock Spout on either of above pumps, add to list price \$1.50

Myers Brass, Brass Lined and Polished Iron Cylinders

Fig. 976. Myers Brass Lined Cylinders are constructed with an outer shell of cast iron, in which is placed a heavy seamless drawn brass tube, ends of which are swaged out by our patent roller process to fit bevel on outer shell. They are fitted with our single or double leather plunger, and are guaranteed to give satisfaction.

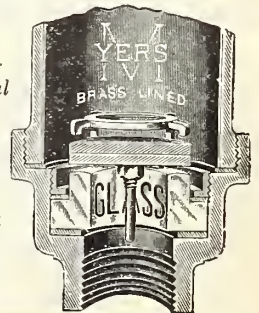


Fig. 976

Fig. 215

Fig. 215. Myers Brass Cylinders, with Glass Valve Seat, capped outside, are especially adapted for drilled wells of small diameter. They are made of the best quality seamless drawn brass, have our special brass sand plunger, and are first class throughout.

Fig. 577
Brass
Cylinder
Sectional
View



Drive Well Points

No. 86-7/8 in. x 12-3 ft. List Price \$1.65
No. 98-1/4 in. x 3 ft. List Price \$2.85
No. 136-1/2 in. x 2 ft. List Price \$2.50
No. 144-1/2 in. x 3 ft. List Price \$3.75

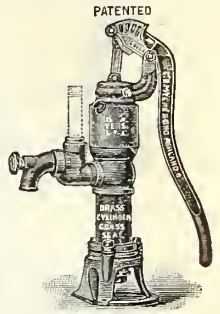


Fig. 1664

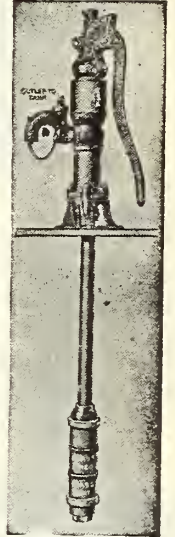


Fig. 1473

List Prices Subject to Discount

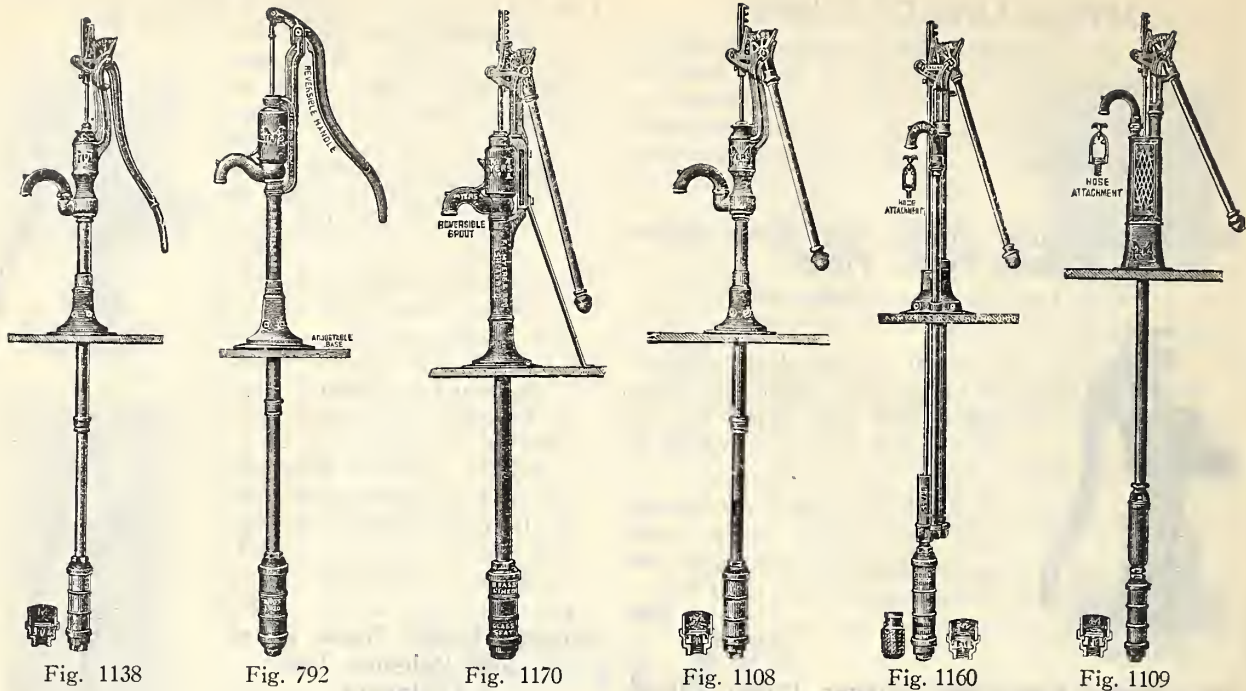


Fig. 1138

Fig. 792

Fig. 1170

Fig. 1108

Fig. 1160

Fig. 1109

Myers Adjustable Base Lift Pump

- Fig. 795—No. 125. 3½ Inch polished Iron cylinder, with iron seat, tapped for 1½ inch suction pipe. List Price \$10.50
 Fig. 792—No. 124. 3 In. polished iron cylinder, with iron seat, tapped for 1¼ inch suction pipe.....List Price 9.00
 Fig. 792—No. 130½. 3½ Inch brass lined cylinder, with glass seat, tapped for 1½ inch suction pipe. List Price 13.50

Myers Cog Gear Lift Pumps

- Fig. 1108—No. R152—3 Inch brass lined cylinder, with glass seat, tapped for 1¼ inch suction pipe. List Price.... 12.00
 Fig. 1108—No. R154— 3½ Inch brass lined cylinder, with glass seat, tapped for 1½ inch suction pipe. List Price 13.50

Myers Cog Gear Stock Lift Pump

- Fig. 1170—R104. 4 Inch brass lined cylinder, with glass seat, tapped for 2 inch suction pipe..... List Price 20.25

Myers Cog Gear Branch Pipe Double Acting Force Pumps

- Fig. 1160—No. R12. Has a 2½ inch brass liner lower cylinder, with glass valve seat tapped for 1¼ inch suction pipe. List Price 22.50
 Fig. 1160—No. R14. Has a 3 inch brass lined lower cylinder, with glass valve seat tapped for 1¼ inch suction pipe. List Price 22.50
 Fig. 1160—No. R12. Has a 2½ inch brass lined lower cylinder, with glass valve seat, tapped for 1½ inch suction pipe. List Price 24.00.

Myers Cog Gear Combination Shallow or Deep Well Force Pumps

- Fig. 1109—No. R184. Has a 2½ inch brass lined lower cylinder with latest improved glass valve seat. The brass upper cylinder is 4½ feet below the platform tapped for 1¼ inch pipe. List Price 22.50
 Fig. 1109—No. R186. Has a 3 inch brass lined lower cylinder with latest improved glass valve seat. The brass upper cylinder is 4½ feet below the platform tapped for 1¼ inch pipe List Price 22.50
 Fig. 1109—No. R188. Has a 3½ inch brass lined lower cylinder with latest improved glass valve seat. The brass upper cylinder is 4½ feet below the platform, tapped for 1½ inch pipe..... List Price 24.00

Myers Cog Gear Single Acting Force Pumps

- Fig. 1138—No. R172. 3 Inch brass lined cylinder, glass valve seat, tapped for 1¼ inch suction pipe.....List Price 13.50
 Fig. 1138—No. R174. 3½ Inch brass lined cylinder, glass valve seat, tapped for 1½ inch suction pipe. List Price 15.00

List Prices Subject to Discount

Myers Pump Jacks

Fig. 1684—No. 426. Master Double Gear Pump Jack. Back geared, 6 to 1. Pulleys 3 x 12 inches. Extra wide, 13 inches between the gear wheels. *List Price* \$21.00



Fig. 1684

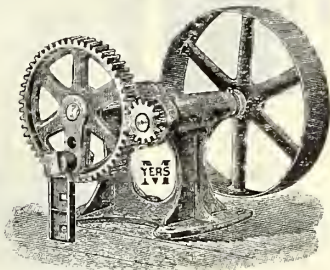


Fig. 1668

Fig. 1668—No. 400. Junior, with 36 in. wood rod and handle connections. *List Price* \$16.50

Fig. 514—No. 350. Direct or Back Geared Counter-shaft, 12 x 3 1/2 in. tight and loose pulleys. *List Price*, \$22.50

Fig. 1605

No. 366. Back geared 6 to 1, 12 inch tight and loose pulleys. *List Price* \$15.00

FIG. 1637 FOR PRESSURE TANK WORK

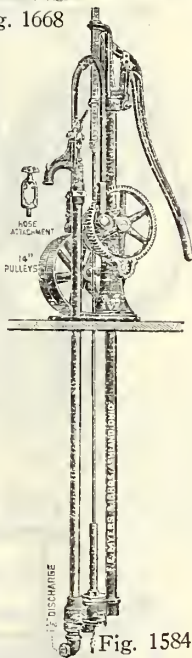


Fig. 1584

Myers Vertical Power Hydro-Pneumatic Pump

Fig. 1637

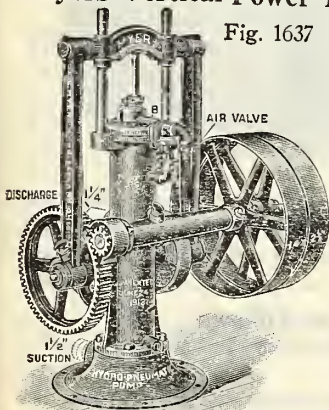
The special advantage of this style pump over an independent Air Compressor is that it admits just enough air at all times to keep Pressure Tank in proper working condition, whereas—when separate Air Compressor is used—it is often overlooked until Tank becomes water-logged.

The air can be admitted or cut out by tightening or loosening the air cap.

Capacity 360 gallons

No. 378A—For Shallow Wells.....*List Price* \$63.00

No. 379A—For deep wells.....*List Price* 72.00



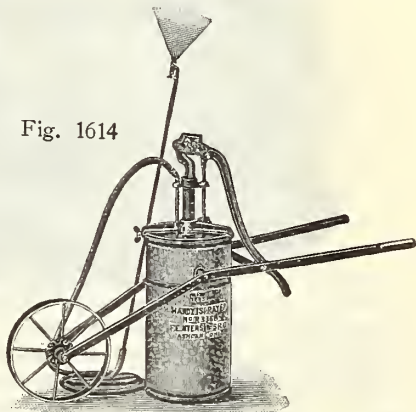
Myers Imperial Working Head

Fig. 1584—No. 389, Myers Imperial Working Head with machine cut gear and 14 inch pulleys, as shown in Fig. 1584. *List Price* \$45.00

Myers Handy Portable Sprayers

Fig. 1614—No. R336B with cog gear pump. Mechanical Agitator, 15 feet of 1/2 inch hose, 8 foot pipe extension in two 4 foot parts and Vermorel Nozzle. Tank is made of heavy galvanized iron, 12 1/2 gallon capacity. A general utility outfit suitable for spraying trees, whitewashing, painting, etc. *List Price*, \$37.50

Fig. 1614

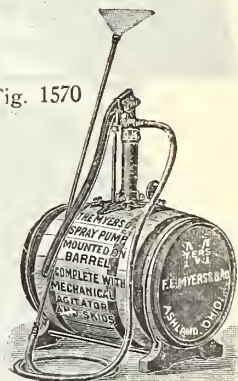


Price List Represented by Fig. 1570

No. R299B mounted complete with 50 gallon barrel; has Mechanical Agitator, solid brass Ram Plunger, Ground Bevel Valve and Seat. One lead of 15 feet of 1/2 inch, 7 ply hose and (Fig. 1290) Fembro Nozzle. *List Price* \$45.00

No. R299C, same as above, except with two 15 foot leads of 1/2 inch, 7 ply hose and nozzles. *List Price*, \$52.50

Fig. 1570



SPRAY PUMPS

Myers Cog Gear Spray Pumps—Double Acting

Price List, Represented by Fig. 1571

No. R317B. Pump complete with 100 gallon tank and mechanical agitator, mounted on skids, with pressure gauge, one 15 foot lead of 1/2 inch 7 ply discharge hose, one Fembro Fig. 1290 nozzle, one 8 foot pipe extension with lever shut off. *List Price* \$82.50

No. R317C, Pump complete with 100 gallon tank and mechanical agitator, mounted on skids, with pressure gauge, two 15 foot leads of 1/2 in. 7 ply discharge hose, two Fembro Fig. 1290 nozzles, two 8 foot pipe extensions with lever shut off. *List Price* 90.00

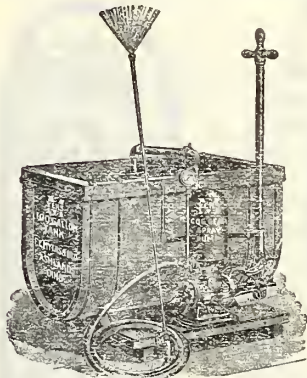
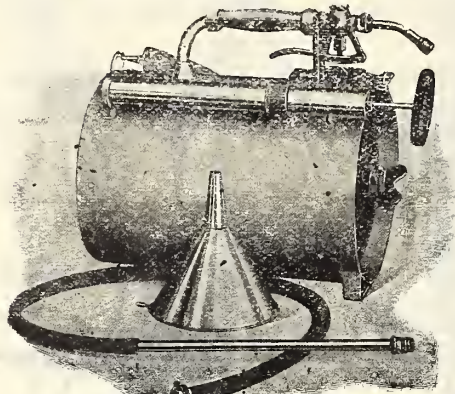


Fig. 1571

List Prices Subject to Discount

SPRAY PUMPS
LOWELL COMPRESSED AIR SPRAYER



Lowell Compressed Air Sprayer

Does not require constant pumping.

Has an automatic thumb lever valve.

Most practical for Orchard, Field and Garden Work.

No. 110—Galvanized with hose, brass pipe and nozzle.

Net Price, \$6.25

No. 111—Brass, with hose, brass pipe and nozzle.

Net Price, 10.00



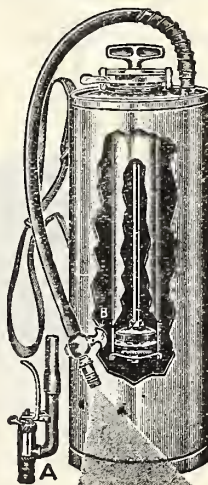
Kant Klog Sprayer

Kant Klog Sprayer

The tank of this sprayer is made of heavy polished brass or galvanized steel as ordered. Top and bottom are seamed very strongly to sides, under heavy pressure, making very strong construction. With galvanized steel body, brass air pump, hose, escape valve, "Kant-Klog" Nozzle, spring shut-off and carrier strap.

Net Price, \$6.75

With polished brass body and same attachments as above. *Net Price 9.75*



Brown's Auto Sprayer

A practical machine for applying Bordeaux and all solutions to Potatoes, Tobacco and Small Fruits, Poultry Houses, etc.

Brass Extension Pipes, Torches and different nozzles furnished as extras if wanted.

No. 1A Brass auto spray with stop cock nozzle. *Net Price*

\$8.75

No. 1B Brass auto spray with auto pop nozzle. *Net Price*

9.50

No. 1D Galvanized auto spray with auto pop nozzle.

Net Price, 7.00 Brown's Auto Sprayer

List Prices Subject to Discount

Myers Knapsack Spray Pumps

Fig. 547—No. 330, Galvanized Tank

List Price..... \$15.00

No. 547—No. 331, Copper Tank

List Price 24.00

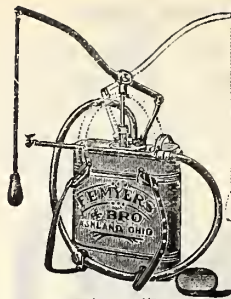


Fig. 547

Fig. 1358

Myers Whitewash and Spray Outfit

Fig. 1358—No. 329, Myers Whitewash, Cold Water Painting machine and general purpose sprayer complete as illustrated.

List Price, \$16.50



Myers Cog Gear Barrel Spray Pump

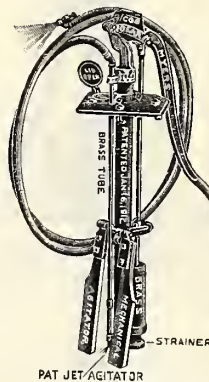
Fig. 1521—No. R318 Myers Cog Gear Spray Pump only, with both jet and mechanical agitator, but without hose or nozzle.

List Price, \$15.75

Fig. 1521—No. R318B complete with one lead of 15 feet of ½ inch 5 ply hose, graduating Vermorel Nozzle, both jet and mechanical agitator.

List Price, 21.00

No. R318B mounted on barrel extra. *List Price..... 7.50*



PAT JET/AGITATOR

Fig. 1521

MYERS POWER SPRAY OUTFITS

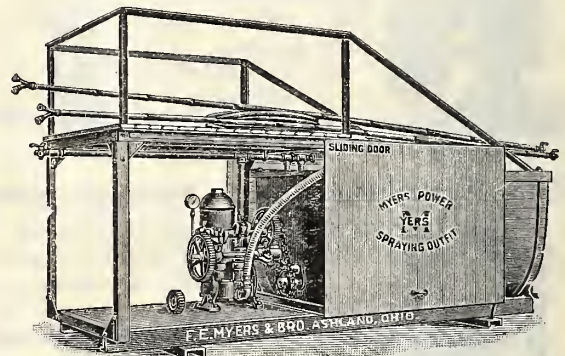


Fig. 1591

Fig. 1591 Myers Senior Power Spray Outfit complete less engine as shown with 200 gallon tank, No. 446—2½ inch Duplex Pump, with pinion for crank-shaft of engine.

No. 1. *List Price \$300.00*

Equipped as Follows:

1—50 foot lead of ¾ inch best grade high pressure discharge hose.

1—10 foot lead of ¾ inch best grade high pressure discharge hose, 10 feet wire bound suction hose.

2—10 feet Bamboo Pipe Extensions complete with lever shut off.

