



**SINCE  
1870**

**SHAPLEIGH'S**  
ESTABLISHED 1843  
ST. LOUIS, U.S.A.

# TOOL DIVISION

## SECTION 8—AGRICULTURAL TOOLS and EQUIPMENT

PRUNING TOOLS  
SHEEP SHEARS and  
CLIPPERS  
CATTLE LEADERS

COW BELLS  
CALF WEANERS  
HOG RINGS, Etc.  
ANIMAL POKES  
POULTRY SUPPLIES

SPRAYERS  
INSECTICIDES  
GRASS SEED  
FERTILIZER



**SINCE  
1870**

## PRUNING SAWS

KEEN  KUTTER

(K33/24)

|      |              | Lgth.,<br>ins. | Pt.,<br>ins. | Butt Box,<br>ins. | Wt.<br>lbs. |             |
|------|--------------|----------------|--------------|-------------------|-------------|-------------|
| Each | F430GK X6D15 | 24             | 1½           | 5¾                | 10½         | Each \$9.25 |

Six in box

KEEN  KUTTER

## Reversible Double Edge

High grade special steel blade, tempered, polished and etched. Has two cutting edges—one side plain cross-cut teeth with 8 points per inch, the other side lumber man or lightning style. Stationary hardwood handle with weatherproof finish, securely attached to blade with 2 rivets.

Length of blade 18 inches.

|                               |                          |      |        |
|-------------------------------|--------------------------|------|--------|
| Each                          | F431GK (K102) X2D73..... | Each | \$4.10 |
| Four in ctn. Wt. ctn. 2¼ lbs. |                          |      |        |

KEEN  KUTTER

## California Pattern Crescent Cut

High grade special steel curved blade, with thin back, polished and etched. Curved, hardwood handle, lacquered orange. Rigidly attached to blade with 3 rivets. Reverse teeth set and filed. Cuts on draw stroke.

Length of blade 14 inches.

|                             |                          |      |        |
|-----------------------------|--------------------------|------|--------|
| Each                        | F432GK (K103) X2D77..... | Each | \$4.05 |
| Six in box. Wt. box 4½ lbs. |                          |      |        |

KEEN  KUTTER

## Pole Type

High grade special steel curved blade. Alloy handle lacquered red hook and handle are one piece.

Needle sharp teeth are 8 points to an inch.

Length of blade 14 inches.

## Without Pole

|                                                  |                          |      |        |
|--------------------------------------------------|--------------------------|------|--------|
| Each                                             | F425GK (K620) X2D60..... | Each | \$3.98 |
| One in box. Twenty-four in ctn. Wt. ctn. 42 lbs. |                          |      |        |

## POLES

## For Pruning Saw No. F425GK

Lightweight aluminum. Length 4 ft.

If more length is desired two poles will fit together to extend to 8 ft.

|                                                            |                      |      |        |
|------------------------------------------------------------|----------------------|------|--------|
| Each                                                       | FX-K623-G X1D80..... | Each | \$2.75 |
| One in tube. Twenty-four tubes in ctn.<br>Wt. ctn. 31 lbs. |                      |      |        |

## DISSTON



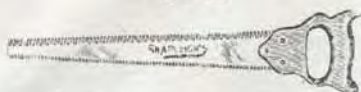
Has a strong blade with curved butt which prevents wear on trousers when hung from belt. Blade of Disston steel. Skew-back. 5 inches wide at butt. 1 inch wide at point. Champion pattern teeth for heavier cutting. Hardwood handle. Rounded Edges. Weatherproof finish. Extra large hand hole for gloved hand. Dowel pin through grip gives unusual strength to the handle. Four brass screws, one a medallion. Use a 6 inch cant saw file for sharpening these saws.

Length of blade, 24 inches.

|                              |                           |        |        |
|------------------------------|---------------------------|--------|--------|
| Each                         | F423G (D32/24) X6D44..... | ▲ Each | \$9.65 |
| Four in box. Wt. box 6½ lbs. |                           |        |        |

## PRUNING SAWS

SHAPLEIGH'S



Double edge extra quality tempered steel blade, polished and etched. Quick-cutting teeth on one edge and plain teeth on the reverse edge. Set and sharpened. Hardwood handle, polished edges. Nickel plated screws.

Length of blade 18 inches.

Each  
F434G (S75/18) X2D60.....\$3.90

Four in box. Wt. box 2¼ lbs.

DISSTON



Curved taper ground blade with 15 inch tooth edge. Long slender needle shaped teeth, 8 points to the inch. Malleable iron socket with hook, inside diameter 1¼ inches. Aluminum finish. Blade is attached to socket with a wing nut adjustment, which permits blade being used at various angles.

Cuts on the Draw

Each  
F419G (114) X4D84.....\$7.25

Two in box. Wt. box 2 lbs.

DISSTON



Folding Type

Properly shaped, slotted weather-proofed finish.

Hardwood handle, Disston steel blade, 2 inches wide at handle with long slender, needle sharp teeth cuts on draw stroke. Butt end of blade rests against rivet when pruning.

Length of Blade 12 ins.

Each  
F416G (38) X2D60.....\$3.90

ATKINS



Forester pruner. Blade of silver steel, hardened and tempered. Blade is very stiff and will not bind. Extra large peg teeth filed and set. New style kiln dried beech handle, highly lacquered and polished. 3 brass screws. Length blade 26 inches. Width at point 1½ inches. Width at butt 3½ inches. 4½ points per inch.

Each  
F418G (17) X3D43.....\$5.15

Four in box. Wt. box 5½ lbs.

ATKINS

Silver Flash

New teeth and sawing efficiency. Fast, easy cutting in green, dry, hard and soft wood.

Silver steel, heat treated, ground and balanced. Teeth are grouped with three slicers to each section which permits fast easy and smooth sawing, either cutting off, ripping or mitering. Handles are perfectly shaped seasoned hardwood, clear lacquered and polished.

Each saw complete with a No. 28 Midget Raker Gauge which correctly files and gauges pruning saw raker teeth.



Pull Cut

Preferred by utilities and tree surgeons everywhere. Closed handle held by three nickeled saw screws.

Length 26 inches. Width at point 1½ inches, at butt 3½ inches.

Each  
F420G (314/26) X5D65.....\$8.50

Six in box. Wt. box 8¾ lbs.

## PRUNING SAW AND SHEARS

DISSTON ORCHARD

Without Pole

Blade is of Disston steel, with a curving taper from butt to point, 9½ inches long on cutting edge. Has long, slender needle shaped teeth 8 points to the inch. Blade is fastened to the hook with two round head machine screws. Shear frame and socket is malleable iron, finished in aluminum. Shear blade is of Disston steel. Hardened and tempered. Length of shear blade 4 inches. Has 1½ inch cutting edge. Inside diameter of socket 1¼ inches. Length 2¼ inches. Hook will take a ¾-inch limb or smaller. Strong spring returns knife to open position.

Each  
F433G (OPH55) X7D00.....\$10.50

Two in box. Wt. box 3½ lbs.

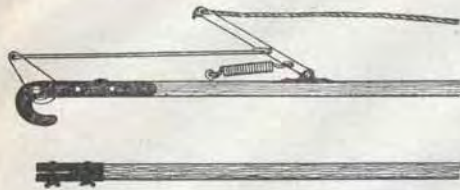
## EXTRA BLADES

For No. OPH55 Pruning Saws

Each  
F794G (55EB) X2D60.....\$3.90

Twelve in box. Wt. box 5 lbs.

## TREE PRUNERS

KEEN  KUTTER

## Two-Piece Extension Pattern

Indispensable to the orchardist, tree surgeon, park and cemetery superintendent as a 6 foot, or 12 foot pruner.

Can be assembled and taken down quickly and easily. A pull on the rope cuts the branch and a spring opens the pruner for the next cut.

Heavy wrought steel two-piece hook, riveted to first section of pole. Normalized and tempered cutlery steel blade. Steel operating lever with steel wire draw rod and spring to open blade for next cut. Two-section pole of light, strong airplane spruce, with simple positive metal clamps with wing nuts. Complete with sash cord. All metal parts black enameled.

|                       |        |
|-----------------------|--------|
| Each                  | Each   |
| 3-K12W-KK X5D20★..... | \$7.75 |

Three in ctn. Wt. ctn. 19½ lbs.



Forged steel hook, painted red, firmly riveted to natural finish hardwood handle. Tempered, forged tool steel draw cutting blade 4¾ inches long. Steel ever handle, painted red, extends clear through hardwood grip and riveted at end. Steel wire draw rod with coil spring to hold blade open. Clip in which handle works is bolted to pole. Length of lever handle 13 inches. Cuts easily through 1 inch branch.

| Each            |    | Length<br>Over All, | Weight<br>Bdl., | Each |
|-----------------|----|---------------------|-----------------|------|
|                 |    | ft.                 | lbs.            |      |
| 3-K110-KK X3D65 | 10 | 28                  | \$5.50          |      |
| 3-K112-KK X4D00 | 12 | 35                  | 6.00            |      |

Six in bundle

Heads burlapped, handles wrapped in paper.

## EXTRA BLADES

For Tree Pruners Nos. K110 and K112

|                         |        |
|-------------------------|--------|
| Each                    | Each   |
| F2327KK (KEB) D4C7..... | \$0.72 |

Lots of 12 (KEB) D4C5

Twelve in pkg. Wt. pkg. 1¼ lbs.

## CLYDE



Light—works like a pump gun. Reach high without stretching and low without stooping. Shears stems or branches almost ¾ inch thick.

Selected basswood pole ¾ inch square with rounded corners and sliding hardwood handle.

High carbon tool steel hook and blade.

Two pieces of hook riveted to form wide working bearing. Strong spring holds blade open. Finished in red and green.

Length 52½ inches.

|                     |        |
|---------------------|--------|
| Each                | Each   |
| 3-5428-K X2D40..... | \$3.60 |

Six in ctn. Wt. ctn. 9 lbs.

## HANDLED PRUNERS

## KLICKER



## Lopping

Hardened steel curved blade and hook, tempered and polished. Natural finish hardwood handles. Blue steel ferrules.

Length of blade 3½ inches. Length of handle 22 inches.

|                            |               |
|----------------------------|---------------|
| Each                       | Each          |
| F2389K (S122) X2D65★.....  | \$3.95        |
| FX2389K (S122) X2D65★..... | (Case lots 6) |

Six in ctn. Wt. ctn. 15 lbs.

## KLICKER



## Lopping

Bevel and inside of blades polished. Made of forged heat treated steel. Self-locking hinge nut and bolt. Clear lacquered handles, shaped for comfortable grip, blue ferrules.