MYERS POWER PUMPS Myers Bulldozer Power Pumps

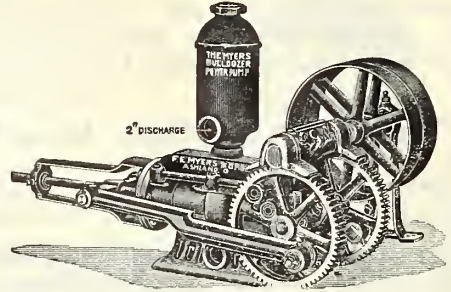


Fig. 959

Fig. 959—No. 362. With 3 inch brass lined cylinder, 5, 7½ and 10 inch stroke, 16 x 4 inch pulleys. Capacity 24 gallons per minute. Should be run 20 to 40 revolutions per minute, 2 inch suction and discharge.

List Price \$112.50

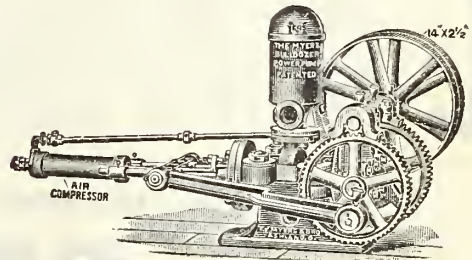


Fig. 1319

Fig. 1319—No. 502A with a 3 x 5 brass lined cylinder, 14 x 2½ inch, tight and loose pulleys, suction 1½ inch. Discharge 1¼ inch. 2 x 5 inch air compressor.

List Price 115.50

No. 502, same as No. 502A, but without air compressor.

List Price 97.50

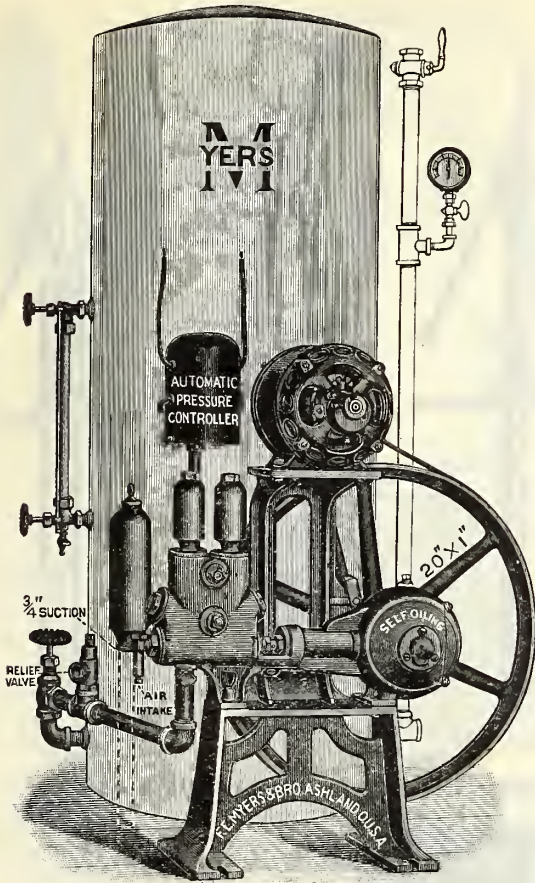


Fig. 1815

Fig. 1815. Myers Electric House Pump complete as shown for Pressure Tank water systems. Descriptive matter and prices on application.

Myers Cog Gear Low Down Force Tank Pumps

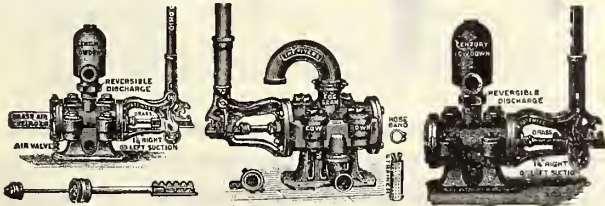


Fig. 1374

Fig. 1287

Fig. 1371

Fig. 1374—No. R286A. Hydro Pneumatic Century low down, 3 inch brass lined cylinder, tapped for 1¼ inch pipe.List Price, 27.00

Fig. 1287—No. R470. Fitted with hose nipple, hose attachment, hose band and strainer.....List Price, \$16.90

Fig. 1371—No. R286. Century low down, double acting 3 inch brass lined cylinder tapped for 1¼ inch pipe.

List Price, 22.50

List Prices Subject to Discount

Myers Siphon Power Pumps

Fig. 1226—No. 373, with 2½ inch brass cylinder, suction and discharge, tapped for 1½ inch pipe. Has 30 x 4 in. pulleys, 4 inch direct stroke. List Price \$67.50
No. 374 same as 373, but with a 3 inch brass cylinder.List Price 69.00

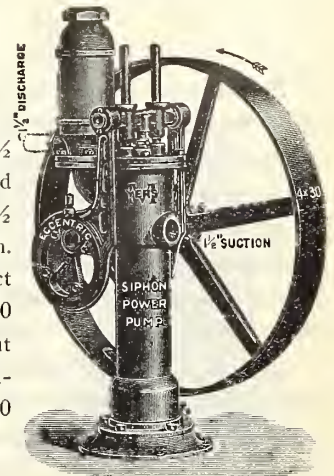


Fig. 1226

Myers Cog Gear Branch Pipe Three-Way Single Acting Force Pumps

Fig. 1159—No. R227. With brass plunger without lower cylinder tapped for 1¼ inch pipe. *List Price*, \$19.50

Fig. 1159—No. R228. With brass plunger tube with 3 to 14 brass lower cylinder, tapped for 1¼ inch pipe. *List Price*, 28.50

Myers Imperial Cog Gear Single Acting Windmill Force Pump

Fig. 1765—No. R236A. 1¼ Inch three-way, brass plunger tube, 3 x 14 inch brass lower cylinder. *List Price* \$33.00

Myers Windmill Regulator Force Pumps

Fig. 406—No. 243. Fitted with 1½ inch 3-way 3 x 14 brass lower cylinder and plunger tube. *List Price* \$46.50

Myers Windmill and Tank Pumps

Fig. 695—No. 159. 2 Inch brass cylinder valve seat, tapped for 1½ inch pipe, suction and discharge. *List Price* \$24.00

Fig. 695—No. 160. 2½ Inch brass cylinder glass valve seat, tapped for 1½ inch pipe, suction and discharge. *List Price* 24.00

Fig. 695—No. 161. 3 Inch brass cylinder, glass valve seat, tapped for 1½ inch pipe, suction and discharge. *List Price* 25.50



Fig. 1159

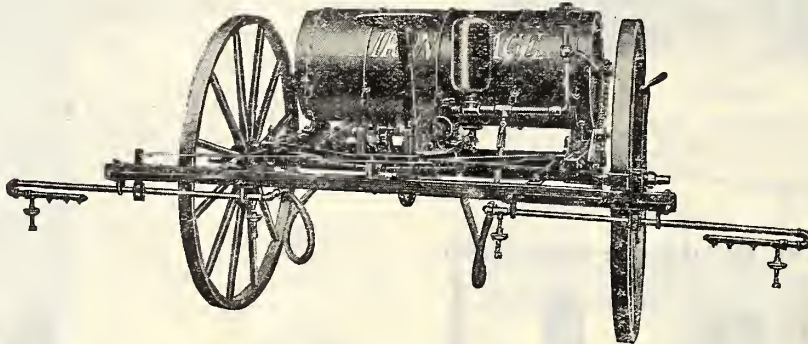


Fig. 406



Fig. 1765

IRON AGE FOUR-ROW, 55-GALLON TRACTION SPRAYER



No. 102 E D

Prevent blight by spraying and also increase the yield enough to pay for machine, solutions and labor in a short time. This is the kind of insurance that saves your crops (and nothing else will) and gives you a handsome profit besides.

Spray for bugs in the quickest, surest way. That means, use the right solutions, at the right time, and put them on with four- or six-row machines that save your time and do the work thoroughly.

Most successful of their kind. This line is the result of ten years of experience making such machines and we do not hesitate to recommend them as the most successful of their kind for more than ordinary reasons—they have capacity, power and adjustment to suit your every need, the best pumps on any line of sprayers made, and every modern convenience for easy working.

Equipment. Double-acting pump 55-gallon wood tank, wood wheels, 50x3 inches and adjustable on the axle for various width rows, regular spray bars, combination pole and thills.

Pipe, fittings, hose, etc., are made of the highest grade of material, as are all parts on the sprayers. Each sprayer includes a bucket strainer. Packed weight, 700 lbs. Descriptive folder and price on application.

List Prices Subject to Discount

Myers Perfect Double Acting Spray Pump

Fig. 653.

Has Brass Upper and Brass Lined Lower Cylinders, all Brass Plunger, Brass Check Valve, Brass Valve Seat, 1 inch Suction Pipe, Strainer, fitted with Canvas Packed Plunger and will handle hot or cold mixture.



Fig. 653.

No. 310, represented by Fig. 653. Perfect Barrel Spray Pump with Strainer, 1 inch suction pipe and mechanical agitator. *List Price*

\$19.65

No. 311B, Perfect Barrel Spray Pump, complete with suction pipe, strainer, 15 ft. of 1/2 inch 5 ply discharge hose, graduated Vermorel nozzle and mechanical agitator.

List Price \$25.50

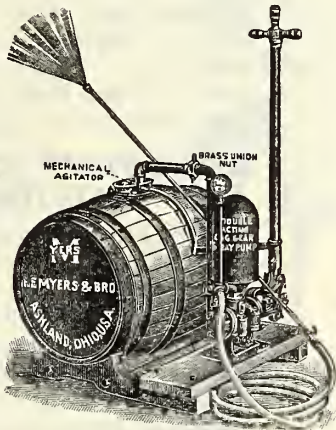


Fig. 1518

No. 312C, Perfect Barrel Spray Pump, complete with suction pipe, strainer, two leads of discharge hose each 15 feet long, two graduated Vermorel nozzles and mechanical agitator. *List Price* \$31.50

Price List, Represented by Fig. 1518

No. R316B, Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, one 15 foot lead of 1/2 inch 7 ply discharge hose, one Fembro Fig. 1290 nozzle, one 8 foot pipe extension with lever shut off and mechanical agitator. *List Price* 60.00

No. R316C, Pump complete, 50 gallon barrel mounted on skids, with pressure gauge, two 15 foot leads of 1/2 inch 7 ply discharge hose, two Fembro Fig. 1290 nozzles, two 8 foot pipe extensions with lever shut off and mechanical agitator. *List Price* 67.50

Myers Bucket Spray Pump

Fig. 639—No. 327 1/2. Little Giant Brass Spray Pump with agitator, complete with hose and Imperial combination, fine, coarse spray and solid stream nozzle with adjustable malleable foot rest. *List Price* \$6.40

Fig. 1726—No. R324. Myers Lever Spray Pump, with agitator complete with hose and graduating Vermorel and solid stream nozzle. *List Price* \$9.00

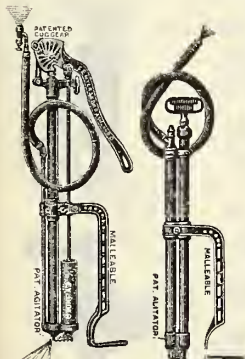
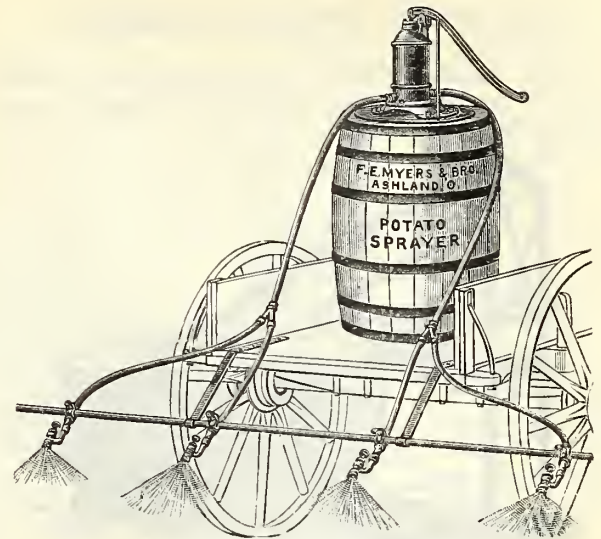


Fig. 1726

Fig. 639



Myers Potato Sprayer

The most practical potato sprayer ever put on the market; it can be attached to any wagon, is very simple in construction and durable, nothing about it to get out of order.

This sprayer is fitted throughout with brass connections and high pressure rubber hose, the liquid not coming in contact with the iron pipe in any way.

Fig. 1105, 4-row spray attachment complete less pump and barrel. *List Price* \$18.75

Fig. 1582, Myers 3-row Potato Sprayer, complete less pump and barrel. (Not illustrated). *List Price* 27.00

Fig. 898

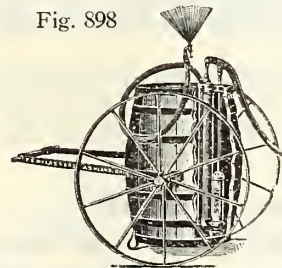
Myers Steel Barrel Cart

Fig. 898. All steel Barrel Cart attached to barrel, has 36 inch steel wheels with 1 1/4 inch tire. Any Myers Barrel Spraying Pump can be used with it.

Steel Cart Only, ready to attach to barrel.

List Price \$18.00

Barrel Extra. *List Price* \$7.50



Myers O. K. Cog Gear Spray Pump

Price List Represented by Fig. 1542

No. R308 Myers O. K. Spray Pump without barrel or hose. *List Price* \$27.00

No. R308B Outfit with one lead 15 ft. of 7 ply 1/2 inch discharge hose and one Fembro (Fig. 1290) nozzle. *List Price* 34.15

R308C Outfit with two leads of 15 ft. 7 ply 1/2 inch hose and two Fembro (Fig. 1290) nozzle. *List Price* 41.25

Barrel not included.

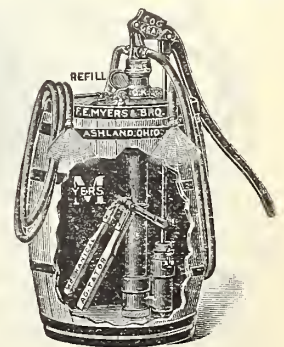


Fig. 1542

Represents No. R308C

List Prices Subject to Discount

4—Fembro Nozzles—(2 45-degrees, 2 straightway.)

2—Fig. 1560 Y's.

Rotary Agitator. Cut-offs for discharge lines. Relief Valve. Pressure Gauge and Strainer. All assembled ready for use, except the engine.

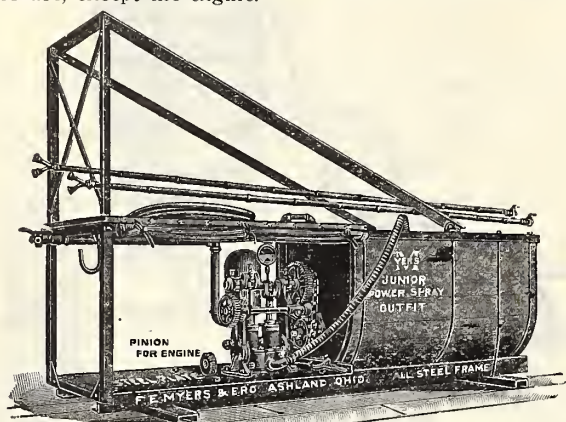


Fig. 1602

Fig. 1602—Myers Junior Power Spray Outfit, complete less engine as shown, with 100 gallon tank. No. 436—2 inch Duplex Pump with pinion for crankshaft of engine. This outfit has curtains instead of sliding doors. No. 10 List Price \$225.00

Equipped as Follows:

- 1 100 Gallon cypress tank.
- 6 Feet 1 inch suction hose.
- 50 Feet $\frac{3}{8}$ inch discharge hose with fittings for 2 leads.
- 4 Fembro Nozzles—(2 straight-away and 2 45-degrees.)
- 2 Fig. 1560 Y's.
- 2 8 Foot Bamboo Pipe Extensions. Rotary Agitator, Pressure Gauge, Relief Valve, Double Cut Off and Strainer. All assembled ready for use, except the engine.

Myers Special Power Spray Outfit

Fitted with 2 inch Horizontal Double Acting Force Pump. Complete Except Engine. Belt Driven.

100 Gallon Tank.

Price List, Represented by Fig. 1686

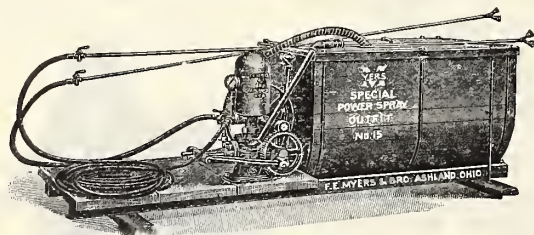


Fig. 1686

No. 15, Myers Special Power Spray Outfit, belt driven, equipped with 50 ft. $\frac{3}{8}$ inch discharge hose with fittings for two leads, two Fembro Nozzles straight away, two Fembro Nozzles 45 degree, two Fig. 1560 Y's, two 8 ft. iron pipe extension, semi-rotary agitator, pressure gauge, relief valve, double cut-off, strainer and suction hose.

List Price \$150.00

List Prices Subject to Discount

CUCUMBER WOOD PUMPS

The very best of material is used in our wood pumps.

Net Prices

All repairs for Wood Pumps carried in stock.

6 ft. Plain	\$4.85
7 ft. Plain	5.35
8 ft. Plain	5.85
10 ft. Plain	7.00
6 ft. Porcelain Lined	6.15
7 ft. Porcelain Lined	6.75
8 ft. Porcelain Lined	7.25
10 ft. Porcelain Lined	8.25
12 ft. Porcelain Lined	9.30
Tubing per ft.	.20

All repairs for Wood Pumps carried in stock.

Wood Pump Prices are Net. No Discount.

SPRAY PUMP NOZZLES AND FITTINGS

Fig. 1559. Represents the popular Fembro 45 degree Nozzle, is fitted with a removable steel disk in the cap. Net Price, \$1.30
Straight Fembro Nozzle. Net Price, \$1.15



Fig. 1317

Fig. 100. Represents the Non Clog Atomic Nozzle; it has the capacity of four ordinary nozzles. It positively cannot clog as it is fitted with a removable wire screen through which all solution passes. Adjustable from a fine wide spray to a solid stream by simply moving the disk in the nozzle.

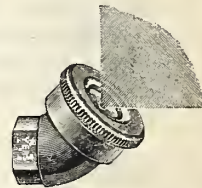


Fig. 1559

All Brass, Net Price \$1.00
Aluminum, Net Price, 1.15

Fig. 1317. Power Nozzle with Self Cleaner.

Net Price, 1.80

Fig. 1564. Graduated Vermorel Nozzle. Net Price, 1.20



Fig. 100

Fig. 1019. Regular Bordeaux Nozzle. Net Price, 1.35

Myers Pipe Extensions

Fig. 480. 8 foot pipe extension, with couplings.

List Price \$.75

Fig. 1534. 8 foot pipe extension with stop cock.

List Price, 1.65

Fig. 1535. 8 foot pipe extension, with lever shut-off

List Price, 1.90



Fig. 480



Fig. 1564



Fig. 1019



Fig. 722. Hose Redu, 3/4 in. hose 1/4 inch pipe.

Net Price, .40

Fig. 1560. Brass Y for two nozzles 1/4 inch pipe.

Net Price, .90

Fig. 1380. 45 Degree Bend, 1/4 inch pipe thread.

Net Price, .45

Fig. 1381. 45 Degree Double Bend, 1/4 inch pipe.

Net Price, .90

Fig. 1283. Lever Shut-off Cock, 1/4 inch pipe.

Net Price, 1.15

Fig. 642. Imperial Nozzle.

Net Price, .60

Fig. 101. Gould's Mistry, Jr., Nozzle, straight or angle brass.

Net Price, 1.00

Fig. 549. Male end 1/2 inch hose—1/4 inch pipe.

Net Price .45

Fig. 1091. Female end 1/2 in. hose—1/4 inch pipe.

Net Price, .45

Myers Bamboo Extensions

Fig. 1536, 8 foot bamboo extension, lever shut off cock

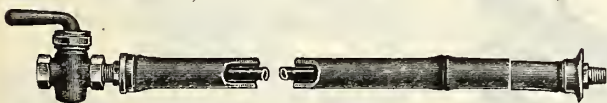


Fig. 1536

No. 1536. 10 foot bamboo extension, with lever shut off cock

Fig. 1536. 12 foot bamboo extension, with lever shut off cock.

Above Prices do not include Nozzles.

Spray Hose

15 Foot Lengths of 1/2 inch 5 ply Hose with couplings.

List Price, \$5.40

25 Foot Lengths of 1/2 inch 5 ply Hose with couplings.

List Price, 8.40

15 Foot Lengths of 1/2 inch 7 ply Hose with couplings.

List Price, 6.55

25 Foot Lengths of 1/2 inch 7 ply Hose with couplings.

List Price, 10.30

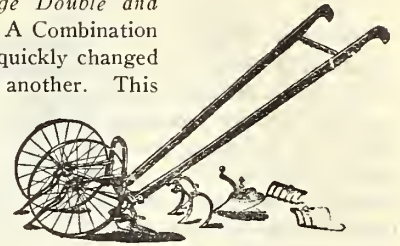
List Prices Subject to Discount

GARDEN CULTIVATORS AND SEEDERS

Iron Age

No. 301. Double and Single Wheel Hoe

No. 301. Iron Age Double and Single Wheel Hoe. A Combination which is easily and quickly changed from one form to another. This feature alone makes the tool doubly valuable. When the plants are young, the double wheel hoe should be used



No. 301

astride the row and the single wheel hoe for working between the rows, after the plants have grown too high to be worked properly any other way. Complete with all tools as shown. Shipping weight, 40 lbs.

Price, \$11.00

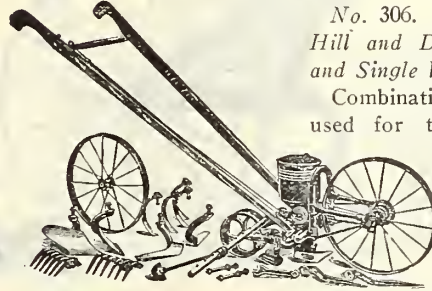
No. 306 Combination Garden Tool

Four Tools in one

Hill Seeder—Drill Seeder

Double Wheel Hoe—Single Wheel Hoe

No. 306. Iron-Age Combined Hill and Drill Seeder, Double and Single Wheel Hoe.

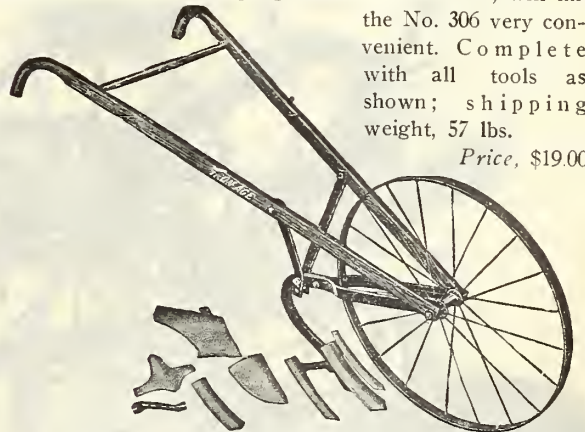


Combination tools should be used for two reasons. They save in first cost and they take less room. Gardeners have found this to be true of the No.

306. Of course most market gardeners prefer to have separate tools always ready to do each separate piece of work—drills, wheel hoes, wheel plows, etc. The home gardener who has enough ground to warrant it, will find

the No. 306 very convenient. Complete with all tools as shown; shipping weight, 57 lbs.

Price, \$19.00



No. 19-C

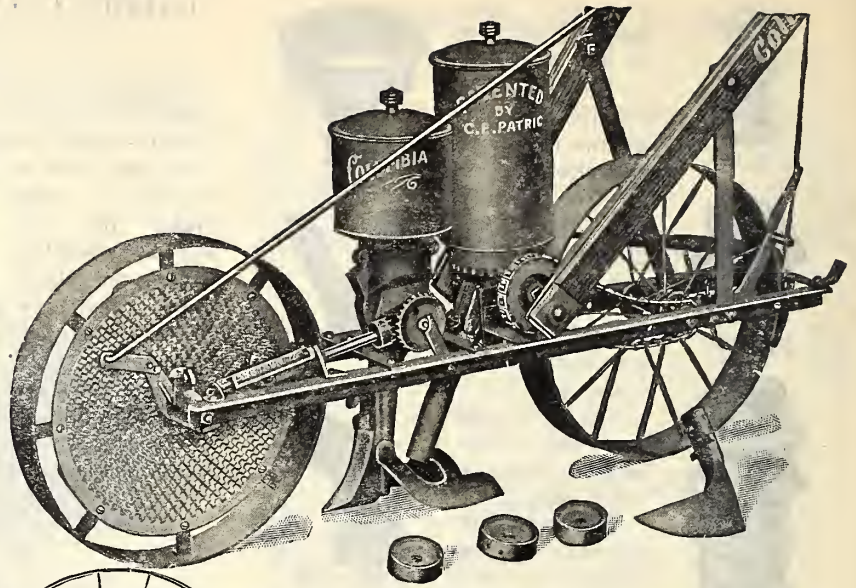
No. 19-C Iron Age Wheel Cultivator and Plow is a low priced tool and will always be a convenience to have for many kinds of work. It does the necessary plowing in many soils, opens furrows for seed or fertilizer and covers on the return trip.

Shipping weight, 22 lbs.....Price \$6.00

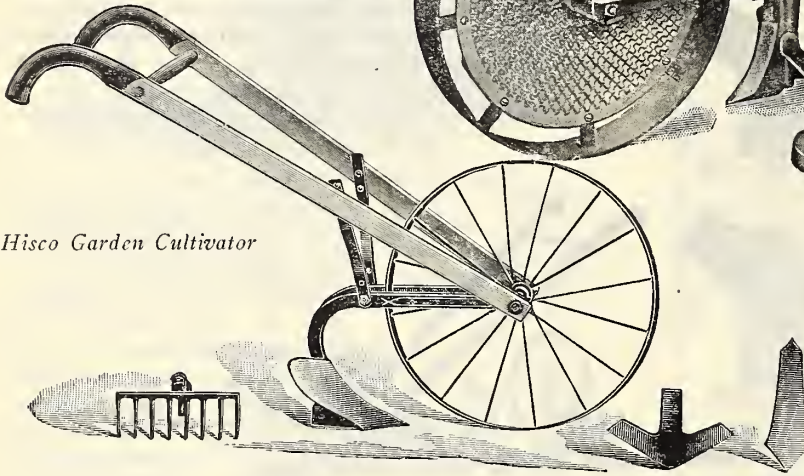
COLUMBIA GARDEN SEEDER

The New No. 10 Columbia Garden Seeder

This new Seeder has created a sensation in the garden tool line and proved to be the most successful and accurate planter on the market. With the Columbia you can plant greater variety of seed and more accurately than any other machine manufactured and also bear in mind that it has positively a force feed No. 10 without Fertilizer attachment.
Price \$15.00



Hisco Garden Cultivator

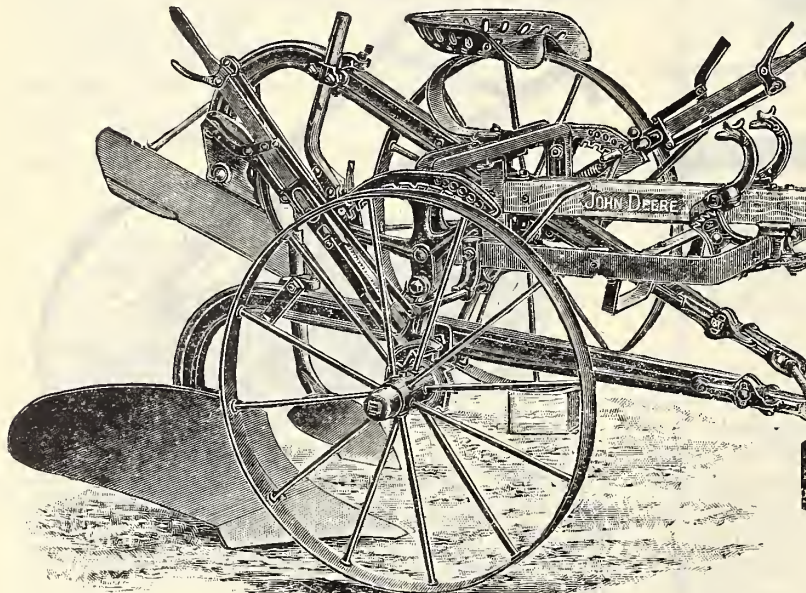


Hisco Garden Cultivator

Hisco garden cultivator has made a reputation and the 24-inch high wheel makes it an implement which will serve any purpose desired. Complete as shown; shipping weight 19 lbs.
Price \$4.00

NEW JOHN DEERE TWO WAY SULKY PLOW

With the Auto Foot Device



New John Deere Two Way Sulky Plow

The John Deere Sulky Plow represents the highest type of material and workmanship that is possible to procure. The entire frame and beams are constructed entirely of high carbon steel, hence are very strong and durable.

The new style foot landing device is the most satisfactory ever used and by its use and the horselift operated by foot power the plow can be operated very easily.

Extra wide and long steel frame. Track wider than the ordinary plow, making it run steadier and less liable to overturn.

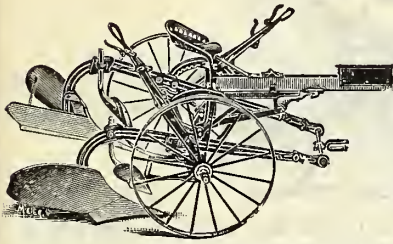
	<i>Sizes</i>	<i>Cuts</i>
1342S-1442S	Medium size	
		{ 3 to 8 in. deep
		{ 12 to 16 in. wide
1341S-1441S	Large size	
		{ 4 to 9 in. deep
		{ 14 to 18 in. wide

Fitted with either Jointers, Hanging Cutters or Fin Cutters. Two or Three-Horse Eveners.

List Prices Subject to Discount

THE SYRACUSE REVERSIBLE SULKY PLOW

For Hillside or Level Land



For a great many years the Syracuse plows have been among the most popular in New England and their work easily gains them that distinction.

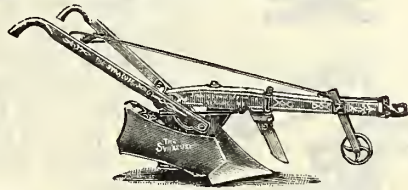
These plows are equipped with Hardened Steel Mouldboard. Steel Landslide and Chilled Frog and Share. Furnished with either two or three-horse equipment.

Prices and Special Circulars Mailed on Application

Syracuse Walking Plows

Syracuse Diamond Swivel Plow

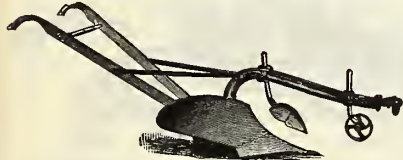
This type of Side Hill Plow has always been very popular in New England, being light, but still having great strength and good turning qualities.



Easy shifting clevis and also automatic shifting Coulters except on small size.

Furnished in three sizes: Small-horse, Two-horse and Large Two-horse.

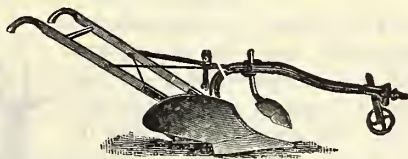
Syracuse Combination Walking Plows



This particular pattern is one of the best suited for conditions in this territory. Fitted with Hardened

Steel Mouldboard, Steel, Landslide and Chilled Share. No. 32 Medium Two-horse, No. 31 Large Two-horse.

This type has also been very popular in Maine. It has the well-known Syracuse straight style of



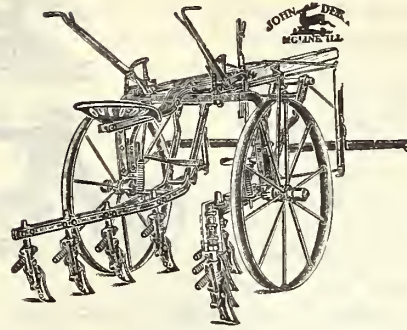
Beam, which gives ample clearance room. No. 443. Small Two-horse. No. 442. Large Two-horse.

Syracuse Contractors Plow



Hard iron wearing parts. Extra heavy Beam, Share and Strip Steel Wheel Frame. Loop Handle wear Irons. An excellent Plow for general grading purposes.

John Deere Pivot Axle Cultivator



A practical, general purpose Cultivator for Corn, Beans, Potatoes and general row crops.

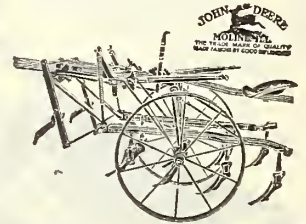
Fitted with either spring trip hoes or spring teeth. Frame has a clearance of 32 inches and an adjustment of 30 to 43 inches in width. Constructed of steel and malleable iron, making great strength and durability.

Special Disc Hilling attachment for potatoes. Send for special Circulars and prices.

Deere J. B. Cultivator

Parallel Guide

The value of any cultivator to the farmer is governed primarily by the good qualities that show in actual use.



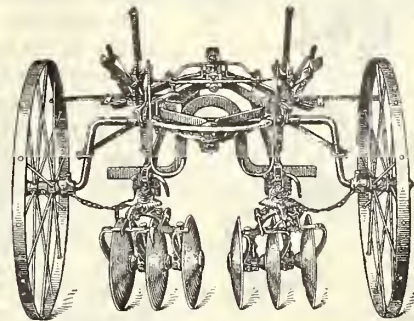
The Parallel Guide secures perfect control and thorough cultivation in narrow and crooked rows and on hillsides as well as in straight rows.

The automatic lift relieves the operator of the labor of raising the rigs and balancing the cultivator; enables him to give his entire attention to work requiring judgment and skill. Depth of cultivation is regulated accurately.

Shovels penetrate and scour because they are always in same position to the line of draft.

Hitch is of the pendant type and adjustable. Pull of the team is applied directly to the point of greatest resistance, making light draft.

Can be equipped with Disc Hilling Attachment for potatoes.



Deere Disc Cultivator

Excellent for corn and potato work. Light, strong and convenient. Constructed entirely of steel and malleable iron. Very high arch. Spring pressure on gangs. Easy adjustment.

Send for special circular.

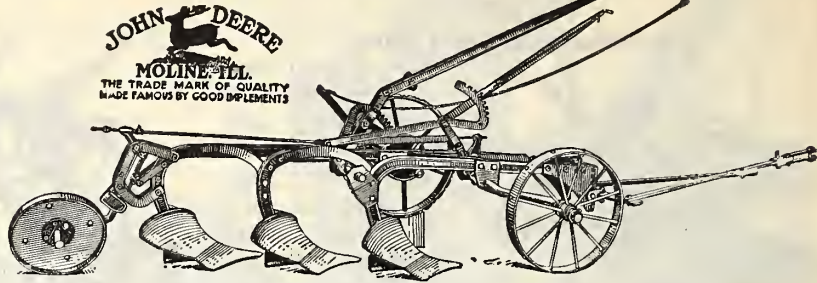
Note these John Deere Tractor Plow features:

They can be used with any standard tractor—hitch and depth control levers are adjustable to suit the tractor.

The bottom is the heart of the plow—all the rest of the plow is built merely to enable the bottom to do its work. The right kind of a plow bottom makes money for the owner. It lays the foundation for the right kind of seed bed. The crop yield is increased. The plow lasts longer and pulls lighter—a saving in actual cost, power and trouble. The bottom on every John Deere plow is correctly designed. John Deere plow success is due to bottom construction. An easy, high and level, power-lift—a pull on the trip rope raises the plow; another pull and the plows

JOHN DEERE TRACTOR PLOW

Equipped with Either Two or Three Bottoms



enter the ground. The tractor does all the lifting, and the rear end of the plow lifts high as well as the front. There is no gathering of trash when turning.