Length over all 21 inches.

|                           |               |
|---------------------------|---------------|
| Each                      | Each          |
| F2440K (S121) X2D40.....  | \$3.60        |
| FX2440K (S121) X2D40..... | (Case lots 6) |

Six in ctn. Wt. ctn. 10½ lbs.

## HANDLED PRUNERS

KEEN  KUTTER

## Rocket

Light in weight and perfectly balanced. Tubular steel chrome plated and fully heat treated. Won't break or bend. Rubber fibre cushion grips provide non-slip features even when handles are wet or used with gloves. Full size heavy duty blade and hook with dynamic hinge bolt and nut for positive adjustment.

Length overall 27¾ inches.

|                            |               |
|----------------------------|---------------|
| Each                       | Each          |
| F2446KK (A103) X5D67.....  | \$8.50        |
| FX2446KK (A103) X5D67..... | (Case lots 4) |

Four in ctn. Wt. ctn. 9 lbs.

## HANDLED PRUNERS

## FORESTER



A heavy duty tool especially suitable for brush cutting, trail clearing and heavy forest pruning. Also very efficient for severe cut-back work after winter-kill in orchards. The two sharp blades and the increasingly greater lever of the power slot promote clean, easy cutting control.

## Three Points of Power

1st notch for normal, small branches.

2nd notch increases power 50 per cent over normal.

3rd notch increases power 100 per cent over normal.

Power can be increased as needed in the middle of a tough cut.

Cutting head high quality tough alloy tool steel, drop forged and heat treated. Handles are heat treated alloy steel, with wood grip riveted on. Cutting head polished, handles black lacquered. Grips orange lacquered.

| Each        |                     | Lgth.<br>Over<br>All,<br>For ins. | Wt.<br>Each,<br>lbs. | Each    |
|-------------|---------------------|-----------------------------------|----------------------|---------|
|             |                     |                                   |                      |         |
|             | Capacity 1½ inches. |                                   |                      |         |
| F2392K (F2) | X7D60 Farm          | 27                                | 4⅝                   | \$11.40 |
|             | Capacity 2 inches.  |                                   |                      |         |
| F2393K (F3) | X9D93 Forest        | 34                                | 7⅞                   | 14.90   |
|             | Loose               |                                   |                      |         |

## TRUE TEMPER



## Professional Vine and Tree

A scientifically designed pruner, sturdily constructed, for use in groves, fruit orchards and vineyards. Excellent quality and workmanship.

Forged high carbon steel, extra heavy blade, hook and shank. Blade and hook highly tempered, precision ground and honed head and shank highly polished. Extra large hexagon head, electro hardened pivot bolt at joint allows close and positive adjustment. Extra heavy shanks extend 5 inches into handle and secured by two steel hexagon head bolts. Smooth "fire-hardened" seasoned hickory handles 19½ inches long.

Length of blades 3 inches. Length over all 25¾ inches.

| Each                              | Each   |
|-----------------------------------|--------|
| F2385K (102) X4D33.....           | \$6.50 |
| FX2385K (102) X4D33—(Case lots 4) |        |

Four in ctn. Wt. ctn. 9 lbs.



Drop forged steel curved blade and hook, precision ground, hardened and tempered. Full polished. Fire hardened handles with tapered steel maroon ferrules.

Length of blade 3½ inches. Length of handle 22½ inches.

| Each                              | Each   |
|-----------------------------------|--------|
| F2386K (103) X3D97.....           | \$5.95 |
| FX2386K (103) X3D97—(Case lots 4) |        |

Four in ctn. Wt. ctn. 10 lbs.

## PRUNING SHEARS

KEEN  KUTTER

## GARDEN CENTER



## All Purpose

Powerful, draw cut action, cuts crisp and clear. Hinge bolt and nut won't work loose. Leather thong twists out of way when shears are in use. Volute spring. Non-slip handle. Bright chrome finish. Length over all 8 in.

Each ..... Each  
**F2444KK X1D50** ..... \$2.25  
 Six in display ctn. Wt. ctn. 6½ lbs.



Replaceable brass anvil. Non-slip corrugated handle for powerful grip. Dynamic huge bolt and nut provides positive adjustment. Fully tempered, assures crisp clean cut. Chrome plated body and handle. Overall length 8 in.

Each ..... Each  
**F2445KK X2D17** ..... \$3.25  
 Six in display ctn. Wt. ctn. 6½ lbs.

## KLICKER



Tempered, full polished blade riveted to malleable castings. Red enameled steel handles. Adjustable pivot ball. Tempered volute spring. Steel end clip to hold handles. Length over all 9 inches.

Each ..... Each  
**F2430K (9K) D8C3★** ..... \$1.35  
 Lots of 6 (9K) **D8C4★**  
 Six in box. Wt. box 5 lbs.

## SEYMOUR SMITH



## Snap Cut

Rugged, powerful, durable, clean cutting. The thin, keen blade cuts onto a soft metal block with a long shearing or drawing cutting action. Will cut ½-inch seasoned hardwood. ¼-inch green wood and the smallest twigs and twine. Can be easily honed.

Special tool steel blades. Steel non-pinching handles. Finger guard holds the hand in natural, comfortable position. Case hardened bolt with brass nut that will not rust tight to bolt. Spring lock washer, steel wire end fastening clip.

Chromium finish, bronze anvils.

| Each                       | Lgth,<br>ins. | Wt.<br>Display,<br>lbs. | Each   |
|----------------------------|---------------|-------------------------|--------|
| <b>F2432K (118) X1D73★</b> | 6             | 2½                      | \$2.59 |
| <b>F2434K (119) X2D17★</b> | 8             | 5                       | 3.25   |

One in box. Six in display box

## WISS



## Hy-Power

Extra power and rugged construction with an easy clear cutting anvil action, eliminating bruising. Made of hot formed tool steel, hardened, tempered and hand edged. Fully nickel plated.

Length 8 inches

Each ..... Each  
**F2395K (908) X2D17** ..... \$3.25  
 One in box. Wt. box 1 lb.

## PRUNING SHEARS

## WISS



## Draw Cut

Specially suited for all close meticulous cutting. Hot drop forged, hardened and tempered. Open end handles prevent pinching. Full gun-metal finish with polished blades.

Length 8 inches

Each ..... Each  
**F2396K (808) X2D64** ..... \$3.95  
 One in box. Wt. ¾ lb.



## Lightweight

Hot drop forged of fine cutlery steel. Light graceful appearance with easy cutting features. Ideal for rose bushes. Red enameled handles.

Length 7 inches

Each ..... Each  
**F2397K (607R) X1D97** ..... \$2.95  
 One in box. Wt. box 5 oz.

## PRUNING SHEAR PARTS

## NUTS AND BOLTS

For Nos. 9, 19 and 119.

Each ..... Each  
**F2412K (PSB4) D1C4** ..... \$0.25  
 Loose. Wt. each 1 oz.

## BLADES

For Shears

| Each                       | Nos. | Wt. Ea.<br>ozs. | Each   |
|----------------------------|------|-----------------|--------|
| <b>F2403K (118EB) D4C0</b> | 118  | 4               | \$0.60 |
| <b>F2405K (119EB) D4C0</b> | 119  | 1½              | .60    |

Loose.

## ANVILS

For Shears

| Each                       | Nos.     | Wt. Ea.<br>ozs. | Each   |
|----------------------------|----------|-----------------|--------|
| <b>F2402K (118EA) D1C4</b> | 118      | ½               | \$0.25 |
| <b>F2404K (119EA) D1C4</b> | 19 & 119 | ½               | .25    |

Loose.

## VOLUTE SPRINGS

For Nos. DECP, KCP, S17, 9K, 60 and 124.

Each ..... Each  
**F2413K (VS) D2C0** ..... \$0.30  
 Loose. Wt. each 1 oz.

## ELECTRIC HEDGE TRIMMERS

KEEN  KUTTER

Insulated comfort grip handle and contour design auxiliary handle.

Operator trims hedges without bending or stooping. Cutting top of high hedges is simplified by using handle at rear of housing.

Trap-lock cutter teeth prevents branches from slipping away from cutting action of blade. Four bolts in cutter bar keep blade tight.

PET built series type motor gives power for trimmer through bevel pinion gear and cam action that insures years of trouble-free performance.

**Silver**—Luster finished housing.

## Specifications:

**Motor**—115 volts

**Cutter Bar**—13 inch blade, 14 cutting teeth. Cutting stroke,  $2\frac{1}{2}$  inch.

**Speed**—850 strokes per minute.

**Bearings**—Spindle, oil retaining bronze.

**Drive**—Matched bevel pinion gears.

**Dimensions**—Length 22 inches. Width (less handle),  $2\frac{5}{8}$  inches. Height  $5\frac{1}{2}$  inches.

**Cord**—Twelve inch rubber stub, 3-wire, cord with adaptor.

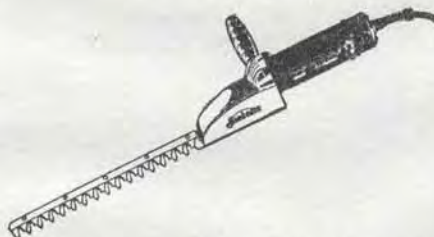
Each Each

**F87KK (KK57) X20D97**.....\$29.95

**FX87KK (KK57) X19D95**—(Case lots 6)

One in box. Wt. box  $5\frac{1}{4}$  lbs.

## ■ SUNBEAM



Sturdily constructed of plastic and light metals. Specially designed 12 inch high grade cutlery steel blades, hardened and precision ground. Powerful cool running universal motor is self-contained in the easy grip handle. Convenient off and on switch. Auxiliary grip handle. Well balanced for easy handling.

Complete with 10 foot rubber covered cord and plug. Any extension cord should be rubber covered and 16 or 18 gauge.

Length over all  $24\frac{1}{2}$  inches.

**Operates on A. C. or D. C. 115 Volts.**

Each Each

**FX-A1-K X34D96★**.....\$49.50

3 or more **X33D72★**

One in ctn. Wt. ctn. 6 lbs.

BLACK &amp; DECKER



## For Hedge and Shrubs

Durable die cast housing. Heavy duty toggle switch. Shock proof handles with foil guards can be locked in different positions. Heavy duty motor, fan and ventilating system. Patented Spiroid gear system. Ball bearing on armature shaft is lubricant sealed for life. Scotch-yoke drive mechanism. Hardened steel blades.

## Specifications:

**Motor**—115 volts, A. C. or D.C.

**Blade**—Length 13 in. Width  $2\frac{1}{8}$  in.

**Overall Length**—27 in.

**Standard Equipment**—Heavy duty toggle switch, insulated switch handle. Auxiliary Versi-Grip handle with foil guard. Cable and plug.