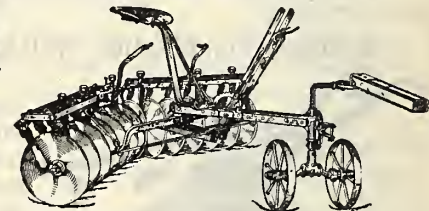
John Deere tractor plows can be backed—a stiff hitch is employed. There is perfect control when pulling, turning or backing.

DEERE MODEL B DISC HARROW A Really Flexible Disc Harrow

Only Harrow manufactured having third lever giving spring pressure on gangs. High steel frame, oscillating scrapers with lock off device. Gangs work independent of each other. Oil tubes extending to top of frame. Furnished with 16, 18, or 20 inch discs, either plain or cutaway.

The User of a Deere Disc Harrow is always a Satisfied Customer.

The Deere Model K Harrow



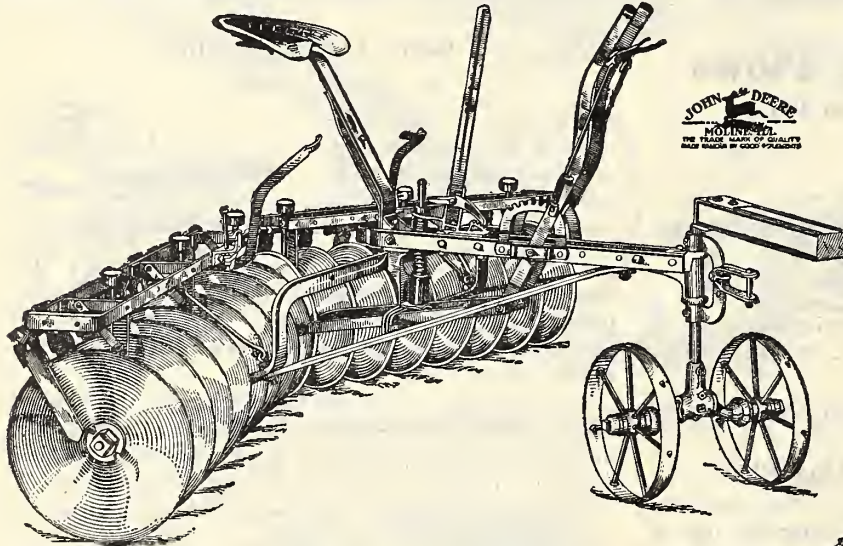
Model K with Tongue Truck

Deere Model R Orchard Harrow

This harrow is constructed to especially meet the requirements of orchard cultivation and it can also be used as an ordinary harrow. The gangs are reversible for in or out throw and are adjustable in or out on the harrow frame and extension frame.

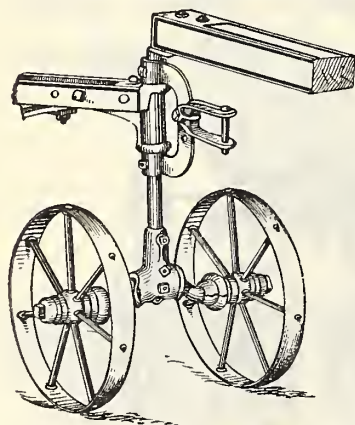
By use of an extension frame the gangs can be spread to a distance of over ten feet between them. This allows cultivation under overhanging branches. Can be furnished in either 4, 5 or 6 ft. widths. Unexcelled for orchard work.

Send for full descriptive catalog and prices.



Deere No. 7 Combination Tongue Truck

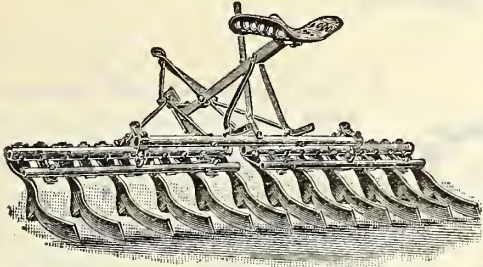
The New Deere Combination Truck and Fore Carriage illustrated herewith will fully meet the requirements of all disc harrow users. It is simple, strong and compact in construction. The hitch is made to the vertical standard and the truck therefore turns and is controlled in its movements by the direction of pull on the eveners. The axle



is pivoted in the center allowing either wheel to pass an obstruction without any strain whatever. The wheels are solid steel with wide oval tires and with closed bearing boxes. By simply changing tongue iron can be changed from two to three horse hitch.

Can also furnish No. 5 Truck for wood stub tongue.

Acme Two Horse Riding Harrow



One working of the DEERE DOUBLE ACTION HARROW accomplishes more thorough pulverization of the soil than two separate operations because with this harrow the second working takes place immediately after the first and the partially broken-up soil does not have time to dry out and is, therefore, more finely pulverized by the action of the second section of the harrow. We recommend using plain discs on the front section and cutaway discs on the rear section and by their throwing in opposite directions the greatest efficiency in a harrow will be obtained. The front section can be used alone any time desired.

Special Circulars and prices on application.

Frame bars of angle steel are thoroughly protected by steel shoes, doubling the life of the harrow. Frame bars are raised at the rear ends to give free outlet to trash.

Tooth bars of channel steel journaled in malleable brackets above the frame, which give the teeth high and great range of adjustment for depth of cultivation and clearance.

15 Tooth	\$24.00
17 Tooth	26.00
10 Tooth, one horse, top handles.....	17.00
10 Tooth, one horse, less handles	15.50

Original Perry Harrow



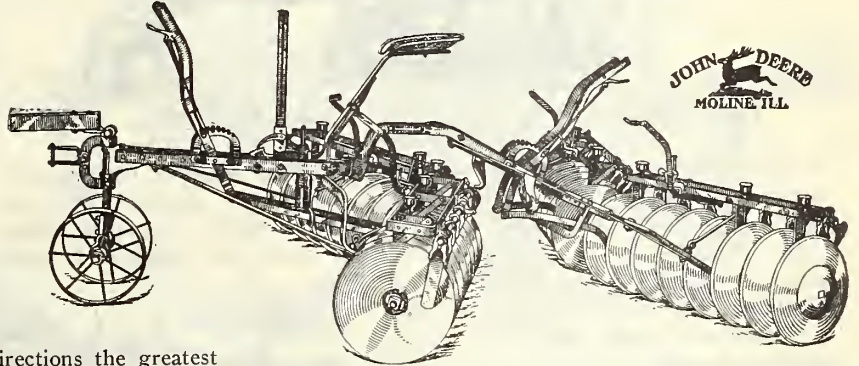
The Wood Frame Perry Harrow is the most durable of the Spring Tooth Harrows. Is simplicity itself. Iron plated on the under side and in front, the entire length.

The Acme Standard Two-Horse Riding Harrow has two coulter sections and is flexible. The harrow may be made rigid when desired by braces provided for this purpose. Each section has six coulters, making twelve in all. Width of cut is 6 feet 6 in. Weight, 125 pounds.

Acme harrows are made in various styles and sizes to do the best work in different farming sections of the country.

Send for Full Descriptive Catalog and Prices.

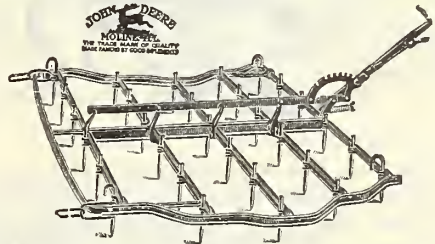
DEERE DOUBLE ACTION DISC HARROW



Teeth cannot get loose. No levers or joints to wear out and get out of repair. Harrows of this kind have been in constant use for fifteen years.

	Weight Pounds	Price
16-Tooth	180	\$15.00
<i>Combination Harrow</i>		
16-tooth		\$16.00
18-Tooth		18.00

Deere Universal Spike Tooth Harrow



Made of steel throughout which gives strength without useless weight. The lever allows the teeth to be angled in any desired position and is also provided with a spring trip allowing the teeth to give in stony or rooty ground.

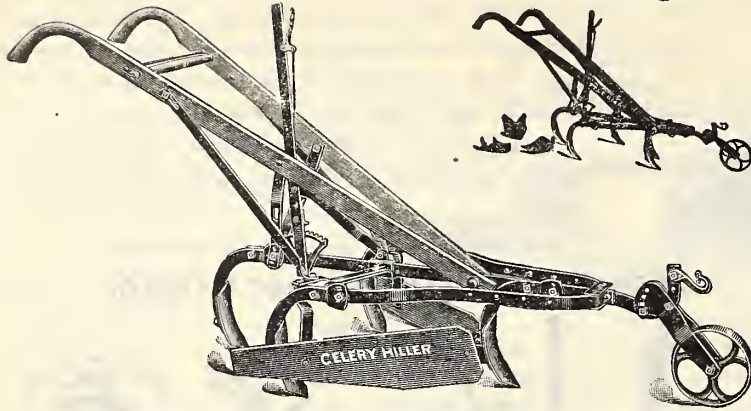
One Section, 30 Teeth, One Horse.....	\$12.00
Two Sections, 60 Teeth, Two Horse.....	24.00

Roofing

We carry weather-proof roofing made of *Heavy Wove Felt*, thoroughly saturated with a *natural asphalt saturation*, which not only gives it a heavy body, but makes it perfectly water-proof, acid-proof and is unaffected by contraction or expansion. We have this in one, two and three ply in a number of grades.

Samples and prices on application.

Little Giant Walking Cultivators

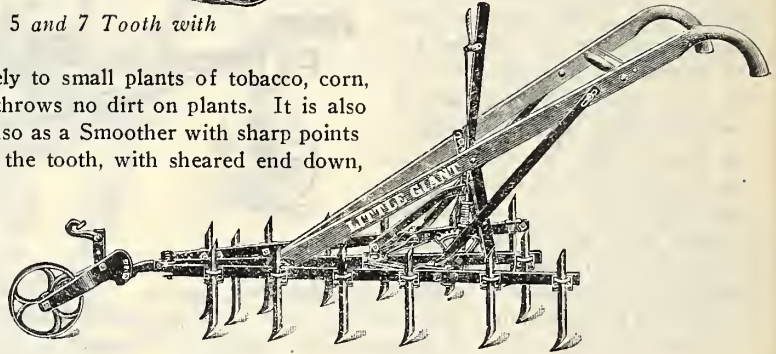


Little Giant Steel Walking Cultivator, 5 and 7 Tooth with Wood Handles

This tool is used for working very closely to small plants of tobacco, corn, potatoes, etc. It thoroughly pulverizes, but throws no dirt on plants. It is also used as a Straight Diamond Tooth Harrow, also as a Smoother with sharp points down in order to cut and level the surface, the tooth, with sheared end down, being less liable to injure young plants when smoothing over corn, potatoes, etc. For very close work every other tooth can be quickly removed.

14 Tooth Little Giant with lever and gauge wheel \$7.50

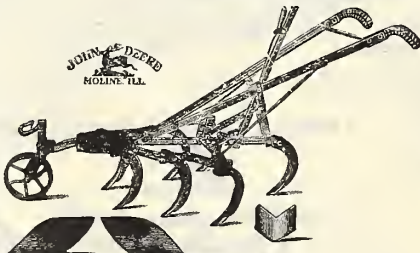
5 Tooth Little Giant with lever and gauge wheel \$7.50
 7 Tooth Little Giant with lever and gauge wheel 8.50
 Horse hoe attachment for 5 or 7 tooth 1.50
 Celery hiller attachment for 5 or 7 tooth 2.00



John Deere Steel Walking Cultivators

Same high-grade construction as the 5 tooth and having two more teeth.

No. 314 7 tooth with lever and gauge wheel 10.75

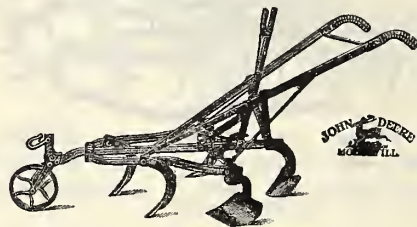


7 Tooth Steel Cultivator

No. 214 7 tooth with lever and guage wheel.....12.25
 Horse Hoe Attachment 2.25
 Long Hiller Attachment 4.50

turns in hard maple boxes carried in steel hangers. The drums are made of high carbon sheet steel. The ends are closed with solid sheet steel heads, held in place with bolts. It is made in eight feet; three sections, and drums twenty-four or twenty-six inches in diameter.

Because of the steel and malleable construction these Cultivators are very durable and free from breakage. Furnished with Horse Hoes or Long Hillers.



5 Tooth Steel Cultivator

No. 306 5 tooth with lever and gauge wheel.....\$9.25
 No. 206 5 tooth with lever and gauge wheel.....10.50
 Horse Hoe Attachment 2.25
 Long Hillers Attachment 4.50

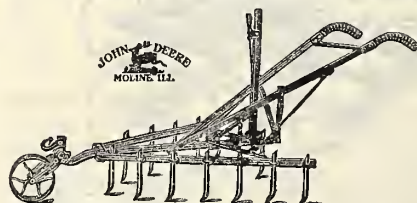
Johnston Steel Land Roller

Seed will not grow in soil that is cloddy, dry and hard—you know that. And there is no sure way of telling whether your soil will be left in that condition this year because of a continued spell of dry weather. Roll down those clods and you will have a seed-bed that will grow your costly seed.



The Johnston Steel Land Roller is recommended by farmers who have discovered the need of a roller. They prefer a steel roller to a wooden one because it is more durable and easy running. The Johnston Roller frame is of angle steel. The axle is of 1 7/8 inch steel shafting and

Deere Steel 14 Tooth Cultivator



Especially adapted for use in corn and small plants. Stirs the dirt thoroughly but does not throw dirt on plant. Fitted with steel reversible teeth.
 No. 320 14 Tooth lever and gauge wheel..... \$8.50

Corn Planters

The John Deere No. 999 is the most accurate, and therefore the most desirable corn planter ever designed. Its extreme accuracy is obtained by means of its new and improved drop. That is, the seed cell and cut-off plates are so shaped that the kernels naturally lie on the hopper bottom in the best position to move toward, enter and rapidly fill the cells. The weight of the corn in the hoppers assists rather than hinders the filling of the cells. This construction secures the most accurate drop ever put on any corn planter, regardless of whether it is a flat drop or an edge drop planter.

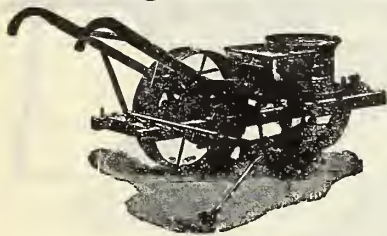
Fertilizer Attachment

This attachment is easily put on without changing any of the regular parts of the planter. Easily removable hoppers have increased capacity and are so constructed that fertilizer is kept agitated and cannot bridge.

More and Better Corn

We have just issued an attractive, interesting and instructive booklet which more fully describes these planters. This booklet is furnished free upon request.

King of the Corn Field Planter



This Corn Planter has been for years one of the leading machines for planting corn, beans, peas, beets and other seeds used throughout this

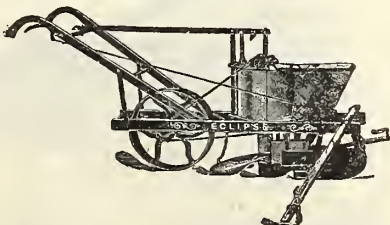
territory. It is equipped with fertilizer distributor, and is perfectly adapted to all requirements of this section. It can be arranged to drop any desired quantity of seed or fertilizer; can also be used for planting corn and beans at the same time, dropping each kind of seed in rotation.

Price, \$30.00

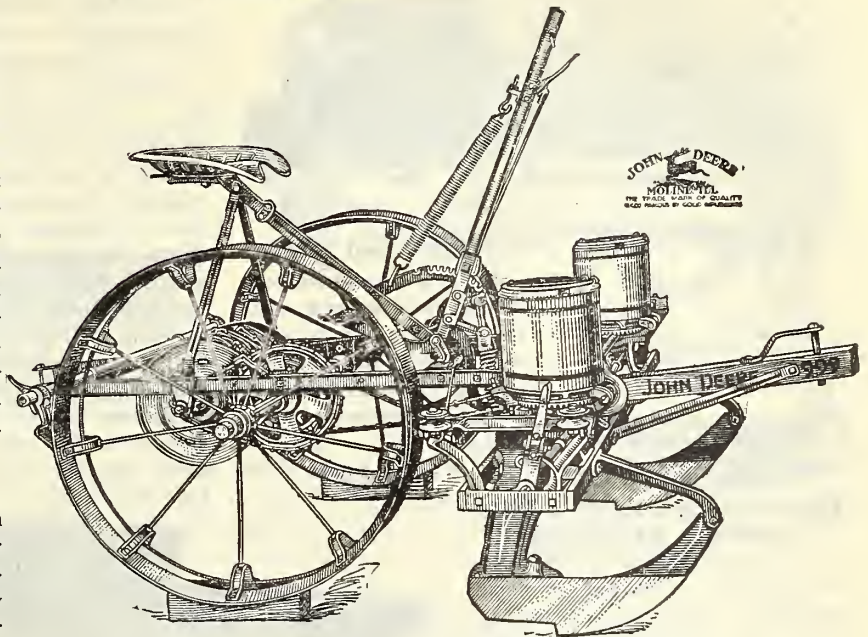
Eclipse Corn and Bean Planter

The Original Eclipse

This planter has been sold for over twenty years, thousands of them are in use, and there is great demand for this machine. The fact that the Eclipse is still on the market without being changed is enough of its efficiency and durability.



is guarantee Price, \$30.00



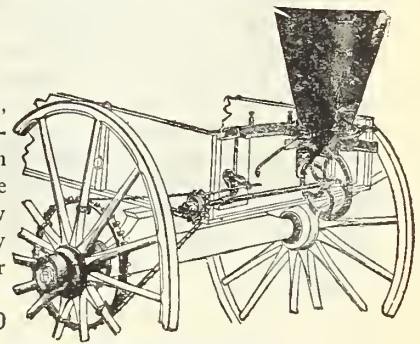
John Deere No. 999 Two-Row Corn Planter

We furnish this with fertilizer attachment but illustration does not show it

Stowbridge Broadcast Seed Sower

It is a simple, effective seeding apparatus complete in itself which may be attached in a few moments' time to any farm wagon or other vehicle.

Price, \$8.00



Improved Stone Boat Front



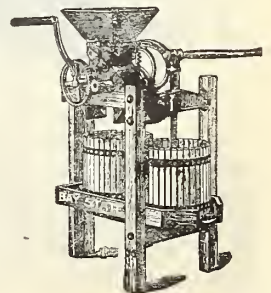
This device enables the farmer to make a good stone boat in one

hour's time with ordinary straight plank that he may have on the farm. All tools necessary are saw and bit.

Bay State Cider and Wine Mill With Aluminum Grinder

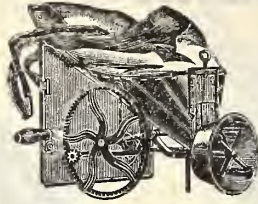
The Bay State Mill as illustrated is made on the grating principle, having two sets of rolls made adjustable for both large and small apples. Frame joint bolted throughout. Medium and large sizes furnished with Hinged Curbs; small with Plain.

Special circular on application.



Cahoon Seed Sower

Will sow all kinds of grass and grain seeds from four to eight acres per hour at a common walking gait. Heavy seeds, such as wheat, it will throw 40 feet (20 feet each side of the operator); lighter seeds, of course will not be thrown so far.



Price, \$3.50. Postpaid, \$3.65



Cyclone Seed Sower

This sower is guaranteed to distribute all grass seeds and grains perfectly even and directly to the land. Sows grass seed from 18 to 20 feet and grains a longer distance.

Price \$1.75. Postpaid, \$1.90

Hoover Potato Planter With Fertilizer Attachment

The Hoover Potato Planter is a new addition to the line of potato machinery manufactured by the makers of the well known Hoover Potato Digger. The Hoover Planter is just as well made and will be just as satisfactory to the user as the Hoover Digger has been. The main frame of the Hoover Planter is made of channel steel formed to the proper shape to bolt solid at both ends, with a steel yoke extending downward under the picker chamber.

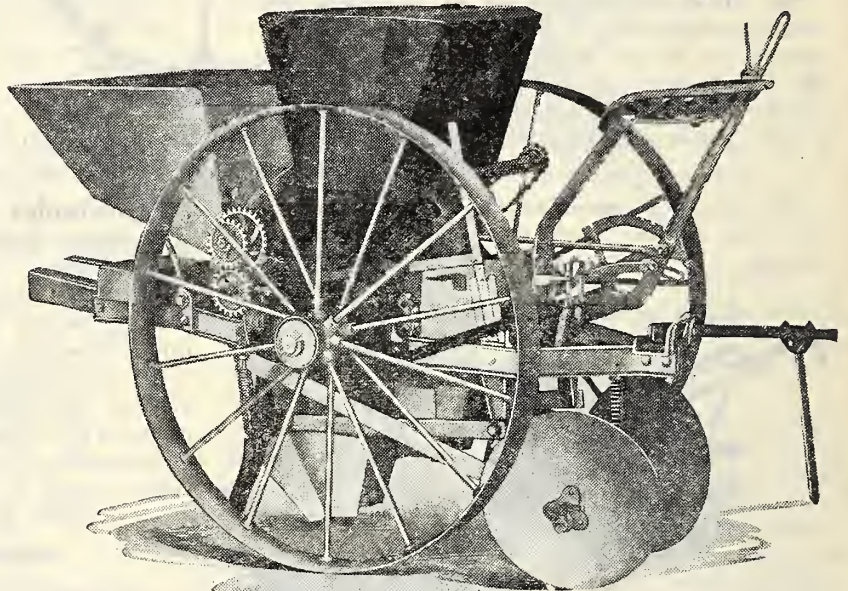
Steel roller bearings on main axle.

Steel wheels 40 inches diameter $3\frac{1}{2}$ inch tires.

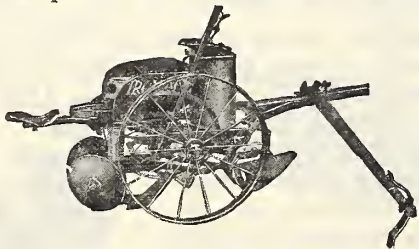
Potato Hopper holds $2\frac{1}{2}$ bushels.

All operations of the planter are under the eye of the operator from his seat at the rear.

Equipped with fertilizer attachment. Prices quoted on request.



Improved Robbin's Potato Planter



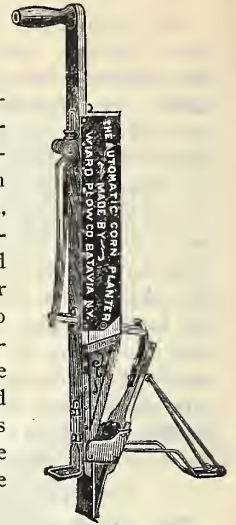
The 100% Potato Planter

This machine with proper attention will plant as perfect as it is possible for seed to be dropped. Has a very positive and successful fertilizer attachment that will handle all kinds of commercial fertilizers. The planter is light, strong, durable and very efficient in every way and is fully guaranteed. Send for Descriptive Booklet and Prices

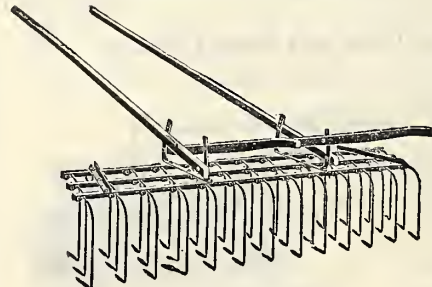
The Automatic Hand Corn Planter

In the Automatic Corn Planter are Combined all the latest and best improvements

yet made in implements of this character. In this planter the seed is delivered from the dropper to the receptacle at the bottom, which, when opened by pressing over on the foot, leaves it at once at the depth required, avoiding the trouble found with all hand planters that deliver the seed direct from the dropper to the soil. It also has a most convenient attachment for regulating the depth of planting; this can be raised or lowered in a moment, and insures delivery of the seed at precisely the depth required, whether the soil be hard or mellow.



Standard Weeders



The frame is made of strong angle steel bars giving strength and durability. Teeth are specially constructed and oil tempered and have correct shape to give proper elasticity. Price \$10.00

Our Implements are worth looking over. We extend a cordial invitation to call and examine them. Be sure and ask to see the New Columbia Garden Seeder.

VAN BRUNT FERTILIZER DISC DRILL

Light Weight Light Draft Force Feed
Spring Pressure Large Capacity
Durable

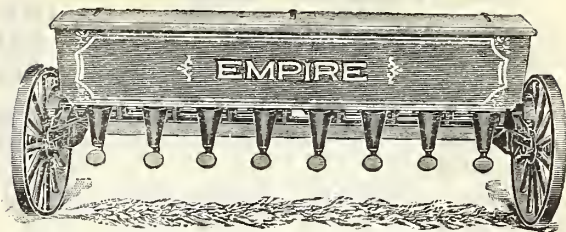
Even Seeding in Furrows of Uniform Depth. No Ground or Seed Wasted.

The drill that puts any seed, from alfalfa to bearded oats, at the bottom of furrows of even depth, without choking up and failing to sow part of the field or



planting too much in other parts. All grain is ready for harvest at one time. Any standard fertilizer is handled by the Van Brunt just as accurately as seed. Send for Booklet.

Empire Broadcast Fertilizer Sower



The Empire 8-foot Broadcaster Fertilizer Sower is especially designed for sowing a large quantity of lime or fertilizer per acre.

It has a positive force feed, which insures accuracy in the quantity sown.

The scattering tubes are constructed so as to deliver the fertilizer or lime in an even sheet over the ground.

The capacity of the Empire, as regularly equipped, is from 150 to 1,400 quarts of fertilizer; from 375 to 1,500 quarts of lime per acre. We can furnish gears that will sow a greater or lesser quantity if desired.

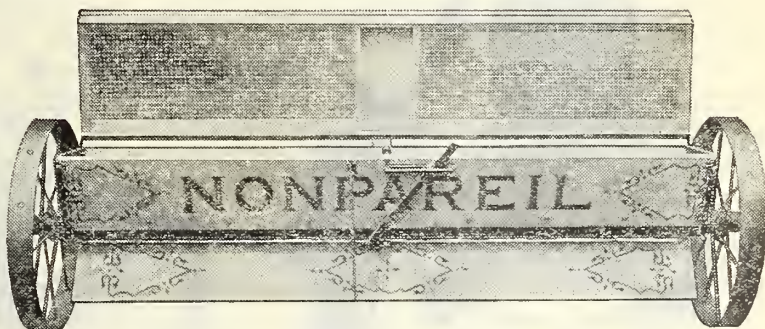
STANDARD NONPAREIL LIME AND FERTILIZER SOWER

The Standard Nonpareil is simple in construction and operation.

It will sow a large variety of material, distributing air-slacked, hydrated or ground lime, ashes, plaster, fertilizers, bone, potash mixtures, cottonseed, nitrate of soda and acid phosphate.

Each machine equipped with screen which automatically screens the material while filling the box.

It can be quickly and easily adjusted to distribute evenly and accurately any quantity from 100 pounds to 3,000 pounds per acre.

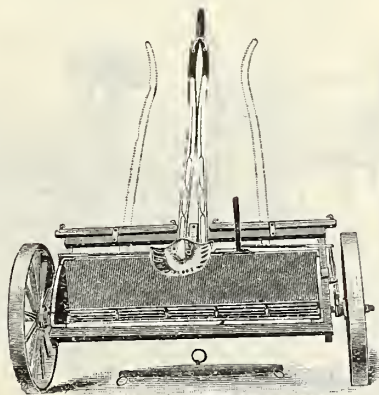


Standard Nonpareil Lime and Fertilizer Sower

Positive force feed—Sows 8 feet wide—hopper holds about 9 bushels and is 28 inches high.

Stevens Fertilizer Sower

This sower combines strength, simplicity and durability. Will sow all kinds of fertilizers either broadcast or in rows. Equipped with Land Gauge giving approximate amount sowed per acre.

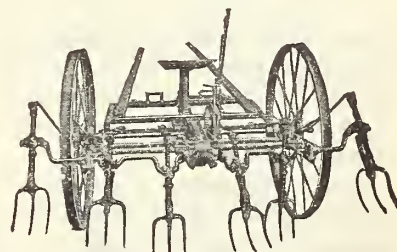


	Size	Capacity	Weight
One horse,	5 ft. 10 in.	9 bu.	400 lbs.
Two horse,	8 ft. 3 in.	9 bu.	510 lbs.

Circulars and Prices on Application.

Johnston Steel Tedder

Johnston all-steel Tedders are strong and durable, and work most satisfactorily. The frame is steel, the wheels are steel and double hubbed. Three



sets of roller bearings on the main shaft insure its light running. Three tined crucible forks are used; the spring on the fork is located behind it, and does not come in contact with the hay and get tangled in the rod and spring. Another feature is the spring balance tilt. The Johnston is equipped with combination pole or shafts. Made in two sizes, 6 and 8 fork.

Features That Characterize the Dain Vertical Lift Mower

Compensating Gears—That remove strain from the bearings and transmit instead of consume power.

Long Pitman Shaft—That has all end thrust removed, hence has no need of thrust bearings.

Alignment of Cutter Bar—Seldom necessary, but easily, quickly and positively made.

Centering the Knives—So that they always register perfectly in the guards, insuring perfect work.

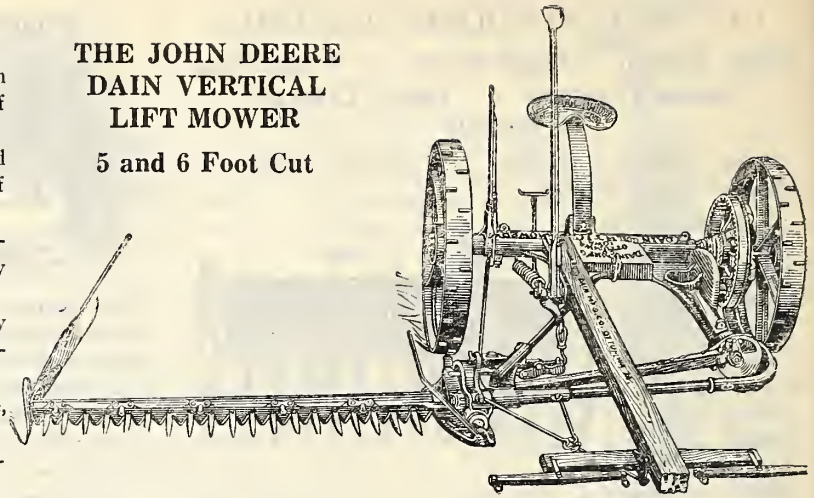
Vertical Lift—A lift so easy to operate, an ordinary boy handles it readily.

An Easy Foot Lift—So easy it's surprising, especially after using other kinds.

Adjustable Draft Hitch—Instantly set to remove side draft in the most severe conditions of work.

Material and Workmanship—Of the known Dain standard proven by service reliable and trustworthy.

THE JOHN DEERE DAIN VERTICAL LIFT MOWER 5 and 6 Foot Cut



Send for Special Descriptive Booklet

The Johnston Lever Fold Mower

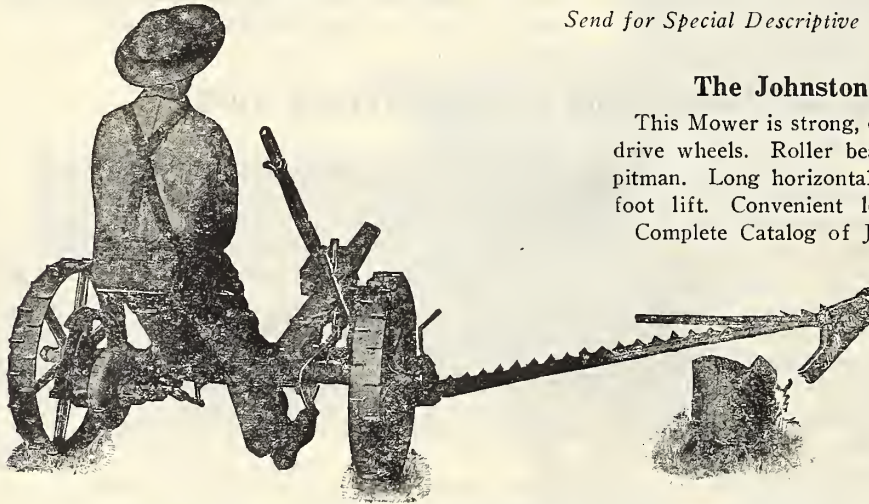
This Mower is strong, durable and very light draft, 34 in. drive wheels. Roller bearings. Wide truck. Long drive pitman. Long horizontal crank shaft. Excellent working foot lift. Convenient levers.

Complete Catalog of Johnston Machines on request.

No. 11—4-foot One-Horse Mower.

No. 12—5-foot Two-Horse Mower.

No. 14—6 and 7 foot Two-Horse Mower.



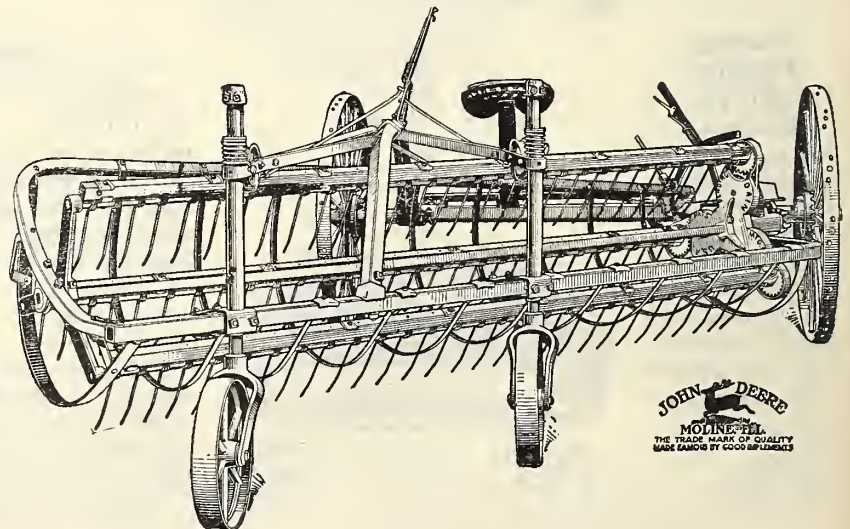
Showing Ease of Handling Johnston Lever Fold Mower in Passing Over Obstruction

Dain Side Delivery Rake

The Dain Side Delivery Rake has a frame of strong steel construction giving great durability. Has strong steel raker teeth sufficient to rake and deliver the heaviest crop of hay, also having perfect flexibility when striking an obstruction.

No farmer cutting a quantity of hay can afford to be without one, especially if using a hay loader.

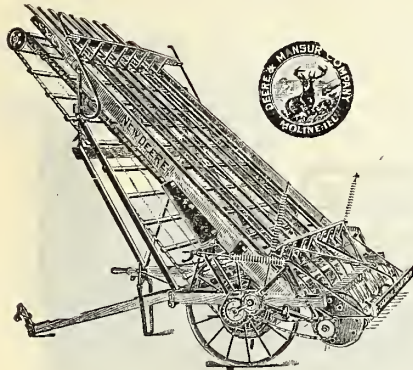
Leaves the hay in a long, continuous windrow in the very best condition for curing. Will shake water from grass in as satisfactory way as a tedder. *Let us send you booklet giving full description and prices.*



JOHN DEERE
MOLINE, ILL.
THE TRADE MARK OF QUALITY
MADE SINCE 1838 BY GOOD MEN

New Deere Hay Loader For Swath or Windrow

An Economy



A Desirable Loader

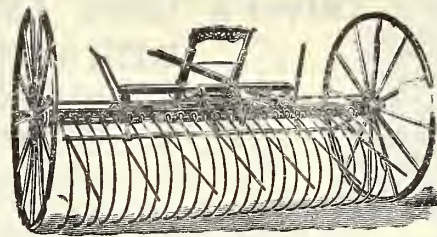
The most desirable hay loader is the one that combines to the greatest degree durability, capacity, and efficiency. This describes the NEW DEERE LOADER in a nut shell. It is very durably constructed, yet light in weight, will pick up any quality and condition of hay either from the swath or windrow and do it as clean as any rake.