Each Each

**3-U3000-K X34D65**.....\$49.50

One in ctn. Wt. ctn. 6 lbs.

## HEDGE TRIMMING ATTACHMENT

BLACK &amp; DECKER



For cutting, trimming and shaping hedges, bushes, boxwood, etc.

Quickly clamps on Black & Decker  $\frac{1}{4}$  in. drill. Close coupled for one-hand operation.

## Features:

Extra length 14 inch blade. Width  $2\frac{1}{8}$  in. Wider stationary guide-blade for less vibration and easier feeding into cut. Blade set at best angle ( $15^\circ$ ) for fast, smooth feeding.

"Versi-Grip" handle can be set at different positions. Fits all Black & Decker  $\frac{1}{4}$  inch drills (Nos. U1, U3, U15, U50, U100, U103, U300, U301).

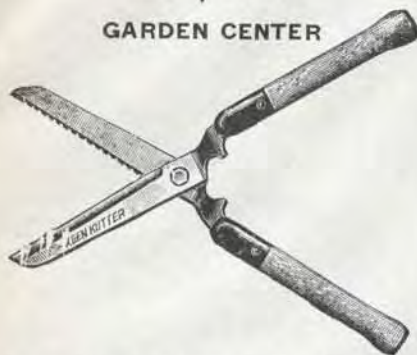
## Without Drill

Each Each

**F86K (U1014) X13D30**.....\$19.95

One in box, five in ctn. Wt. ctn. 19 lbs.

## HEDGE SHEARS

KEEN  KUTTER  
GARDEN CENTER

First quality forged cutlery steel blades, specially hardened and tempered. Cutting blade sharpened, lower blade serrated. Blades glazed finish with black shanks. Hardened and patented hinge bolt and nut, designed for close and positive adjustment. Precision fitted to prevent wear and friction. Natural finish maple oval handles with tapered brass red enameled ferrules, fastened with brass rivets through handles and tangs. Blades  $8\frac{1}{2}$  inches long. Length over all 21 inches.

Each Each  
**F2376KK X3D17★**.....\$4.75  
**FX2376KK X3D17★**—(Case Lots 4)

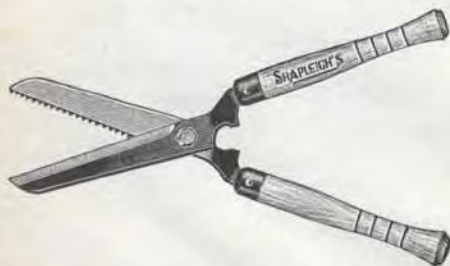
Four in ctn. Wt. ctn. 10 lbs.

## TRUE TEMPER

Fire hardened oval handles with tapered brass maroon enameled ferrules, fastened with brass rivets through handles and tangs. Blades  $8\frac{1}{2}$  inches long. Length over all 21 inches.

Each Each  
**F2379K (TD) X3D17**.....\$4.75  
**FX2379K (TD) X3D17**—(Case Lots 4)

Four in ctn. Wt. ctn. 10 lbs.



Finest quality hedge shear steel blades, forge finish. Bevel and inside of blades polished. Patented hinge bolt and nut insures close and positive adjustment and eliminates wear or friction.

Blades  $8\frac{1}{2}$  inches long. Length over-all 21 inches. Lower blade notched and serrated.

## SHAPLEIGH'S

Clear ash handles with bright yellow trim.

Each Each  
**F2378K X2D64**.....\$3.95  
**FX2378K X2D64**—(Case lots 6)

Six in ctn. Wt. ctn. 15 lbs.

KEEN  KUTTER

Shock absorbing rubber bumper. Chrome plated one-piece ferrules. Mirror polished blades. Knife sharp blade serrated for fast, efficient cutting action. Dynamic hinge bolt and nut provides exact adjustment—won't work loose. Clear ash oval handles. Length of blade  $8\frac{1}{2}$  in. Overall length 21 in.

Each Each  
**F2383KK X3D67**.....\$5.50  
**FX2383KK X3D67**—(Case lots 4)

Four in ctn. Wt. ctn. 10 lbs.

KEEN  KUTTER

## Full Size

Tubular steel chrome-plated shafts, with rubber-fiber grips. Absorbs shocks 3 ways, in shafts, grips and rubber bumpers. Handles won't bend or come loose. Non-slip grip. Dynamic hinge bolt and nut provide positive adjustment. Mirror polished blades, lower blade serrated. Blades  $8\frac{1}{2}$  inches long. Over-all length 22 inches.

Each Each  
**F2391KK X5D67**.....\$8.50  
**FX2391KK X5D67**—(Case lots 4)

Four in ctn. Wt. ctn. 9 lbs.

## KLICKER



One piece high grade steel blades, shanks and tangs. Bevel ground blades with notch in lower blade. Natural finish with polished face and bevels. Shank painted red. Heavy bolt and nut with split washer. Shaped maple stained handles with steel ferrules. Length of blade 8 inches. Over all length 22 inches.

Each Each  
**F2362K (18K) X1D75★**.....\$2.65  
**FX2362K (18K) X1D75★**—(Case lots 6)  
 Six in ctn. Wt. ctn. 16 lbs.

## KLICKER



One piece high grade steel blades, shank and tangs. Bevel ground blades, natural finish with polished face and bevels. Shank black japanned. Bolt and nut with split washer. Shaped hardwood stained handles with steel ferrules.

Length of blade 6 inches. Over all length 17 inches.

Each Each  
**F2377K (L6K) X1D30**.....\$1.95  
**FX2377K (L6K) X1D30**—(Case Lots 6)

Six in ctn. Wt. ctn.  $10\frac{1}{2}$  lbs.

## KLICKER



## Ladies' Size

Special analysis heat treated steel blades—top bevel serrated and inside polished. Hardened steel hinge bolt and lock nut provides positive adjustment. Clear lacquered handles with blue ferrules.

Length blade  $6\frac{1}{2}$  inches. Length over-all 17 inches.

Each Each  
**F2381K X1D84**.....\$2.75  
**FX2381K X1D84**—(Case lots 6)

Six in ctn. Wt. ctn.  $8\frac{1}{2}$  lbs.

## HEDGE SHEARS

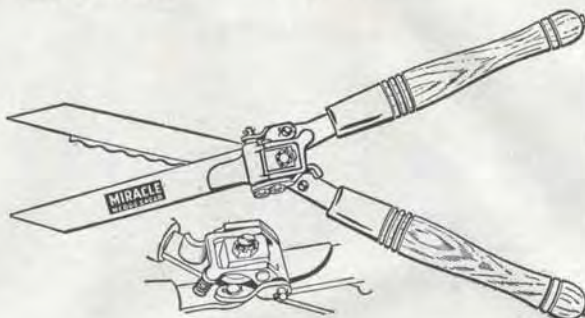
KEISER MFG.

### Miracle

Shock absorber stop of unique design, that lets shear take beating instead of hands. Long lasting cutting edges. All wearing parts hardened. Made of light weight alloy steel. Serrated edge.

### Features:

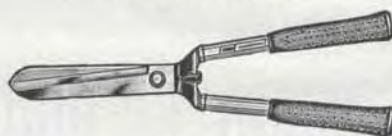
- Shock absorber stop.
- High pivot mounting.
- Pull pin for more power to handles.



Each F2382K (M500) X3D75.....\$6.25

Six in box. Wt. box 20 lbs.

### TRUE TEMPER



### Rocket

Unbreakable chrome plated boron alloy tubular steel handles. Rubber fibre cushion grips won't slip even when wet. Shock absorbing rubber bumper and serrated lower blade. Exact adjustment is provided by hinge, bolt and nut. Mirror polished blades.

Blade length 8½ inches. Length overall 22 inches.

Each F2375K (AT85) X5D67.....\$8.50

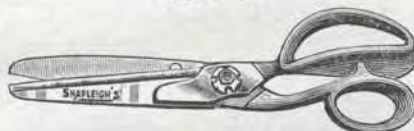
FX2375K (AT85) X5D67—(Case lots 4)

Four in ctn. Wt. ctn. 9 lbs.

## MULE SHEARS

For clipping mules, also for general use around shop or store, cutting light shrubbery, trimming grass, auto repair shop work, and for cutting paper roofing and wire cloth.

SHAPLEIGH'S



Good quality polished thin steel blades. Malleable bent offset handles, red japanned finish. Steel bolt with tension washer. Length of blade 4½ inches. Length over all 10 inches.

Each S54A (S112) X1D25★ Type Blade Straight Each \$1.95

Six in box. Wt. box 4½ lbs.

SHAPLEIGH'S



Good quality steel blades glazed finish. Malleable bent offset handles, light japanned finish. Heavy bolt and nut at joint. Length of blades 5 inches. Length over all 10 inches.

Each S52A (S111) X1D15★ Type Blade Straight Each \$1.75  
S53A (S11C) X1D15★ Curved 1.75

Six in box. Wt. box 5 lbs

## SHEEP SHEARS

SHAPLEIGH'S

Forged from one piece high grade steel. Spring tempered bows. Blades carefully tempered, set and sharpened. Natural finish bows, half polished blades with polished grips.



### Single Bows

Length blade 5½ inches. Length over all 12 inches.

Each F2441K (S5½) X1D15★.....\$1.75  
Lots of 6 X1D10★

Six in ctn. Wt. ctn. 4½ lbs.



### Double Bows

| Each      | F2442K (S6HP) X1D50 | Length Blade, over all, ins. |     | Wt. ctn., lbs. | Each \$2.25 |
|-----------|---------------------|------------------------------|-----|----------------|-------------|
|           |                     | 6                            | 12½ |                |             |
| Lots of 6 | X1D45               |                              |     |                |             |

| Each      | F2443K (S6½HP) X1D60 | Length Blade, over all, ins. |     | Wt. ctn., lbs. | Each 2.40 |
|-----------|----------------------|------------------------------|-----|----------------|-----------|
|           |                      | 6½                           | 13¼ |                |           |
| Lots of 6 | X1D55                |                              |     |                |           |
|           |                      | Six in ctn.                  |     |                |           |

## EMASCULATOMES

WIMCO

### Pincer Type

The latest ideas in design and manufacture. Cord stop prevents slipping of the cord and makes one man operations possible.

Made of forged steel of carefully selected quality, bright plated and polished.



For bulls and old animals. Length 17½ inches.

Each 6-302-K X14D70.....\$22.00

One in ctn. Wt. ctn. 5¼ lbs.