Send for Full Descriptive Catalog.

Where hay is grown in any quantity the saving in time, labor, and quality of product effected by a hay loader will often wipe out the purchase price the first year used and thereafter become a source of clear profit.

New York Champion Wood Rake

For years the New York Champion Rake has been the best known and most successful wood rake in this locality.



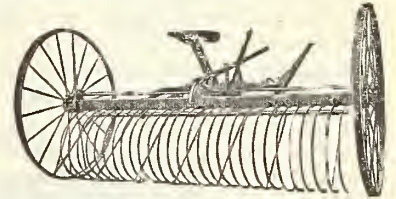
We would certainly recommend the above to our customers who do not desire a steel rake.

It is carefully and substantially built, and nothing but the best of material is used in its construction.

Send for Circular

Johnston Steel Rake

All steel, but the combination pole and shafts. Double hub steel wheels, angle steel frame with truss. Long flat pointed teeth. Light draft and clean working.

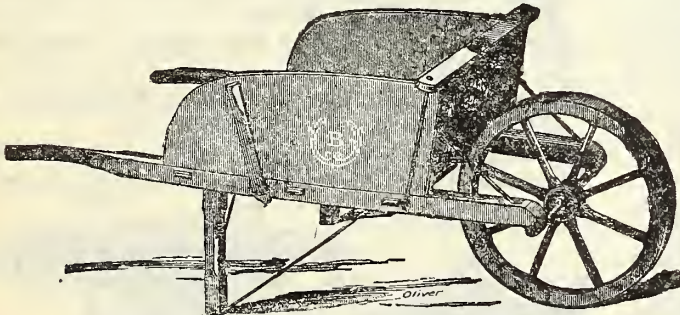


Strong and durable.

Furnished in 8, 9, 10½ and 12 ft. sizes.

Prices and Circulars on Request.

WHEELBARROWS



HISCO GARDEN BARROW

No. 4 Hisco..... \$5.50 No. 5 5.75

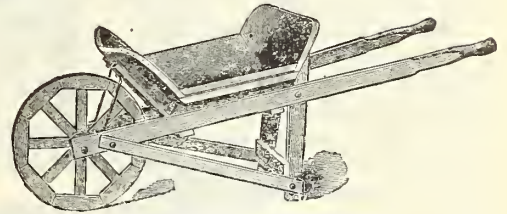
The Hisco is a good looking, well finished barrow and is made in a strong, serviceable way. Has steel wheel with 1¾ in. tire. Painted green.

Pig Metal or Casting Barrow

A very strong, well-made barrow. Bottom and front of 1½ inch hardwood, dressed and well strapped with No. 10 steel. Painted brown. Weight, 69 pounds each. With Iron hub-wheel.

Price, \$3.50

All Prices Subject to Market Changes

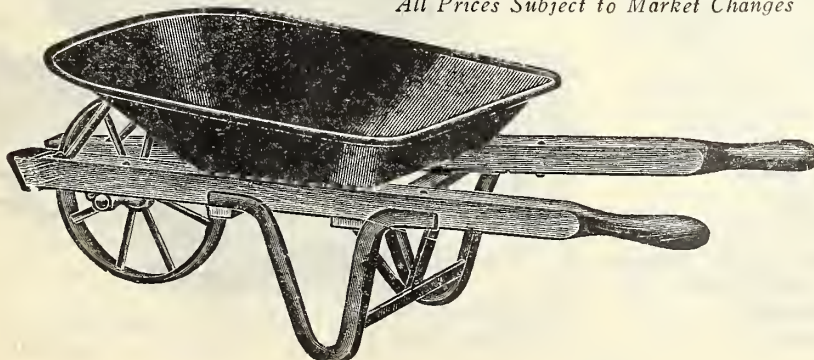


Canal Dump Barrow

A very strong canal barrow which is popular with contractors. Furnished with either wood or steel wheels.

With steel wheel \$3.60

Special prices in dozen lots.



Steel Tray Dump Barrow

A strong, durable barrow for either dirt or cement work. Also very handy in farm work. Special prices for quantity orders. *Price, \$9.00*

Full line of Paris Manufacturing Co. Barrows in all sizes.

Silver's "Ohio" Light Draft Silo Fillers

WITH SUCTION BLOWER

Fill Highest Silos With Ease

NO. 40 4 to 6 H. P.
Gasoline, 3 to
5 Tons an Hour.

NO. 60 6 to 8 H. P.
Gasoline 5 to
7 Tons an Hour.

NO. 90 8 to 10 H. P.
Gasoline 7 to
10 Tons an Hour.

Direct Drive. Drive pulley, cutting cylinder and fan wheel all on main shaft utilizes every ounce of power.

Patented Friction Reverse. By the use of a single lever all moving parts except knife cylinder, can be instantly stopped, started or reversed without the slightest strain.

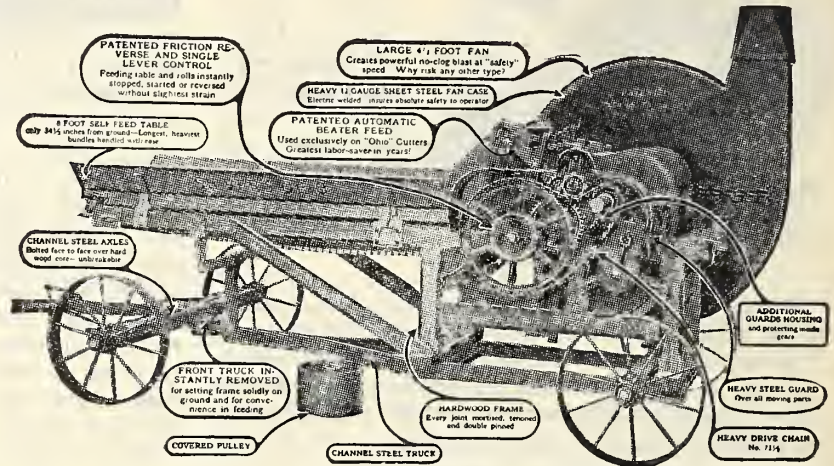
Not a gear tooth changes mesh in reversing—a remarkable feature.
Accessibility. Knives and cutter bar can be readily removed for sharpening or replacement without disturbing other parts. Experienced user will appreciate this advantage. The single lever control can be reached from almost any position around the machine.

Patented Knife Adjustment. This feature insures perfect cutting, which is just as essential to good silage as keeping the silo air tight. Uneven, imperfect cutting prevents close packing, causing air pockets and spoiled silage.

No. 40—Ohio Blower with traveling feed table; with 9-inch throat, two knives and curved elbow for top of pipe, not mounted. Weight, 790 lbs.

No. 60—Ohio Blower with traveling feed table; with 11-inch throat, two knives and curved elbow for top of pipe, not mounted. Weight, 835 lbs.

No. 90—Ohio Blower with traveling feed table; with 13-



Showing Machine Mounted
Special Features of No. 40, No. 60 and No. 90
inch throat, two knives and curved elbow for top of pipe, not mounted. Weight, 900 lbs.

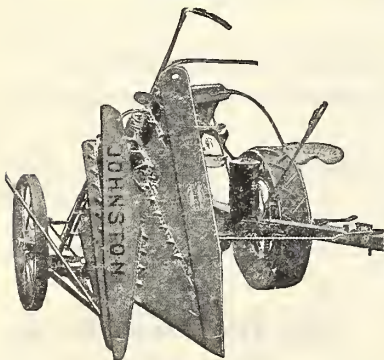
No. 805—Truck for mounting above machine; weight, 360 lbs.

6-Inch Galvanized Blower Pipe for No. 40 Machine in 4 and 6-foot lengths, weight 2 1/4 lbs. per foot.

7-Inch Galvanized Blower Pipe for Nos. 60 and 90 Machines in 4 and 6-foot lengths, weight 2 3/4 lbs. per foot.

Write for prices.

Johnston Continental Corn Binder Built for Business



Light, compact construction. Steel frame, wheels and beams. Light draft with no side draft. Large main drive wheel, gaining power. Roller bearings. Only machine with automatic gates. Two horses will handle the machine.

Send for Special Booklet

Johnston Continental Grain

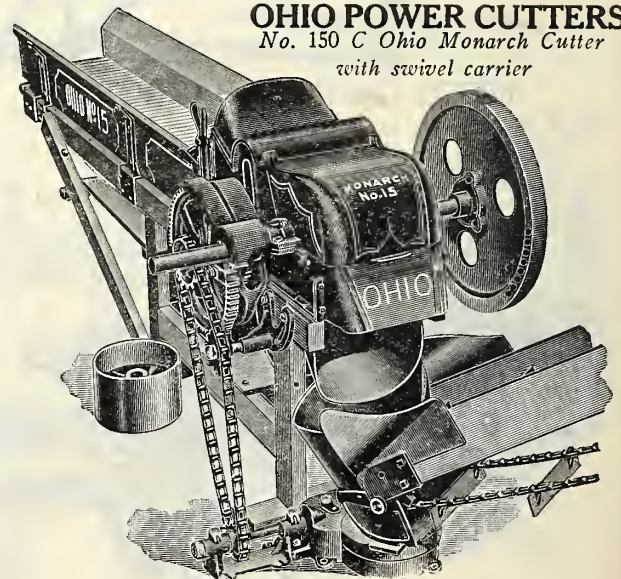
Strong, Durable, Efficient

Steel construction. Main drive wheel 36 in. giving great power. Roller bearings in both wheels greatly reducing draft. A trip that will never repeat and a knottor that always ties. Sold under a positive guarantee.

Special Booklet on Request

OHIO POWER CUTTERS

No. 150 C Ohio Monarch Cutter
with swivel carrier

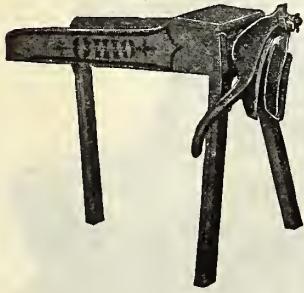


No. 11S4 Plain Table, 11 inch knife, weight 445 lbs.

No. 11SS4 Self-Feed Table, 11 inch knife, weight 600 lbs.

No. 100C Self-Feed Table, 12 inch knife, weight 1260 lbs.
 No. 150C Self-Feed Table, 15 inch throat, weight 1280 lbs.
 Nos. 11S4 and 11SS4 furnished with straight or reversible open carrier.
 Nos. 100C and 150C furnished with swivel open carrier.

Ohio Lever Cutter



No. 778

The "Ohio" Lever Cutter will cut hay, straw, corn stalks and every kind of feed. It is equipped with one 11-inch oil-tempered knife; also provided with a guard plate, adjustable to vary the lengths of cut.

It is nicely finished, of pleasing design, strong and durable.

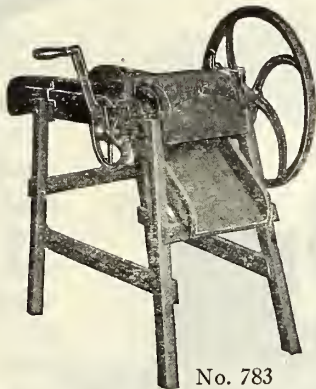
No. 778 "Ohio" Lever Cutter, weight 55 lbs. \$6.00

Pony Hand Feed Cutter

The Pony Cutter, as illustrated below, is strictly a hand machine.

A bushel of hay can be cut in thirty-five seconds. Cuts all kinds of feed. Only high-grade material is used, and makes it a strong and efficient cutter.

No. 783. One 1 1/4 inch knife cut 1/2 to 2 inches, weight 165 lbs. \$17.50

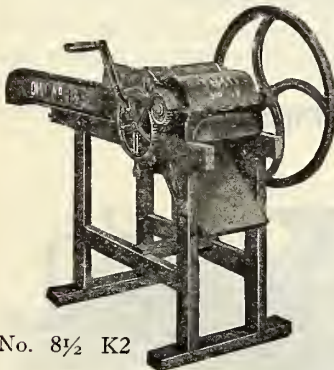


No. 783

"Ohio" Hand Cutter

The No. 8 1/2 "Ohio," as illustrated below, is built along the same general lines as the power cutters. It has great capacity, is strongly built, and is a high-class cutter in every way.

No. 8 1/2 K2 With two 8 1/2-inch knives. Cuts 1/2, 3/4, or 1 1/2 inch. Weight, 165 lbs. \$25.00



No. 8 1/2 K2

Full Descriptive Catalog on Ohio Cutters on Request

New England Root and Vegetable Cutter

Will cut all kinds of roots, either fine for sheep, or much coarser for cattle. Guaranteed to cut one bushel per minute.

Price, \$8.25



New England

Ohio "Rapid" Root Cutter and Pulper

The knives are double-edged and reversible, one being straight, for slicing, the other edge being grooved, thus dividing it into separate bits for pulping.

The knives are adjustable to the cutting plate, which is to gauge the thickness of the slices and to counteract wear in the knives.

Capacity—Capacity per hour, slicing or pulping, hand, 30 bushels; power, 125 bushels.

Pulley—Size of pulley for power, 10x4 inches. Weight, 215 pounds, with pulley. Size and Price

No. 832 Root Cutter and Pulper, 6 knives, for hand \$25.00
 No. 832 Root Cutter and Pulper, 6 knives, for hand or power 22.50



No. 832

Lever Feed Cutter



A reliable cutter at a low price. Wide mouth and strong bolted frame.

No. B Mouth 10 1/2 x 16 1/2 in. Weight, 61 lbs.

Price, \$5.00
 No. C Mouth 12 x 9 1/2 in. Weight 63 lbs. Price, \$5.50

Excel Lever Feed Cutter

Water Ballast Lawn Roller



Ball Bearing Light Running Round Edge Drums

No tearing up of sod.

Can be filled with either water or sand.

No. 603 24 inches in diameter, 24 inches long, one section, weight empty, 100 lbs.; filled with water, 440 lbs.; filled with sand, 630 lbs. Send for prices.

Dunham's Improved "Gold Medal" Lawn Roller

ROLLER BEARING LIGHT RUNNING



Prices: Dunham's Lawn Rollers

No.	Dia.	Length	Sec.	Weight
LR404	20 in.	20 in.	2	250 lbs.
LR407	20 in.	24 in.	2	300 lbs.
LR409	24 in.	24 in.	2	400 lbs.

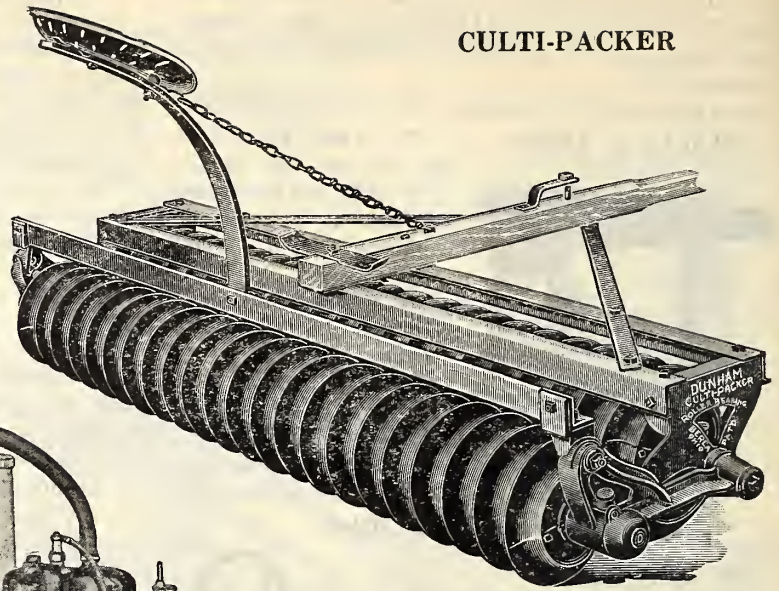
Send for Prices.

CULTI-PACKER

Combination double gang pulverizer, roller, packer and clod crusher. It will serve all these purposes, as well as level the soil, leaving the small ridges loose, fine and mellow.

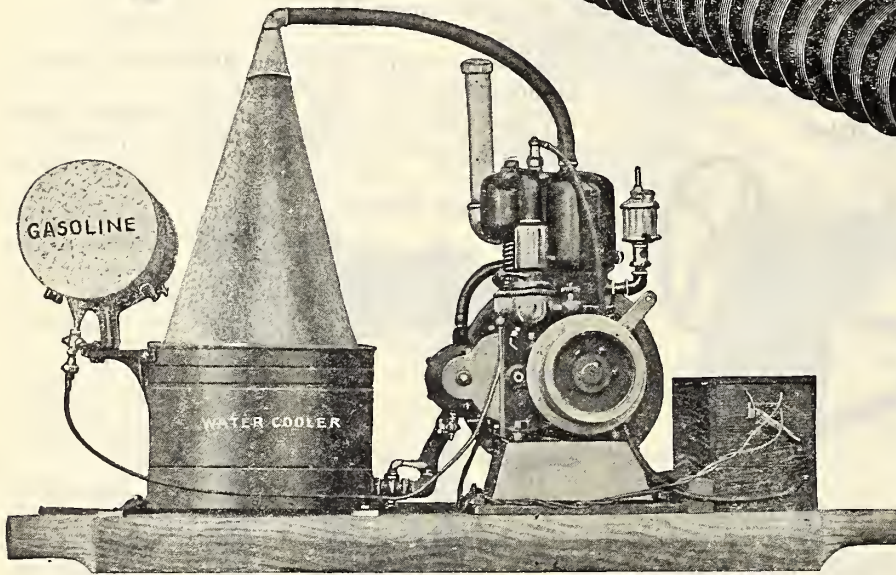
An increase of crops is guaranteed if used before and after seeding, and we claim this is the best implement made for preparing the seed-bed.

Send for descriptive matter and prices.



4-Horsepower Cushman Engine

Small and compact. On account of size is easily moved about buildings and grounds to handle other lines of work to which it is well adapted, such as running cream separator and churn, sawing cord wood and cutting ensilage.