**FETLOCK CLIPPERS**

OSTER



Nickel plated steel handles and cap. High quality steel chromium plated cutting blades, highly tempered. Winged tension nut. Spring between handles. Bottom plate 1 1/4 inches wide. Ten coarse teeth to the inch. Length over all 5 1/4 inches.

Each  
**S309A (10FK) X2D33**..... \$3.50  
 One in box. Wt. box 3/4 lb.

**CLIPPING MACHINES**

STEWART—CLIPMASTER



For Cows, Horses, Mules and Dogs

Light, easy to handle, powerful and fast. Extra powerful, especially designed, ball-bearing motor, air-cooled by its own fan. Perfect insulation—shockproof. Small, easy to use, barely 2 inches in diameter, perfect balance, comfortable grip. Full length, 20-foot cord with unbreakable wall plug. Complete with clipping blades, ready to use. With 110-120 volt Universal motor for A.C. or D.C.

Each  
**S305A (51/1) X35D18★**..... \$50.25  
 One in ctn. Wt. ctn. 6 lbs.

**SHEARING HEADS ONLY**

For converting Model 51 Clipmaster into a shearing machine for sheep and goats.

Complete with comb No. 4HB and cutter No. 4HA.

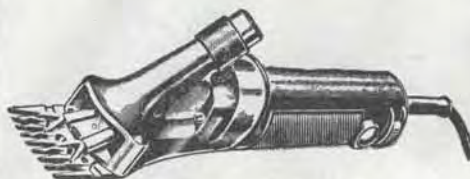
Each  
**X31A-A X22D05**..... \$31.50  
 Loose. Wt. ea. 4 lbs.

**CLIPPING MACHINE BLADES**STEWART  
For Clipmaster Model 51 Series Only

| Each                      | Blade  | Wt. ea., ozs. | ▲ Each |
|---------------------------|--------|---------------|--------|
| <b>S681A (83AU) X1D86</b> | Top    | 4             | \$2.65 |
| <b>S682A (84AU) X2D21</b> | Bottom | 3             | 3.15   |
| Loose                     |        |               |        |

**CLIPPING AND SHEARING MACHINES**

STEWART—SHEARMASER



For Sheep and Goats

Extra powerful, specially designed, ball-bearing motor. Improved E-B tension control. Composition handle, shockproof construction. New tension nut spring prevents back-up, permits finest adjustment. Barely 2 inches in diameter. 20-foot rubber covered cord. For 110-120 volt A. C. or D. C.

Each  
**S304A (31B) X42D18★**..... \$60.25  
 One in ctn. Wt. ctn. 7 lbs

**CLIPPING HEAD ONLY**

For converting Model 31 Shearmaster into a clipper for horses, cows, mules and dogs, also a replacement head for Model 21 Clipmaster.

Complete with comb No. 4HB and cutter No. 4HA.

Each  
**S306A (51A) X15D23**..... \$21.75  
 Ten in box. Wt. box 20 lbs.

**CUTTING BLADES**

STEWART



No. 4HB



No. 4HA

For Shearmaster Model 31 Series

Bottom Comb.

For shearing sheep and goats only.

Each  
**S683A (4HB) X1D75**..... \$2.50  
 Loose. Wt. ea. 2 ozs.

Top Cutter.

For both clipping and shearing.

**S684A (4HA) D7C7**..... 1.10  
 Loose. Wt. ea. 1/2 oz.

**PARTS**

For Stewart Clipping and Shearing Machines

**COMBS**

(No. 34AB)



(No. P2311)

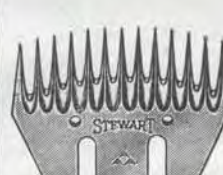
For Wide Shearing Hand Piece

AAA Wide Cutter

Each  
**S700A (34AB) D9C6**..... \$1.20  
 Twenty in box. Wt. box 3/4 lb.

Wide Diamond Cutter

**S701A (P2311) X1D00**..... 1.25  
 Twenty in box. Wt. box 3 lbs.



(No. P7109)



(No. G287)

Wide AAA Comb

Each  
**S693A (P7109) X2D40**..... \$3.00  
 Ten in box. Wt. box 2 lbs.

Wide Comb. 13 tooth

**S695A (G287) X2D20**..... 2.75  
 Ten in box. Wt. box 2 lbs.

**NARROW COMB AND CUTTER**

Ten Point Comb

For Stewart No. 7 and Stewart No. 5 hand pieces.

Each  
**S699A (27T) X1D68**..... \$2.40  
 Loose. Wt. ea. 2 ozs.

Items marked ✕ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B., Chicago, Ill.

STAR ★ DENOTES BEST SELLER

**DEHORNERS****NEWTON & McGEE****Small Size****For Calves and Goats**

Famous one-blade draw cut, most powerful leverage for easy quick dehorning. Blade cuts clean—does not crush.

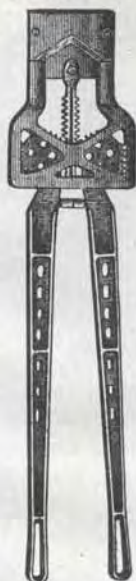
Malleable iron frame and handles. High quality tool steel blade, highly tempered and sharpened.

Horn opening  $2\frac{1}{8}$  inches. Blade  $2\frac{3}{8}$  inches wide,  $\frac{3}{16}$  inch thick. Handles 20 inches long. Length over all  $27\frac{1}{4}$  inches.



Each **F2340K (NM1) X8D95**.....\$13.50

Loose. Wt. ea. 5 lbs.

**DEHORNERS****SEYMOUR**

**Compound Lever  
Large Size**

For cutting horns of cattle of all ages, from calf to old bull. Does not crush the horn but cuts it all around as handles are closed. Blades do not interlock or cut into each other, and can be easily removed and resharpened when necessary.

Malleable iron frame and handles, bronze green finish. Steel V-shaped blades painted red. Horn opening  $3\frac{5}{8} \times 4$  inches. Handles 25 inches long. Length over all 36 inches.

Each **FX-1-K X11D85**.....\$17.95  
Loose. Wt. ea. 15 lbs.

**EXTRA BLADES****For No. 1 Dehorner Stationary**

Each **✚F2401K (2UB) X1D40**.....\$2.15

**Movable**

✚F2400K (1LB) X1D40.....2.15  
Loose. Wt. ea. 10 ozs.

**HORN WEIGHTS****DURBIN-DUROC**

Properly shapes horns, which adds greatly to the value of stock. Plain cast iron construction with two set screws. Nicely finished.

| Per Pair            |   | Wt. per Pr., lbs. | Age Stock, Months | Size Opening, in. | Per Pair |
|---------------------|---|-------------------|-------------------|-------------------|----------|
| <b>L3894K D7C2</b>  | 1 | $(\frac{1}{2})$   | Up to 6           | 1                 | \$1.10   |
| <b>L3895K D8C5★</b> | 2 | $(1)$             | 6 to 12           | $1\frac{1}{8}$    | 1.30     |
| <b>L3896K X1D00</b> | 3 | $1\frac{1}{2}$    | 6 to 12           | $1\frac{1}{8}$    | 1.50     |
| Loose               |   |                   |                   |                   |          |

**CATTLE LEADERS**

Easily and quickly put on and taken off. Spring prevents leader from unlocking.

Cast iron, bright finish, with steel wire spring and iron rivet at joint. Malleable collar.

Diameter bow 3 inches, length over all  $5\frac{1}{4}$  inches.

Each **L3907K (200) D5C0★**.....\$0.75  
Lots of 12 **D4C8★**

Twelve in box. Wt. box  $5\frac{1}{4}$  lbs.

**DR. SPENCERS**

Malleable iron, aluminum finish. Holes and hook on handles for inserting rope to use as a nose twitch. Sturdily built.

Diameter of bow 3 inches. Opening of tong  $1\frac{1}{2}$  inches. Length over all  $8\frac{1}{4}$  inches.

Each **L3908K (SL) X1D05**.....\$1.59  
Lots of 12 **D9C8**

Twelve in ctn. Wt. ctn. 14 lbs.

**BULL RINGS****Self-Piercing**

This ring is self-piercing and does the work in one operation. Saves time, lessens danger to operator and pain to animal.

Copper,  $\frac{5}{16}$ -inch diameter with rive t joint and set screw fastening, steel wire screw driver with each ring, diameter  $2\frac{1}{2}$  inches.

Each **L3910K (72) D4C5★**.....\$0.65  
Lots of 12 **D4C3★**

Twelve in box. Wt. box  $2\frac{1}{2}$  lbs.

**Extra Heavy  
Self-Piercing**

Copper,  $\frac{3}{8}$ -inch diameter, with heavy set screw at joint. Complete with steel wire screw driver, diameter 3 inches.

Each **L3909K (53) D6C5★**.....\$0.89  
Lots of 12 **D6C0★**

Twelve in box. Wt. box 4 lbs.

Items marked ✚ not carried in stock. Can only be furnished by shipping direct from factory, F.O.B. Seymour, Ind. N. F. A.

STAR ★ DENOTES BEST SELLER

## ANTI-COW KICKERS



DURBIN-DURCO, Inc.

The flat metal hooks connected by chain fit over tendons or cords of cows' hind legs and effectively stop kicking and side stepping. Makes it safe to milk the most troublesome cow. Saves time and effort of milker. Protects milk pail. Easy to adjust and cannot slip or become unlocked until released.

Galvanized weldless pattern No. 1/0 chain with flat steel hooks. Tail can be fastened under one hook. Hooks painted green.

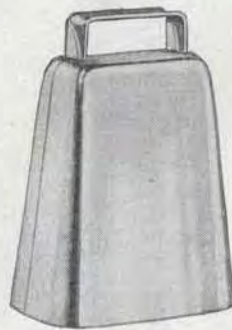
Each ..... Each  
0-210-K D4C4.....\$0.69

Lots of 6 D4C2

Six in ctn. Wt. ctn. 6 lbs.