4 H. P. Cushman Engine

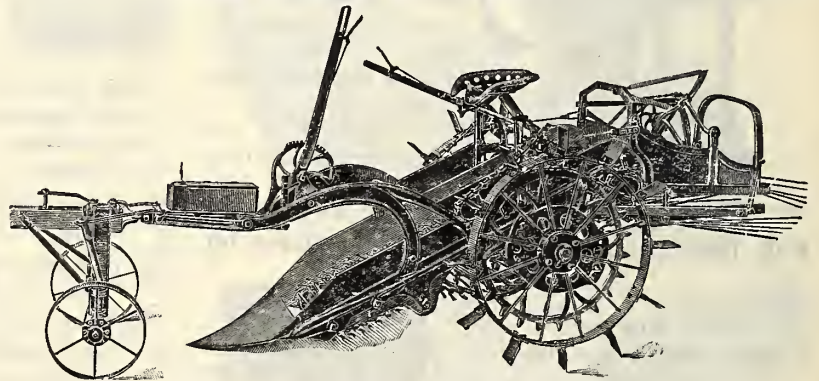
There is probably no implement so well known in potato-growing sections as the Hoover Elevator Potato Digger. In Aroostook County, Me., where more potatoes are grown than any other section in New England, and where a potato digger gets a severe trial, the Hoover has given perfect satisfaction. Its success can be attributed to the fact that it was built to withstand most trying conditions.

It hardly seems necessary to go into detail regarding its points of merit, for its success is guarantee enough for its superiority in design, construction and efficiency in the field.

We do wish to call particular attention to the vine separator used on the Hoover, which delivers the vine, weeds and trash to one side of the row, leaving the potatoes exposed to view and readily accessible.

Send for descriptive catalogue which contains convincing testimonials from most enthusiastic purchasers.

Hoover Improved Potato Digger

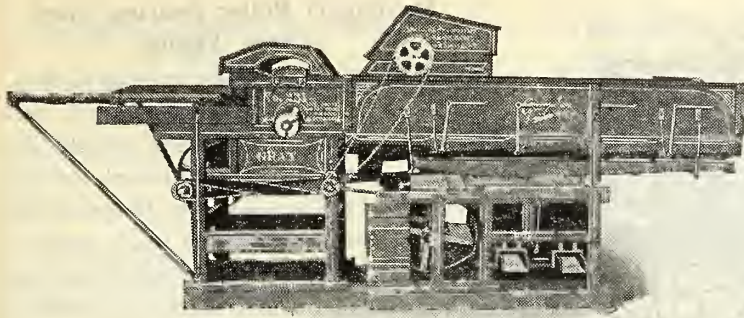


New Steel Slides and Roller Bearings throughout.

No. 300 Hoover Digger with Rod Elevator.

No. 301 Hoover Digger with Riddle Elevator.

No. 300 Hoover Digger with Rod Elevator, equipped with 4 Horse Power Cushman Engine, screen cooled for operating elevator and vine separator.



THRESHERS

Strong, Durable and Efficient

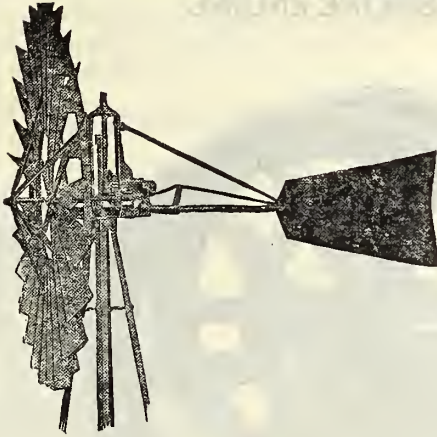
We believe the Gray Thresher with the recent improvements to be one of the most reliable and satisfactory Threshers manufactured.

Furnished in several sizes either mounted or unmounted.

CATALOG ON REQUEST.

The Windmill is recognized by everyone to be one of the most efficient and cheapest powers obtainable for pumping water and the large number of these we install every season proves they are very satisfactory to our customers.

The Freeman Steel Windmill

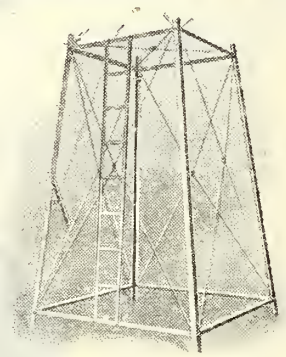


The *Freeman*, without a doubt is the strongest and most durable windmill made. Its simplicity of construction commends it to all buyers. Every detail part is made the best the manufacturers know how, making a faultless combination which cannot be equaled. A windmill that will do more work, stand harder service, require less repairs and will give you better satisfaction than any other mill on the market. If it doesn't we will right the wrong.

Freeman 4-Post Steel Towers

This cut illustrates the lower ten feet of our 30-foot, four-foot post angle steel tower. This illustration shows the thoroughness of the bracing employed in the construction of all our towers.

This strong tower is not to be compared with the cheaply built 3 post towers on the market, and we have no hesitancy in guaranteeing it under all conditions. One can hardly afford to take chances with an inferior tower and run the risk of a damaged mill and tower.



Estimates

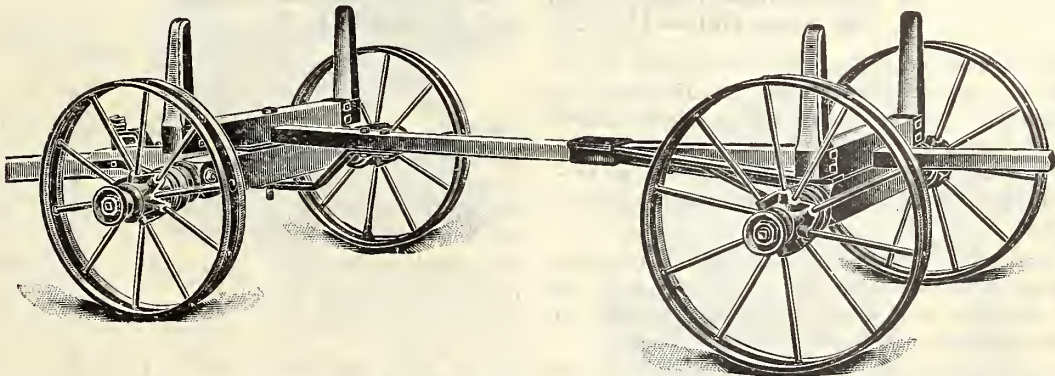
We will be pleased to estimate cost of water supply where windmills, towers, substructures, pumps and wood or pneumatic tanks are used.

Write for Special Catalogues and Prices

Binder Twine

We carry the Standard Binder Twine, which has given such excellent satisfaction to the grain raisers. The fibre is long and runs very even. Write for prices.

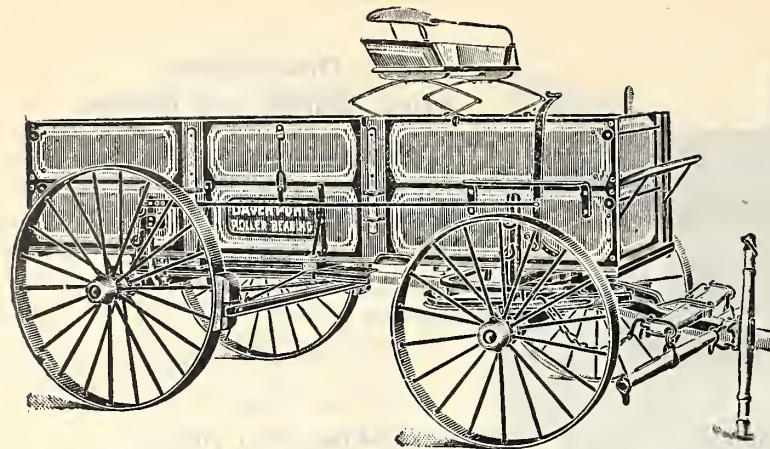
NO. 25 STEEL FARM TRUCK



The above cut represents one style in our low-down farm gear. These are especially desirable where one desires a medium priced truck which is both light and strong, and well fitted for common farm purposes. Unexcelled for use

in mounting spraying rigs, saw outfits, engines, etc. We can furnish these fitted with either wood or steel wheels, and they are commonly equipped with $3\frac{1}{2} \times 10$ inch skeins and 4 inch tires.

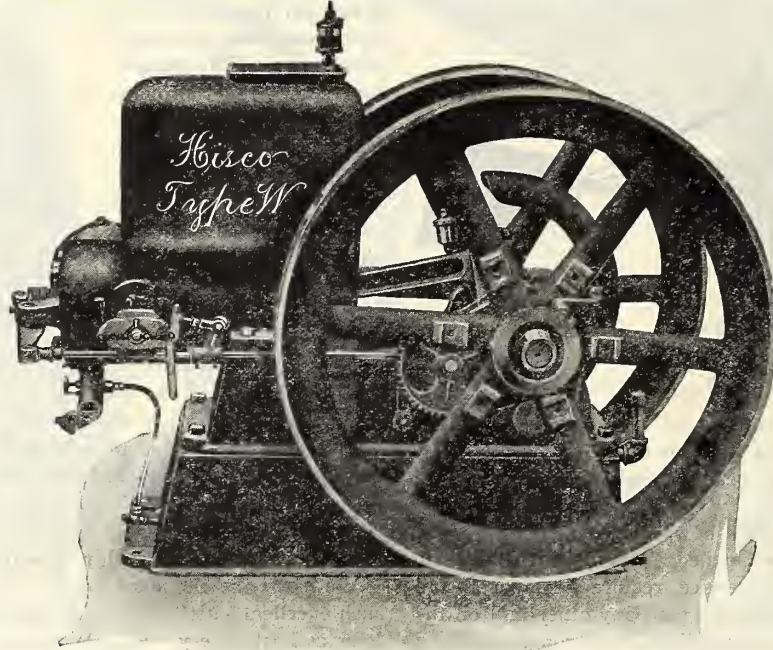
Full Descriptive Catalog and Prices Gladly Mailed on Request



Davenport Roller Bearing Steel Farm Wagon

Roller bearings reduce draft 30 to 50%. Gear built of I-beams and channel steel making strongest construction possible. No dish to wheels giving full strength and full width of tire on road. The Davenport being almost entirely a steel wagon means it is not affected by weather conditions, consequently no trouble from drying, rotting or setting of tires.

HISCO STYLE "W" GASOLINE ENGINE



A Standardized Line of High Grade Agricultural Engines Six Sizes Only—1½, 2¾, 5, 7, 10 and 15 h. p.

The Hisco Engine needs but little introduction to the trade. The line has been successfully manufactured for over twenty years. The experience and knowledge gained in design and construction by those who are responsible for the conduct of the business enables the Company to produce a high grade, superior quality engine, which sells at a medium price.

Hisco Engines are built in a modern, up-to-date factory by competent and experienced men. Much of the machinery used has been designed and specially built to enable more economic production.

Simplicity. The Hisco Engine is of the side-rod type; all working parts are directly controlled by the Governor; mechanism is such that satisfactory results can be obtained by an inexperienced user. The engine is simple in design, and by studying the Instruction Book which accompanies each engine, a novice can secure good service.

Specifications and Mechanical Information Hisco Style Rated "W" Engines

	1½	2¾	5	7	10	15
Horse Power	1½	2¾	5	7	10	15
Speed	550	475	425	350	300	250
Bore	3½	4	5¼	6	7	8½
Stroke	4	6	7	8½	11	14
Fly wheel diameter	19½	22	30	37	43	48½
Fly wheel face.....	1½	2¼	2¾	3	3½	3¾
Fly wheel weight	40	70	150	250	430	625
Diameter of crank	1¼	1½	2	2½	2½	3
Extension of crank for pulley	2	3½	4	6½	6½	7½
No. of piston rings	3	3	3	3	4	4
Size of pulley.....	6x4	8x4½	14x6	16x7	18x7	24x9
Shipping weight, stationary	275	500	900	1285	2500	3500
Shipping weight, portable	300	570	1100	1500	2900	4000

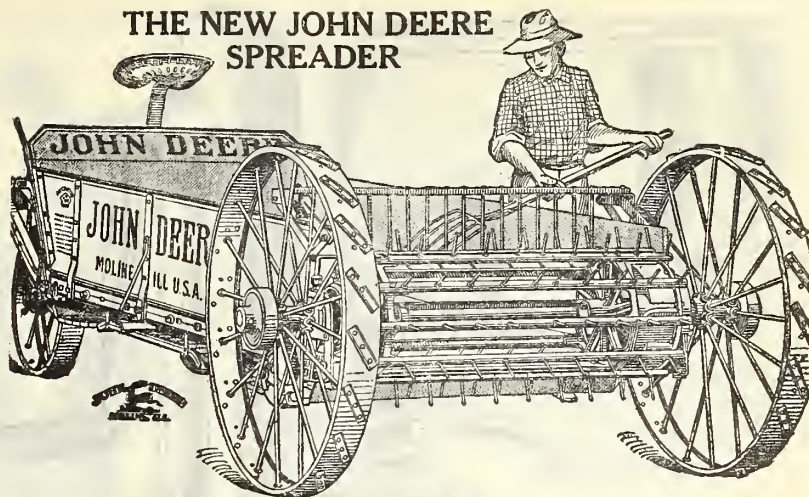
**The Spreader with the Beater
on the Axle
All Driving Parts on the
Rear Axle**

*No Clutches No Chains
No Adjustments
Easy to Load Light Draft
Roller Bearings*

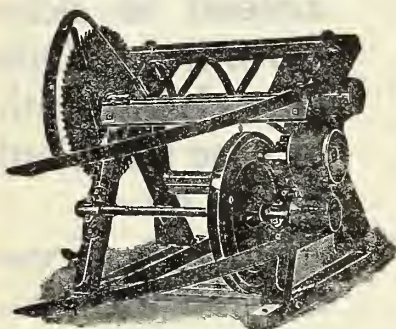
This Spreader represents the very latest improvements in manure spreader and simple to operate. Apron absolutely cannot race. Steel and malleable construction. Load divided on all four wheels reducing draft.

If interested in a Spreader do not fail to send for our free, colored booklet, fully describing the John Deere.

**THE NEW JOHN DEERE
SPREADER**



IMPROVED WOOD AND POLE SAW FRAMES



TILTING TABLE POLE SAW
Weight, 350 Pounds

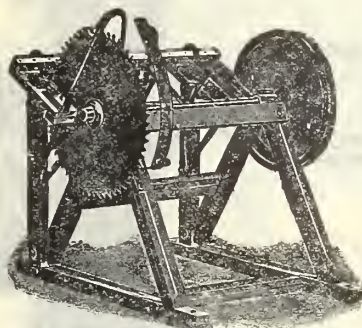
and are fitted with a 95-pound balance wheel. On pole saw frames the connection between the two arbors is made by running belt over idler pulley.

The tilting table is pivoted so that it balances perfectly and is easy to handle. The sliding table is fitted with grooved rollers, which run on a "V"-shaped track, and is very easy to operate. The arbors are true and heavy. They run in long, babbitted bearings,

Simonds' Celebrated Circular Saws

PRICE

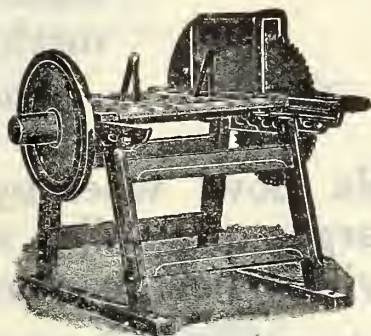
24-inch, set and sharpened.....	\$16.00
26-inch, set and sharpened.....	18.75
28-inch, set and sharpened.....	21.75
30-inch, set and sharpened.....	24.75



TILTING TABLE WOOD SAW
Weight, 275 Pounds

Illustrations show our various styles of Wood and Pole Saw Frames. These are substantial machines, well made and of good materials throughout. Wood saw frames have the balance wheel on the saw arbor, and are intended for sawing cord wood. Pole saw

frames have the balance wheel on a separate frame below the table, so that they can be used for sawing long poles as well as cord wood. We make both styles of these machines with either tilting or sliding table.

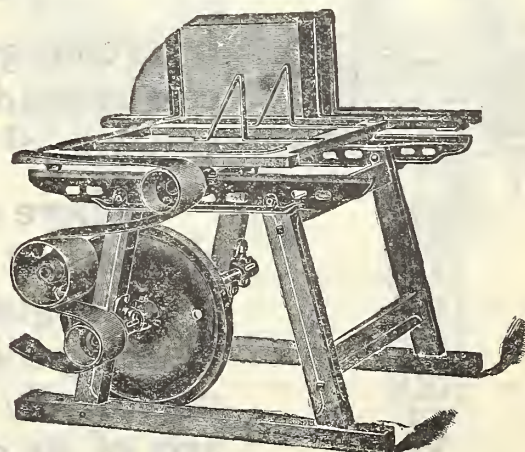


SLIDING TABLE WOOD SAW
Weight, 300 Pounds

NOTE. All our Wood and Pole Saw Frames are made right hand, unless otherwise ordered. Weights shown above are for machines without saw blades. Saw blades weigh about as follows:
20-inch, 8 pounds;
22-in., 10 pounds;
24-in., 14 pounds;
26-inch, 17 pounds; 28-inch, 20 pounds; 30-inch, 24 pounds.