## COW BELLS

BEVIN KENTUCKY



Produces a dull tonal quality that can be heard at great distance. Steel bell, coppered finish and lacquered. Loop and eye that holds clapper is one piece construction. Electrically welded to give a clean smooth surface.

| Each   |        | Size,<br>ins.                           | Height,<br>Including<br>Loop,<br>ins. | Wt.<br>Ctn.,<br>lbs. | Each   |
|--------|--------|-----------------------------------------|---------------------------------------|----------------------|--------|
| F2020K | D3C6   | 2 $\frac{3}{8}$ x1 $\frac{3}{4}$<br>(7) | 2 $\frac{7}{8}$                       | $\frac{1}{4}$        | \$0.55 |
| F2019K | D4C8★  | 2 $\frac{5}{8}$ x1 $\frac{7}{8}$<br>(6) | 3 $\frac{3}{8}$                       | $\frac{5}{16}$       | .70    |
| F2018K | D5C8   | 3 $\frac{1}{4}$ x2 $\frac{1}{8}$<br>(5) | 4                                     | $\frac{5}{8}$        | .89    |
| F2017K | D6C6★  | 3 $\frac{5}{8}$ x2 $\frac{1}{4}$<br>(4) | 4 $\frac{1}{2}$                       | $\frac{3}{4}$        | 1.00   |
| F2016K | D7C4★  | 4 $\frac{1}{2}$ x2 $\frac{3}{4}$<br>(3) | 5 $\frac{1}{8}$                       | $\frac{7}{8}$        | 1.10   |
| F2015K | D8C9   | 4 $\frac{3}{4}$ x3<br>(2)               | 5 $\frac{3}{4}$                       | 1 $\frac{1}{4}$      | 1.35   |
| F2011K | X1D05★ | 5 $\frac{1}{2}$ x3 $\frac{1}{4}$<br>(1) | 6 $\frac{7}{8}$                       | 1 $\frac{3}{4}$      | 1.59   |
| F2010K | X1D14  | 6x3 $\frac{1}{2}$<br>(0)<br>Loose       | 7 $\frac{3}{8}$                       | 1 $\frac{7}{8}$      | 1.70   |

## SHEEP BELLS



Cow Bell Pattern

Stamped steel. Copper plated. Size, 1 $\frac{1}{2}$ x2 $\frac{1}{8}$  inches. Malleable iron loop.

Each ..... Each  
F2028K (OTK) D2C4★.....\$0.35  
Lots of 12 D2C3★

Twelve in box. Wt. box 2 $\frac{1}{2}$  lbs.

## TURKEY BELLS

BEVIN



Rectangular Pattern

Wrought steel, copper plated. Size 1 $\frac{1}{6}$ x1 $\frac{1}{6}$  inches.

Good grade  $\frac{1}{2}$ x7 inch leather strap and buckle.

Each ..... Each

F2030K (5TB) D1C9.....\$0.29

Lots of 12 D1C8

Twelve in box. Wt. box 1 $\frac{1}{2}$  lbs.

## HAND BELLS

BEVIN



High quality cast brass, finely polished. Rubberoid handle secured to bowl with steel wire bolt. Cast tongue with steel wire hanger.

| Each        | Diam.                        | 2 $\frac{5}{8}$ inches | Ht. in. | No. in Pkg.     | Wt. lbs.        | Each   |
|-------------|------------------------------|------------------------|---------|-----------------|-----------------|--------|
| F2102K (2B) | D8C0★                        |                        | 5       | 6               | 2 $\frac{1}{4}$ | \$1.25 |
| Lots of 6   | D7C6★                        |                        |         |                 |                 |        |
| F2103K (4B) | Diam. 3 $\frac{3}{8}$ inches |                        |         |                 |                 |        |
| Lots of 6   | X1D15                        | 6 $\frac{1}{8}$        | 6       | 3               | 1.89            |        |
|             | X1D08                        |                        |         |                 |                 |        |
| F2107K (6B) | Diam. 4 inches               |                        |         |                 |                 |        |
| Lots of 4   | X1D75                        | 6 $\frac{7}{8}$        | 4       | 3 $\frac{1}{8}$ | 2.79            |        |
|             | X1D67                        |                        |         |                 |                 |        |
| F2108K (8B) | Diam. 5 inches               |                        |         |                 |                 |        |
|             | X2D60                        | 8                      | 1       | 1 $\frac{1}{4}$ | 3.95            |        |

## SHAW PERFECTED



Animal can eat grass and drink, but when head is raised the muzzle drops over the mouth and effectively prevents sucking.

Tinned steel wire basket shape muzzle, frame and loops No. 9 gauge, mesh wires No. 16 gauge.

Complete with web overhead and throat straps with adjustable buckles.

| Each                                      |        | Suitable<br>for | Size<br>Basket,<br>ins. | Shipping Wt.<br>Ctn., lbs. | Each   |
|-------------------------------------------|--------|-----------------|-------------------------|----------------------------|--------|
|                                           |        | (SW1)           |                         |                            |        |
| K4106K                                    | D9C5   | Small Calf      | 5x7x6                   | 9                          | \$1.45 |
| KX4106K                                   | D9D0   | —(Case lots 12) |                         |                            |        |
|                                           |        | (SW2)           |                         |                            |        |
| K4109K                                    | X1D05★ | Yearlings       | 5x8x6                   | 10½                        | 1.59   |
| KX4109K                                   | X1D00★ | —(Case lots 12) |                         |                            |        |
|                                           |        | (SW3)           |                         |                            |        |
| K4110K                                    | X1D35  | Cows            | 6x7x6                   | 24                         | 2.00   |
| KX4110K                                   | X1D25  | —(Case lots 24) |                         |                            |        |
| Nos. SW1 and SW2, twelve in shipping ctn. |        |                 |                         |                            |        |
| No. SW3, 24 in shipping ctn.              |        |                 |                         |                            |        |

## NU-WAY



Designed to a new humane principle. Jabs the animal doing the sucking and trains it against doing something it should not do. Does not expose stock to injury like old-fashioned weaners, but permits eating and drinking without hinderance.

Heavy 20 gauge steel hood and guides, green enameled finish. Jabber points and shanks best clock-spring steel, securely riveted to hood. Fitted with No. 12 steel jack chain adjustable halter, with snap and protective chain piping.

| Each   | For   | Size, ins. | No. in ctn. | Wt. ctn. lbs. | Each   |
|--------|-------|------------|-------------|---------------|--------|
|        | (1KU) |            |             |               |        |
| K4107K | D7C0★ | Calves     | 6½x6        | 60 60         | \$1.05 |
|        | (2KU) |            |             |               |        |
| K4108K | X1D15 | Cows       | 8¾x9¼       | 24 48         | 1.75   |

## WEANERS



Fuller Pattern Without Bit

Tinned malleable iron. Hinged joint. Ball tipped nose ring. Held securely in place by cotter pin fastening.

| Each          | Suitable For | Size Ring, ins. | Wt. Ctn. lbs. | Each   |
|---------------|--------------|-----------------|---------------|--------|
|               | (F1)         |                 |               |        |
| K4102K        | D3C5         | Small Calves    | ¾x1½ 1¾       | \$0.50 |
| Lots of 12    | D3C3         |                 |               |        |
|               | (F2)         |                 |               |        |
| K4103K        | D4C5★        | Yearlings       | ¾x1½ 2½       | .70    |
| Lots of 12    | D4D3★        |                 |               |        |
|               | (F3)         |                 |               |        |
| K4104K        | D6C5         | Cows            | 1½x2¼ 4½      | .95    |
| Lots of 12    | D6C2         |                 |               |        |
| Twelve in box |              |                 |               |        |

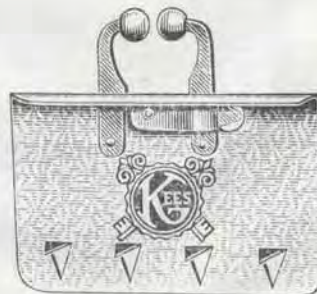
## SO-BOSS



Calves eat and drink freely. Spurs and arch over nose are stamped from one piece of galvanized steel, one piece galvanized steel chain with snap. Entire assembly is adjustable to any size calf, or may be used on full grown cows.

| Each                         | (SB) | D4C0               | Each   |
|------------------------------|------|--------------------|--------|
| K4111K                       | (SB) | D3C8—(Case lots 6) | \$0.60 |
| KK4111K                      |      |                    |        |
| Six in ctn. Wt. ctn. 5½ lbs. |      |                    |        |

## KEES

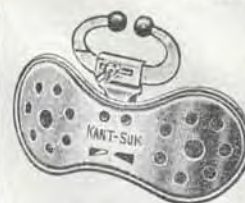


Allows calf to eat and drink without difficulty. Easily attached and removed. Heavy galvanized sheet steel shield with stamped steel.

Has four sharp prongs which can be flattened down if desired.

| Each                       | Size, ins. | Wt. ctn. lbs. | Each      |
|----------------------------|------------|---------------|-----------|
|                            | (525)      |               |           |
| K4117K                     | D1C8½      | Small 3x4¾    | 32 \$0.30 |
| Lots of 12                 | D1C7½      |               |           |
|                            | (626)      |               |           |
| K4118K                     | D2C4★      | Large 3¾x5½   | 42 .35    |
| Lots of 12                 | D2C3★      |               |           |
| Twelve in box. 144 in ctn. |            |               |           |

## KANT-SUK



Guard hangs on a hinge and allows eating or drinking without difficulty. Easily attached.

Durable steel guard with prods, designed to conform to the shape of the mouth. Steel hinged joint. Red

plastic ball tipped nose ring with wing nut and lock washer fastening. Bright plated rust resistant finish.

|                |                     |                 |               |        |
|----------------|---------------------|-----------------|---------------|--------|
| tant finish.   |                     |                 | Wt.           |        |
| Each           |                     | Suitable<br>for | ctn.,<br>lbs. | Each   |
| K4112K         | D4C6 (KS3)          | Small Calves    | 4½            | \$0.70 |
| KX4112K        | D4C4—(Case lots 12) |                 |               |        |
| K4113K         | D5C2 (KS4)          | Yearlings       | 5½            | .80    |
| KX4113K        | D5C0—(Case lots 12) |                 |               |        |
| K4114K         | D5C6 (KS5)          | Cows            | 6½            | .90    |
| KX4114K        | D5C4—(Case lots 12) |                 |               |        |
| Twelve in ctn. |                     |                 |               |        |

## CROWN Ring Type



Very effective and will not cause lacerations. Will not come off. Easily applied with out piercing tools.

Aluminum ring with stainless steel guard and prongs. Rivet joint and screw fastening. Complete with screw driver.

| Each                    | For   | Diam. ins. | Wt. lbs. | ctn. lbs. | Each   |
|-------------------------|-------|------------|----------|-----------|--------|
|                         | (80W) |            |          |           |        |
| K4115K                  | D4C5  | Calves     | 2½       | 18        | \$0.60 |
| Lots of 144             | D4C2  |            |          |           |        |
|                         | (90W) |            |          |           |        |
| K4116K                  | D4C7  | Cows       | 3        | 24        | .70    |
| Lots of 144             | D4C4  |            |          |           |        |
| One in box. 144 in ctn. |       |            |          |           |        |

## ANIMAL POKES

## SIMS

## Adjustable

## Saves the Fence with Less Expense

Two piece rugged ¾x¾ inch steel. Two rigid steel 3 joint spears fastened with bolts and nuts. Felt padded yoke. Hinged at center with nuts and bolts. Baked green enamel finish with red spears. Adjustable from 14 to 16 inches. Length over all from 32 to 35 inches.

| Each                         | Each   |
|------------------------------|--------|
| 4-2-K                        | X1D40★ |
| Six in ctn. Wt. ctn. 18 lbs. |        |
|                              | \$2.10 |

## Non-Adjustable

An effective guard which will prevent animal from going either through or under the fence. Will not interfere with animal when drinking, eating, grazing or lying down.