Prices of Tables without Saws

Tilting Table Wood Saw	\$21.50
Tilting Table Pole Saw	28.00
Sliding Table Wood Saw.....	25.00
Sliding Table Pole Saw	31.00
7-foot Swing Table Pole Saw Frame.....	29.50
Iron parts only for Tilting Table Wood Saw Frame	17.75



SLIDING TABLE POLE SAW

RENFREW CREAM SEPARATORS

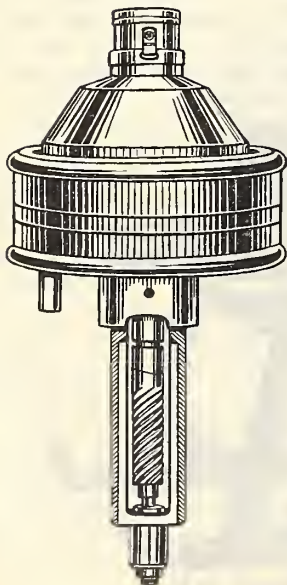
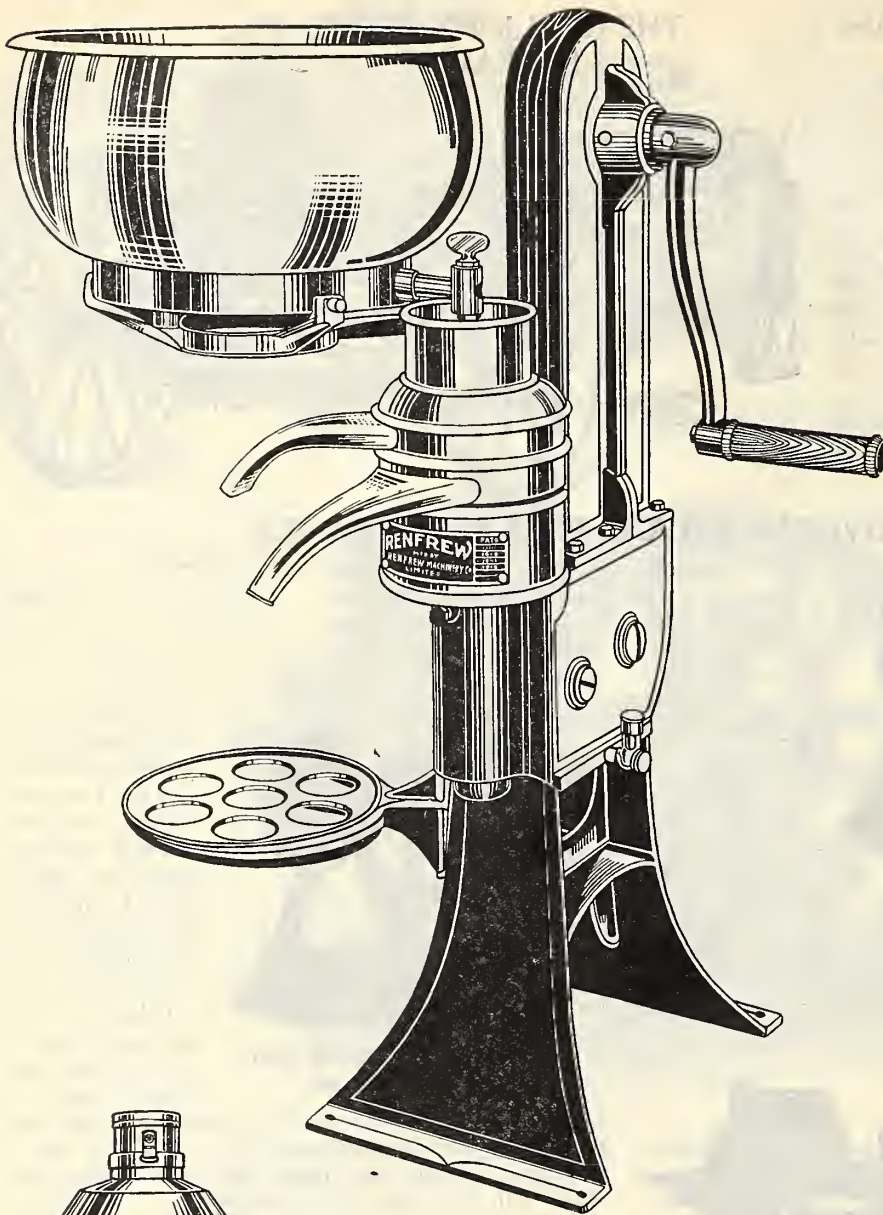
Get
All The
Cream

This is the Renfrew Cream Separator which we sell you guaranteed to skim down to One One - hundredth of One Per Cent (.01 p. c.).

The Renfrew has more exclusive patented features than any other cream separator on the market.

The cut on the left shows the Interchangeable Bowl whereby any size can be made larger or smaller without the expense of buying a new machine.

There are twenty-two reasons why you should buy the RENFREW. Let us send you a catalogue with complete information explaining this cream separator which is more universally used at home and abroad than any of its competitors.



The New Sharples Suction-Feed Tubular Cream Separator

Since the beginning of the centrifugal separator, its one great province has been to *save*. *Save* cream, *save* butterfat, *save* the warmth, freshness and value of skim-milk, *save* labor, *save* quality of produce, always *saving*. What it saves is its value. It has no other value.



The New Sharples Suction Feed Separator is the only one which automatically adjusts the flow of milk to the separating force. It simply sucks in enough milk so that the speed of the bowl can take care of it. In this way, it makes little difference whether you turn the crank under speed or above speed, you will always get a dead clean skim. Just set cream screw and the cream will contain exactly the same percentage of butterfat.

There are many other advantages in using the New Sharples. The supply can, for instance, is only 24 inches above the floor, so that it is easy to fill from the milk can. The Tubular bowl contains no discs or other contrivances which are hard to wash and hard to keep clean. The New Sharples is easy to turn, because you can adjust the speed according to your strength.

The New Sharples is thoroughly described and illustrated in our new catalog, and we will be very glad to have you ask for a copy.

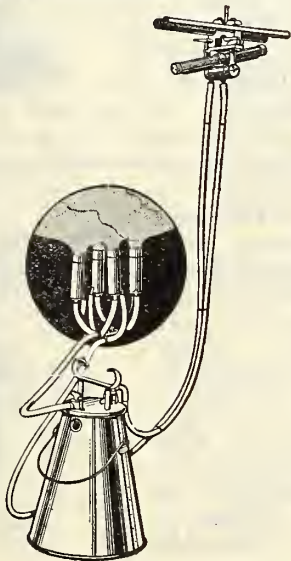
The Sharples Mechanical Milker

Every man keeping a fair sized dairy should be interested in this milker for the following reasons:

First—The cost of milking cows can be reduced seventy-five per cent., or you can milk four times as many cows with the same number of men.

Second—One operator and one boy, to milk and assist, can properly milk one hundred cows in less than two hours, giving independence from hired help in case of necessity.

Third—The improvement in the cow's con-



dition, resulting from the thorough, quick, gentle and regular work of the milker will induce an increased milk production.

Fourth—A far purer product; lower bacterial count and more valuable milk is assured, because all stable air is entirely excluded and the milking parts are so easily and thoroughly cleansed.

These statements are based on close and extended observation of large numbers of these milking machines in actual operation, under widely varying conditions for long periods of time.

Send for Catalog and Detailed Information

CHATHAM CLEANING, GRADING AND SEPARATING MILL, AND BAGGING ATTACHMENT

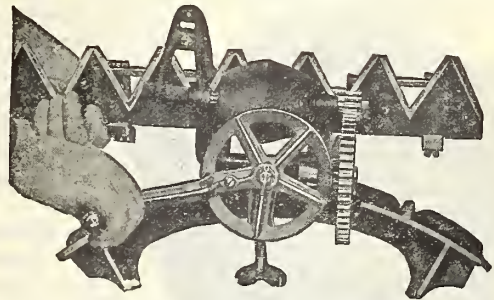


Capacity
Power

60 Bushels Per Hour

Easy to Run by Hand. Boy Can Run It

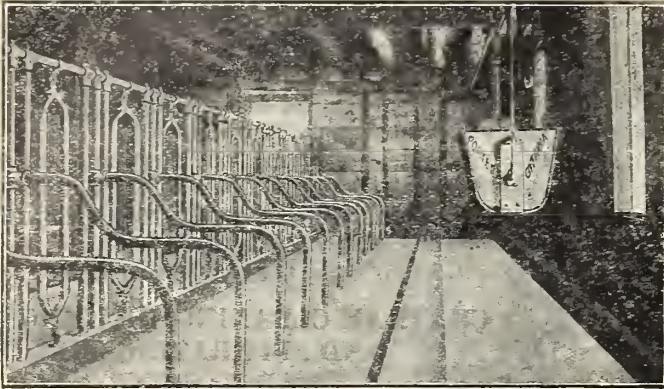
Attachment to run by power, if you want it. The Bagger is adjustable. Can be attached or detached in an instant. No Screws, Bolts or Nails to contend with, simply throw off the drive chain, place foot upon board which connects Bagger to Mill at the bottom, then lift up the Mill and the Bagger is detached.



Knife and Tool Grinder

Grinder is convenient for use in field as it can be readily attached to mower wheel by thumb-latch which holds grinder in position. This grinder does its work perfectly, lever gives operator perfect control so that nicks can be ground out and shape of stone insures sections being ground with their original bevel. This grinder can also be furnished on special order as a foot power machine.

PORTER PERFECT BARN EQUIPMENT

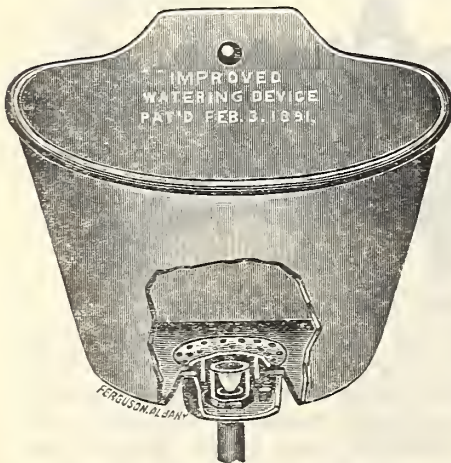


Porter Steel Stanchions

These Stanchions are made of high carbon U-bar steel and are amply strong. The lock is simple and positive in action. Can furnish with wood lining if desired, also small size for calves and extra heavy for bulls.



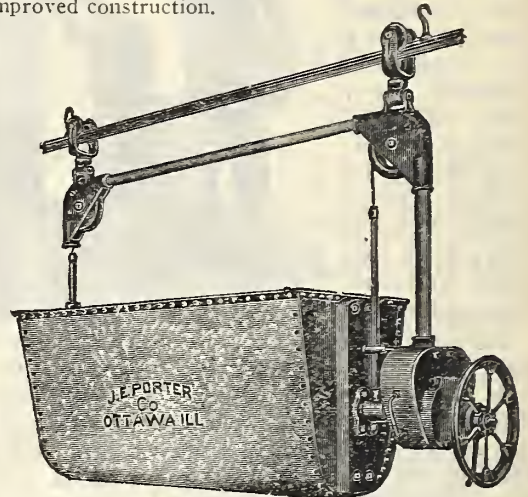
Buckley's Watering Device



No. 3 Stanchion Basin

Illustration shows the general application of this system, but a brief description will be necessary to demonstrate its importance, usefulness and simplicity. On application we will mail descriptive catalog with testimonials, etc.

We are in position to furnish complete barn Outfits of the most improved type including Stalls, Stanchions, Hay and Litter Carriers, Water Basins, Mangers, etc. Estimates and information gladly given and if building new or rebuilding your old barn will furnish without charge Blue Prints giving most improved construction.



The Porter Litter Carrier

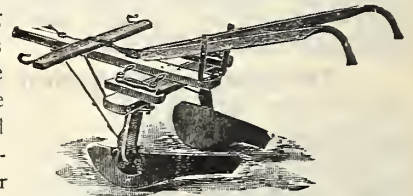
Shown above is a high-class machine, built for heavy service. The tub is four feet long and two feet wide, with a capacity of $12\frac{1}{2}$ cubic feet, or 800 pounds of wet manure. It is built of heavy, galvanized steel, reinforced with rolled steel angle one inch wide all around the top and along the end seams. Most perfect lifting device found on any Carrier. Furnished with chain hoist if desired.

Send for full descriptive catalogue.

Hisco Wing Potato Hoe

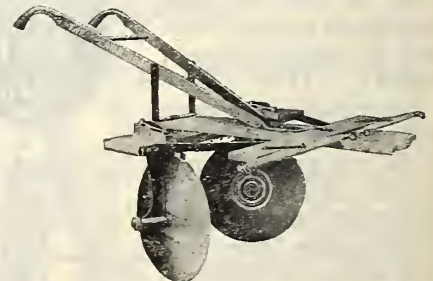
Two-Piece Wings

There has always been a large demand for a Wing Potato Hoe of this type. They are constructed of the best material and are invariably satisfactory to our customers. They are fitted with an adjustable extension on the wings which is a decided advantage. Price, \$11.00



Can also furnish the well-known Syracuse Wing Potato Hoe. Price, \$12.00

A great many persons prefer the disc type of hoe in preference to the wing. Standards are movable on cross-bar to allow spacing of disc. Equipped with 20-inch disc.



Hisco Disc Potato Hoe

Price, \$14.50

Memorandum

Memorandum

Memorandum

IMPERIAL TIRES

PRICES ON APPLICATION. STATE SIZE

Imperial tires are made of very best grades of long fibre fabrics and purest, liveliest rubbers. In all sizes, the extra heavy, yet superflexible carcass is well balanced by the thick, tough tread.

Carcass and tread are vulcanized by a special single cure, full molded process which insures perfect unity between these members, and casing of the greatest physical endurance and riding comfort is the result.



The non-skid, in addition to combining all practical features of skid prevention, provides a smooth rolling contact on all roads.

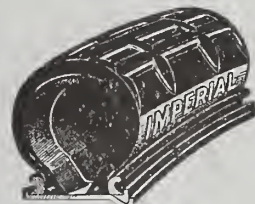
A liberal 3500 mile guarantee insures the user of complete satisfaction against mechanical and material imperfections, and any Imperial tire failing to render the guaranteed mileage under normal conditions will be promptly adjusted on basis of obtained mileage, when returned to us, transportation charges prepaid.



Clincher Type



Quick Detachable Type

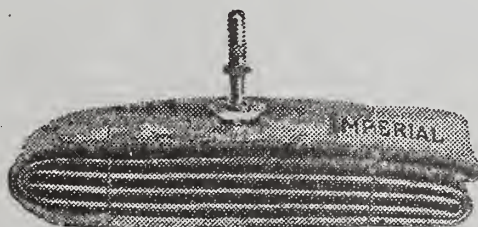


Straight Side Type

Imperial Tubes

Imperial Tubes, in both the grey and red brands, are thick, tough and non-deteriorating. They are all made by the laminated process—layer upon layer of thin rubber sheets of uniform thickness wrapped upon a highly polished mandrell, or pole, and carefully vulcanized into a perfect non-separating unit, which precludes the possibility of pin holes or slow leaks.

Both red and grey Schrader Valve fully boxed in attractions, ready for ship-guaranteed to give



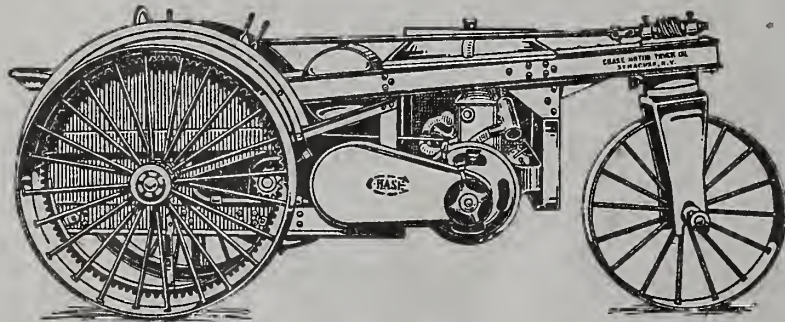
tubes are fitted with Equipment and care-tive, dust proof cement. Each brand complete satisfaction.

Chase Farm Tractor

Only Tractor That Turns in a Radius of Its Own Width

An individual Jaw-Clutch, engaged directly with the Driving Pinion of each Rear Wheel, is released by pressing a convenient foot-pedal. That particular wheel immediately ceases to drive and becomes a Pivot about which the tractor can be turned at a right angle in a space as small as would be required to turn a team of horses.

This feature is invaluable in working narrow "lands," young orchards and in many other instances where turning space is necessarily limited. It permits short turns to the right or to the left, and is an exclusive feature of CHASE construction, not found in other makes of tractors.



Built in the East to Meet Conditions on Eastern Farms

Specifications

Motor

Chase Waukesha long stroke, heavy duty type, 4 cylinder, 4 cycle, water-cooled.

Ignition

High tension magneto. No batteries.

Carburetor

Automatic float feed.

Lubrication

Automatic splash system and force feed pump—positive lubrication for motor.

Transmission

Chase, two speeds forward, one reverse, sliding gear, in oil-tight dust-proof case. Running in oil.

Speed, Miles per Hour

High, 2½; low, 1½; reverse, 1.

Clutch

Internal expanding shoe located in engine fly wheel.

Brake

Powerful contracting band applied to pinion shaft.

Dimensions

Length, 12 feet; width, 76 inches; height, 58 inches.

Weight

5,000 pounds.

Frame

Angle and channel steel. All joints hot riveted.

Tank Capacity

Fuel tank, 11 gallons kerosene, 2 gallons gasoline.

Belt Pulley

8 Inch diameter, 6 inch face; 1,000 revolutions per minute.

Wheels

Front steering wheel 36 inches in diameter, 8 inch face. Equipped with extension wheels, 36 inch face. Rear driving wheels 48 inches in diameter, 12 inch face. Equipped with extension rims, 22 inch face.

Kind of Fuel

Gasoline, distillate and kerosene.

Cooling System

All bronze centrifugal water pump, large shaft and bearings. Enclosed radiator and powerful cooling fan.

Number of Wheels

Two driving in rear, one steering in front; with extensions applied tractor becomes a roller covering the entire ground, 76 inches in width.

Control

Friction clutch, gear shift and brake operated by hand levers. Jaw clutches operated by foot pedals. All conveniently located for the operator.

Bull Pinion Gears

Manganese steel. So tough they can't be machined—so hard they can't be drilled.

Plowing Capacity

Two 14 inch plows and three 12 inch plows in stubble or favorable soil conditions.

Harrowing Capacity

One 8½ foot double action disc harrow. Three section spring tooth harrow, and the above equivalent in other types of harrows.

Belt Power

All forms of farm work requiring 16 horse power.

SEND FOR FULL DESCRIPTIVE LITERATURE