Made of ¾ inch round steel. Smoothly finished and painted black, two-piece construction—one side joined hook links and the other by hook with cotter pin and washer for easy opening. Two prongs on extreme ends and four prods in center. Neck opening 14x6½ inches. Length over all 35 inches.

| Each                         | Each   |
|------------------------------|--------|
| 4-35S-K                      | X1D10  |
| Six in bdl. Wt. bdl. 21 lbs. |        |
|                              | \$1.65 |

## STARLINE BARN EQUIPMENT

Saves time, labor and feed. Adds comfort and safety for farm animals, resulting in increased production and satisfaction. Dependable and easy to install.

## STANDARD PIPE ARMS

For Unit Stalls

Drilled



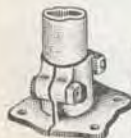
Full weight. Welded of uniform 14/1000 high carbon steel. Non-rusting. Gray enamel finish.

| Each        | Size, ins. | For Stalls         | Each   |
|-------------|------------|--------------------|--------|
| ✦65/4 1/2-K | D4C7       | 4 1/4 3 ft., 4 in. | \$0.67 |
| ✦65/6 1/4-K | D4C7       | 6 1/4 3 ft., 8 in. | .67    |
| ✦65/8 1/4-K | D4C7       | 8 1/4 4 ft.        | .67    |

Weight each 1/2 lb.

Loose

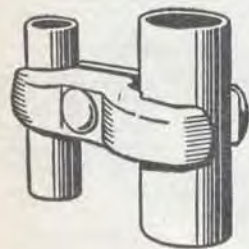
## SPLIT FLANGES



For making connection with regular stall arm when a row of stall ends at wood post or partition. Can be used on any pipe or tubing 1 1/8 inches diameter.

| Each   | Each                |
|--------|---------------------|
| ✦719-K | D8C3                |
| Loose  | Wt. each 1 1/4 lbs. |

## MILKING MACHINE PIPE LINE CLAMPS



For fastening 3/4 inch or 1 inch I. D. milk lines to either 1 1/4 inch pipe (1 1/8 inch O. D.) or 1 1/2 x 1 1/2 inch square tubing.

| Each    | Each             |
|---------|------------------|
| 4-763-K | D4C4             |
| Loose   | Wt. each 3/4 lb. |

## T CLAMPS WITH BOLTS



Used in pairs to connect outer end of stall arm to stall partition or to 1 1/8 inch vertical post at end of row.

| Per Pair | Per Pair           |
|----------|--------------------|
| ✦NA67-K  | D5C1               |
| Loose    | Wt. pair 1 1/2 lb. |

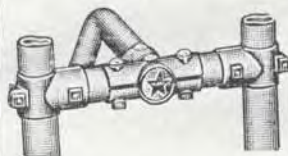
## T CLAMPS WITH BOLTS



Used in pairs to connect outer end of stall arm to stall partition or to 1 1/8 inch vertical post at end of row.

| Per Pair         | Per Pair        |
|------------------|-----------------|
| ✦S68-K           | D5C1            |
| One pair in box. | Wt. box 1/2 lb. |

## STALL ARM CLAMPS



When partition is located between two stalls, these clamps are used to fasten ends of partition to arms of adjacent walls. Complete with bolts.

| Each        | Each            |
|-------------|-----------------|
| 4-66-K      | D7C6            |
| One in box. | Wt. box 1/2 lb. |

## MILKING STOOLS



Perfectly sanitary and easy to keep clean.

Sturdy all metal construction. Triangular braced heavy channel bolted legs. Balanced for easy carrying. Chinese red enameled seat, gray enameled legs.

Height 12 inches.

| Each        | Each            |
|-------------|-----------------|
| 4-952/12-K  | X1D90           |
| Two in bdl. | Wt. bdl. 8 lbs. |

## MILK CAN LIFTERS



Saves time. Prevents accidents. Protects cans and tank. Requires only 44 inches clearance from ceiling to bottom of 8 gallon can.

Complete with double sheave locking hoist with wire grip, 24 feet of 3/8 inch rope, 6 feet No. 681 track with brackets and roller.

| Each        | Each             |
|-------------|------------------|
| 4-417S-K    | X12D50           |
| One in bdl. | Wt. bdl. 23 lbs. |

## MILK CAN LIFTER TRACK STRAIGHT TRACK

Extra 3-foot length of track with one bracket and lugs.

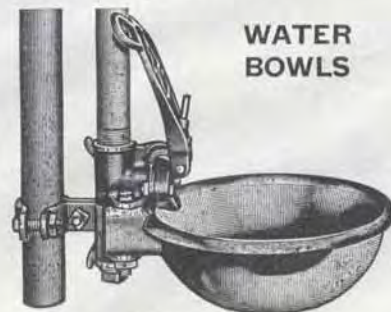
| Each        | Each            |
|-------------|-----------------|
| ✦517-K      | X2D50           |
| One in pkg. | Wt. pkg. 7 lbs. |

## TRACK CURVE

Ceiling curve for cannon ball track, bent on 12-inch radius.

| Each        | Each            |
|-------------|-----------------|
| ✦617-K      | X4D35           |
| One in pkg. | Wt. pkg. 5 lbs. |

## WATER BOWLS



## Automatic

Keeps fresh water before the cow at all times. Works under any pressure. Tested under 70 lbs. pressure. Easy to keep clean.

Hot galvanized pressed steel bowl. Slanting valve lever. Non-corrosive brass valves. Pressure regulator. Standard 1 inch pipe attaches from above or below. Gray enamel finish on working parts. Complete with clamp for attaching. Easy to install. Diameter 10 inches. Depth 4 1/2 inches.

| Each      | Each             |
|-----------|------------------|
| 4-1000W-K | X6D00            |
| Loose     | Wt. each 10 lbs. |

## STARLINE BARN EQUIPMENT

Saves time, labor and feed. Adds comfort and safety for farm animals, resulting in increased production and satisfaction. Dependable and easy to install

### WASH TANKS

Heavy 22 gauge galvanized steel. Taper top. Sloping sides narrow to 16 inches at top. Taper top turns water back. Rounded bottom. Sturdy braced and bolted legs.



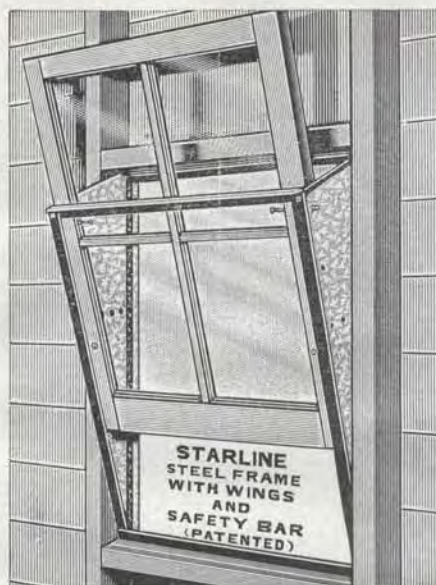
#### ONE COMPARTMENT

Capacity 32 Gallons

Outside measurements 19x32 inches. Height 36 inches. Depth 15 inches.

Each  
4-TA11-K X17D50.....\$25.00

One ctn. and one bundle. Wt. each 42 lbs.



### STEEL FRAMES

For 9x12 Inch Sash

Easily installed in any standard sash. No rattling or slamming. S ring bolt locks snap into position and hold sash firmly, open or shut. Safety bar ties wing tips to prevent spreading and letting sash drop. Holds sash in any position.

Sturdy zinc-grip construction. With ventilating wings, safety bars and spring bolt locks.

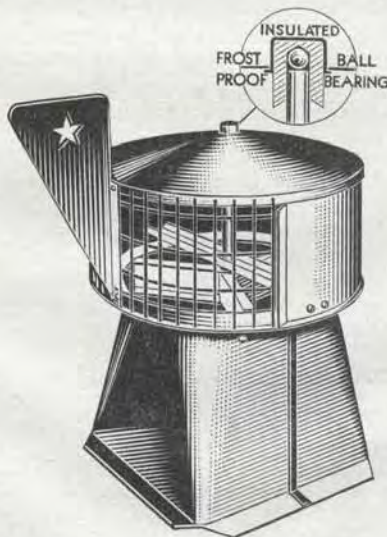
For use with sash 1 1/8 or 1 3/8 inches thick.

| Each     | No. Lights | Size, ins. | Wt. ctn., lbs. | Each   |
|----------|------------|------------|----------------|--------|
| 4-1361-K | X3D50      | 4 22x29    | 45             | \$4.75 |
| 4-1362-K | X4D00      | 6 31x29    | 50             | 5.50   |

Six in ctn.

### VENTILATORS

Zeph-R Vent



Works in any weather. Revolving head is as sensitive as weather vane.

Strong cylindrical head is light weight and requires no counterbalance. No corners to catch air and reduce effectiveness of vane or tail. Ball bearing mounted head is friction free. Frost-proof insulated bearing has been tested in temperatures as low as 110 degrees below zero. No down drafts and it keeps back rain and snow.

Galvanized throughout. Three channel steel spokes for extra strength to base and mast. Lower brass guide bearing is carried by an air deflecting spreader which maintains cylindrical shape of head.

Easy to install—plenty of material in base for mounting on any shape or pitch of roof including generous allowance for flashing.

#### Specifications:

Height including vane—23 3/4 inches.  
Base—12x12 inches.  
Flue diameter—12 inches.  
Head diameter—15 inches.  
Galvanized steel—26 gauge.

Each  
4-ZRH12-K X11D50.....\$16.75

One in ctn. knocked down. Wt. each 14 lbs.



### BARN SCRAPERS

Saves work in cleaning barn or garage floors.

High carbon 13 gauge steel blade riveted to heavy steel braces and handle socket. Extra quality clear waxed handle 5 feet long.

| Each    | Blade, ins.          | Wt. ctn., lbs. | Each   |
|---------|----------------------|----------------|--------|
| 4-915-K | X2D60 15 1/4 x 6 1/2 | 30             | \$3.90 |
| 4-924-K | X3D00 24 x 6 1/2     | 42             | 4.20   |

Six in bundle

**HOG RINGERS**

HILL



Will close all Hill Pattern rings.

With thumb adjusting screw. Length 6¾ inches.

Malleable iron, aluminized finish.

(HM)

Each  
**L3861K D5C1★** ..... \$0.79

Twelve in box. Wt. box 5½ lbs.

**HOG RINGS**

WM. E. PRATT

HILL PATTERN



Coppered soft steel wire. Triangular shaped when closed.

Boxes of 100 Rings

| Per Pkg.<br>(12 Boxes)     | Kind  | Wt.<br>Pkg.,<br>lbs. | Per<br>Box |
|----------------------------|-------|----------------------|------------|
| <b>L3865K X1D60 (PHP1)</b> | Pig   | 4½                   | \$0.20     |
| <b>L3866K X1D60 (PHS2)</b> | Shoat | 5½                   | .20        |
| <b>L3867K X1D60 (PHH3)</b> | Hog   | 6¼                   | .20        |

Twelve boxes in pkg. Twelve pkgs. in ctn.

STEWART

HILL PATTERN

Boxes of 100 Rings

| Per Pkg.<br>(12 Boxes)     | Kind  | Wt.<br>Pkg.,<br>lbs. | Per<br>Box |
|----------------------------|-------|----------------------|------------|
| <b>L3862K X1D60★ (HP1)</b> | Pig   | 4½                   | \$0.20     |
| <b>L3863K X1D60★ (HS2)</b> | Shoat | 5½                   | .20        |
| <b>L3864K X1D60★ (HH3)</b> | Hog   | 6¼                   | .20        |

Twelve boxes in pkg. Twelve pkgs. in ctn.

**HOG RINGERS**

STEWART



Will close all Stewart rings.

Malleable iron, aluminized finish, with adjusting screw and lock nut. Length 7 inches.

(SR)

Each  
**L3878K D5C4** ..... \$0.85

One in box. Wt. box ½ lb.

**HOG RINGS**

STEWART



When the animal lifts on a wire it slides down the snout and engages the cross piece, or in rooting comes in contact with the ground, causing temporary pain and in a short while breaks the animal of its aggravating habits.

Copper plated steel. When properly pressed together, forms a smooth, triangular shaped ring. On the front of the ring is welded, at right angles, a piece of wire same diameter as ring of sufficient length to cover the snout.

| Per Pkg.<br>(12 Boxes)   | Kind  | Quan.<br>in<br>Box | Wt.<br>Pkg.,<br>lbs. | Per<br>Box |
|--------------------------|-------|--------------------|----------------------|------------|
| <b>L3882K X2D00 (SP)</b> | Pig   | 24                 | 2¾                   | \$0.25     |
| <b>L3879K X2D00 (SS)</b> | Shoat | 20                 | 2¾                   | .25        |
| <b>L3880K X2D00 (SH)</b> | Hog   | 12                 | 2¾                   | .25        |

Twelve pkgs. in ctn.

**HOG RINGERS**

PERFECT



Will close all Perfect and Perfection hog rings. Malleable iron, cadmium finish. Length 6½ inches.

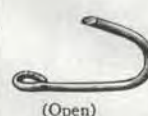
(PM)

Each  
**L3868K D5C1** ..... \$0.79

Twelve in box. Wt. box 6 lbs.

**HOG RINGS**

PERFECT



(Open)



(Closed)

Coppered soft steel wire. The joint is made on outside, preventing sore nose.

Boxes of 100 Rings

| Per Pkg.<br>(12 Boxes)   | Kind  | Wt.<br>Pkg.,<br>lbs. | Per<br>Box |
|--------------------------|-------|----------------------|------------|
| <b>L3869K X2D20 (PP)</b> | Pig   | 6¾                   | \$0.30     |
| <b>L3871K X2D20 (PS)</b> | Shoat | 7½                   | .30        |
| <b>L3870K X2D20 (PH)</b> | Hog   | 7½                   | .30        |

Twelve pkgs. in ctn.

**HOG RINGERS**

BLAIR



Will close all Blair hog rings. Malleable iron, aluminized finish. Length 6¾ inches.

(BM)

Each  
**L3835K D5C1** ..... \$0.79

Twelve in box. Wt. box 5½ lbs.

BLAIR



(Open)



(Closed)

Coppered soft steel wire.

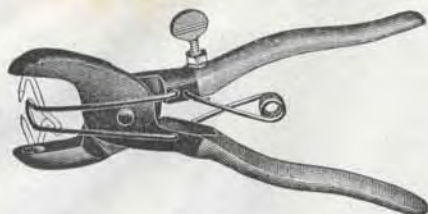
Boxes of 100 Rings

| Per Pkg.<br>(12 Boxes)   | Kind  | Wt.<br>Pkg.,<br>lbs. | Per<br>Box |
|--------------------------|-------|----------------------|------------|
| <b>L3837K X1D90 (BP)</b> | Pig   | 5                    | \$0.25     |
| <b>L3839K X1D90 (BS)</b> | Shoat | 5½                   | .25        |
| <b>L3836K X1D90 (BH)</b> | Hog   | 6¼                   | .25        |

Twelve pkgs. in ctn.

## HOG RINGERS

HUMANE



Equipped with wire stop between jaws to prevent inserting ring too far into the nostrils. Also strong spring between handles that holds ring securely in the jaws ready for use. Will fit Humane rings Nos. HU and HP. Will also close many other ordinary rings.

Malleable iron, extra heavy and strong. Attractively finished in red and black. Rust proof set screws with lock nut. Length 8 inches.

|                               |        |
|-------------------------------|--------|
| Each                          | Each   |
| <b>L3886K (HR) D5C3</b> ..... | \$0.79 |
| Six in ctn. Wt. ctn. 5 lbs.   |        |

## HOG RINGS

HUMANE

FOR HOGS



No. 9 coppered soft steel wire, for 40-lb. shoats up to large hogs.

Boxes of 25 Rings

|                                    |         |
|------------------------------------|---------|
| Per Pkg.<br>(12 Boxes)             | Per Box |
| <b>L3887K (HU) X2D92</b> .....     | \$0.35  |
| Six Pkgs. in ctn. Wt. ctn. 32 lbs. |         |

FOR PIGS

No. 11½ coppered soft steel wire, suitable for use after weaning up to 75 or 100 lbs.

Boxes of 20 Rings

|                                    |         |
|------------------------------------|---------|
| Per Pkg.<br>(12 Boxes)             | Per Box |
| <b>L3888K (HP) X2D92</b> .....     | \$0.35  |
| Six pkgs. in ctn. Wt. ctn. 23 lbs. |         |

## HOG RINGERS

DE NEUI-UTILITY



THE RINGER WITH THE SPRING  
THE SPRING HOLDS THE RING

One Ringer for All Rings

Ringing made easy. Patented spring at joint holds ring when both hands are occupied. Will close all standard rings.

Best quality malleable iron reinforced at all points. Steel thumb adjusting screw. Spring at joint. Bronze finish. Length 6¾ inches.

|                               |        |
|-------------------------------|--------|
| Each                          | Each   |
| <b>L3860K (DN) D5C1</b> ..... | \$0.80 |
| Twelve in box. Wt. box 5 lbs. |        |

## HOG HOLDERS

HOLDTITE



Has a paralyzing effect when used as a twitch for horses, mules, cows or hogs.

Insures positive control of your animal at all times, because the harder the animal pulls, the tighter Holdtite grips and STAYS, until you release with your thumb.

Barrel is of ¾-inch steel tubing. Hardened tool steel shaft and handle. Tool steel automatic brake with spring. High quality smooth spring steel cable. Finished in orange, green and black. Length over all 29 inches.

Automatic Brake

|                                    |        |
|------------------------------------|--------|
| Each                               | Each   |
| <b>L3898K (1HT) X1D75</b> .....    | \$2.65 |
| Six in bundle. Wt. bundle 13½ lbs. |        |

## EAR NOTCHERS

WIMCO



Exact Size  
of Die

Malleable iron head and handles. Sharp cutting dies. Steel coil spring between handles. Bright nickel plated finish.

Cuts notch 13/32-inch. Length over all 4 inches.

|                                 |        |
|---------------------------------|--------|
| Each                            | Each   |
| <b>L3900K (65S) X1D70</b> ..... | \$2.55 |
| One in box. Wt. box 1½ lb.      |        |

## BROODER LAMPS

DAMCO



General Utility

Excellent for brooding chicks, pigs or lambs, heat milk houses, warm cold engines, thaw pipes, dry paint.

Univesal double ball swivel—heat can be directed in any direction. Heavy duty spring clamp—clamps anywhere—no need for special hangers. Heavy duty keyless 660 watt porcelain socket with built-in strain relief. No. 16-2 vinyl jacket cord. Molded male cap. Full 15 ampere capacity. Full ventilated 8½ inch reflector. Heavy wire safety guard. 6-foot length cord.

|                                            |        |
|--------------------------------------------|--------|
| Each                                       | Each   |
| <b>K1236M (HR6S) X2D19</b> .....           | \$3.19 |
| <b>KX1236M (HR6S) X2D09</b> —(Case lots 6) |        |
| Six in ctn. Wt. ctn. 10 lbs.               |        |

**INFRA-RED BROODERS**

Listed by Underwriters' Laboratories, Inc.

**AFCO****Four-Light**

Will brood approximately 400 chickens. Steel reflector 17 inches diameter, baked enamel finish, wafer thermostat.

The thermostat is set manually and will operate according to the amount of heat that is conducted through the metal reflector or the temperature of the area in the room. The wafer expands and contracts accordingly. It is necessary for the farmer to set the thermostat after he has had an opportunity to study the behavior of the baby chicks. If the chicks stay away from the light center they are getting too much heat and the thermostat should be set to cut off the lights at a low rate of temperature. If the chickens congregate directly under the brooder that is a sign that they need more radiant energy. The Thermostat should be set accordingly.



6 foot approved cord and plug. Porcelain sockets. Two wire safety guard to protect live stock and safeguard against breakage and fire. Sturdy steel chain and hook for suspension. Completely wired ready to set up.

**Less Lamp Bulbs**

D3C5%  
Each  
7-KD134T-M X7D12.....▲ Each \$10.95

One in ctn. knocked down. Wt. ctn. 9 lbs.

**BROODER LIGHTS****MID-STATE****For Pigs, Chicks, Lambs, Etc.**

Heavy duty steel reflector, 10 inch diameter. White enameled inside to reflect more heat. Green enameled outside to prevent rust. High heat porcelain socket, all parts such as socket and cord are U. L. approved. Double wire guard, spot welded. Cannot land face down. Complete with 6 feet of 18/2SJ-U. L. round cord.

For use with 150, 200 or 300 watt medium base or type R40, 125 or 250 watt infra-red radiant heat lamps.

**Less Lamp Bulbs**

Each  
K1232M (PB10) X1D85.....Each \$2.60  
KX1232M (PB10) X1D73—(Case lots 12)

Twelve in shipping ctn. Wt. ctn. 18 lbs.

**INFRA RED  
BROODER LAMPS**  
**GENERAL ELECTRIC**

Flood type with silver reflector. Interchangeable with R-40 type lamps in existing equipment. Used alone or in combination with R-40 types they provide flexibility that permits economical adjusting to temperature conditions. Particularly effective for brooding older chicks and larger animals that require less heat. This long life lamp (over 5000 hours) can be mounted lower without getting a "hot spot."

Each R-250PS30/33-L { Price same schedule as GE large lamps Section 17—Page 19 } Each \$0.75

Sixty in ctn. Wt. ctn. 22 lbs.

**AMPLEX**

Tungsten filament lamps, especially designed to produce controlled radiant energy, best suited for Infra-red brooder reflectors. These reflector bulbs have their own pure silver reflectors hermetically sealed to remain brilliant for the life of the bulb. Red stained reflector hard glass lamps are shatter-proof, will not break if accidentally come in contact with moisture or water.

**Inside  
Silvered Reflector**

120 Volts, R40 Bulb.

Medium Screw Base.

Rated hours of life, 5000



Each  
R-AR401F-M D7C2★ 250 \$1.10  
RX-AR401F-M D6C7★—(Case lots 12)  
R-AR125-M D7C2 125 1.10  
RX-AR125-M D6C7—(Case lots 12)

Twelve in case. Wt. case 6 lbs.

**Hard Glass—  
Red Stain Reflector**

120 Volts, 250 Watts,  
R40 Bulb.

Medium Screw Base.

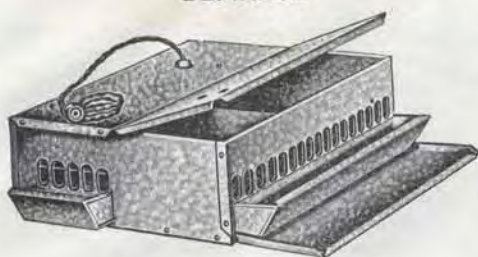


Each  
R-AR40R-M X1D95.....Each \$2.95  
RX-AR40R-M X1D85—(Case lots 12)

Twelve in case. Wt. case 6 lbs.

**ELECTRIC BROODERS**

SHAPLEIGH'S  
DEFIANCE

**Double Duty**

These brooders make it possible to raise 90 to 100% of chicks. Easily cleaned and disinfected to protect chicks against disease. Useful in the hatchery, display room or broiler plant. Capacity 50 to 75 day old chicks.

Sturdy galvanized iron construction throughout. Improved type 17 hole feeding trough in front. Five hole watering trough at side. Metal slide out dropping pan. Heater unit with porcelain socket and 6 ft. cord.

Operates on 110 to 120 volt AC and uses 50 to 75 watt bulbs

Size 23x17½x7 inches over all.

Each ..... Each  
7-D1516-K X4D89 ..... \$7.35

Three in ctn. Wt. ctn. 45 lbs.

**SOLD ONLY IN FULL CARTONS**

**BROODER  
THERMOMETERS  
CHANEY**



White baked enamel steel base with black figures and graduations, also brooding temperatures during brooding period. Flanged edges protect thermometer tube. Dura-red fluid in magnifying lens. Graduated 20 to 120 degrees above zero. Size 7x1½ inches.

Each ..... Each  
L1166H (12) D3C3 ..... \$0.50  
One in box. Wt. box 1 oz.

**CHANEY**

Serves as a replacement unit on all types of brooder equipment. Plastic base. Incorporates spirit tube accuracy with the durability of plastic. Rustproof. Can be used either in the brooder or as a wall thermometer in the brooder house. Scale is printed with plastic base ink, cannot come off. Complete with Universal clips. Size 7½x11½x¼ in.

Graduated 10 below to 120 degrees above zero.

Each ..... Each  
L1209H (450) D4C0★ ..... \$0.60  
One in box. Wt. box 2½ ozs.

**BROODER WAFERS****UNIVERSAL**

A standardized wafer, made of especially dense rolled brass, stiffened and rendered more elastic by circular corrugations. It is accurate, positive and dependable.



Used with sleeve for thread connection to 1½-inch bolt or stud.

Used without sleeve, 10/32-inch threaded stud.

**Double disc. Diameter 3 inches.**

**For Gas, Electric, Coal and Oil Brooders and Incubators**

**Used with sleeve for threaded connection to 1½-inch bolt or stud**, it fits the following brooders; Hudson gas and electric battery brooders, Burgess Micro-Switch Controlled Brooders, Makomb gas and electric brooders, batteries and incubators; also Makomb Anniversary and Twenty Plus Oil-O-Slat 1936 Model. Regal coal brooder, Wards oil brooders.

**For Coal Brooders and Incubators**

**Used with sleeve to make "slot-type" connection** it fits the following coal brooders: Hudson, Automatic, Belle City, Big Chief, Brower, Buckeye, Cyphers, Dandy, Eureka, Favorite, Hoeft's, Imperial, Kline, Klondike, Liberty, Marvel, Loudon, Magic, Makomb, Mankato, Master, McClanahan, McCurdy, Miller, Moe's National Newton, Oakes, Ohio, Old Trusty, Premium, Queen, Red-Hed, Reliable, Royal, Sears, Sheer, Simplicity, Successful, Torpedo, Up-to-Date, Wards, Witherspoon, also fits Makomb, Ker-O-Stat, before 1934 and Makomb, Charters, Gem and Old Trusty Incubators.

**For Oil Brooders and Incubators**

**Used without sleeve, the 10/32-inch threaded stud** fits the following oil brooders: Hudson, Belle City, Brower, Buckeye, Ideal, Jamesway, Klein, Laidlow, Loudon, Lowell, McGrew, Metalware, Miller, Moe's, National "New-air", Oakes, Perfection Automatic, Queen Royal, "Rite-Heat", Safety Hatch, Sears, Shafers, Sheer, Tweet, Utility. Also fits Makomb Oil-O-Stat prior to 1936 and 1936 Humane and Super Models.

Each ..... Each  
K4675K (33U) D4C8 ..... \$0.69  
Loose. Wt. each 4 ozs.

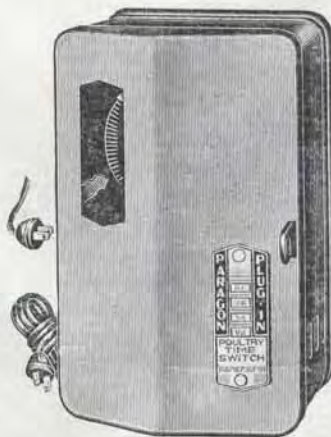
**ELECTRIC POULTRY  
HOUSE TIME SWITCHES  
PARAGON**

Leading poultry raisers recognize the value of artificial lighting in laying houses, particularly during the months of limited daylight. Controlled lighting in fall and winter stimulates laying activity in poultry.

Portable, use anywhere. Easy to connect. Just plug in to 115 volt A.C. outlet. Easy-to set for any automatic lighting schedule. Accurate, dependable genuine Telechron clock motor. Guaranteed by America's leading time switch manufacturer.

Makes possible the regularity required in poultry house lighting morning and evening. Keeps "daylight" uniform.

A dimmer circuit induces hens to roost safely before "lights out". Essential for healthy birds, good production.



Each ..... Each  
6-PIP-M X9D07 ..... \$13.95  
Lots of 6 X8D37

One in ctn. Wt. ctn. 4¼ lbs.

**STAR ★ DENOTES BEST SELLER**

## POULTRY FOUNTAIN HEATERS

SHAPLEIGH'S  
DEFIANCE



ELECTRIC

For use under any type poultry fountain.

Heavy galvanized iron with solid rolled edge on bottom. Diameter 12 inch. Equipped with 75 watt heating unit. Complete with 10 foot cord and plug.

Each  
K4718K (D112) X2D27.....\$3.45  
KX4718K (D112) X2D27—(Case lots 6)  
Six in ctn. Wt. ctn 24 lbs.



KEROSENE

A good open top heater for double wall founts. Heavy galvanized iron hinged door on side. With No. 2 Badger burner.

Each  
61-D214-K X2D40 {D35, D38, D205, D208} \$3.60  
Two in ctn. Wt. ctn. 12 lbs.

SOLD ONLY IN FULL CARTONS

## REVOLVING CAPS

SHAPLEIGH'S  
DEFIANCE



For Use with  
Brooder Stoves

Revolves with the slightest change in wind direction. Prevents faulty brooder operation due to back drafts. Will fit on any 5-inch stove pipe saddle. Made from heavy galvanized iron.

Each  
61-D116-K D6C5.....\$0.98  
Six in ctn. Wt. ctn. 16 lbs.

SOLD ONLY IN FULL CARTONS

## POULTRY FOUNTAINS

SHAPLEIGH'S  
DEFIANCE



Made from 26 gauge galvanized iron. All seams hand soldered. Double wall. Cone top with handle, prevents roosting and permits easy removal of outside body. Bottom pan with wide lip adds strength and prevents spilling water.

| Each            | Cap. Gal. | No. in Ctn. | Wt. lbs. | Each   |
|-----------------|-----------|-------------|----------|--------|
| 61-D23-K X2D40★ | 3         | 3           | 22       | \$3.60 |
| 61-D25-K X3D00  | 5         | 2           | 20       | 4.50   |
| 61-D28-K X4D20  | 8         | 1           | 24       | 6.30   |

Sold Only in Full Cartons

SHAPLEIGH'S  
DEFIANCE



No. D30



No. D34

Made from heavy galvanized steel sheets in two pieces. Cone top. Special deep narrow pan for chicks. To fill, pull top off base and turn can upside down and fill. Fount may be carried right side up when filled without spilling.

| Each           | Cap. Gals. | Wt. lbs. | No. in Ctn. | Each   |
|----------------|------------|----------|-------------|--------|
| 61-D30-K D8C5★ | 1          | 11       | 6           | \$1.35 |
| 61-D34-K X1D00 | 2          | 19       | 6           | 1.50   |



These founts are similar in construction to No. D202 series, but are made from heavier material and the cone top feature makes them roost-proof for chicks or grown fowls.

| Each            | Cap. Gals. | No. in Ctn. | Wt. lbs. | Each   |
|-----------------|------------|-------------|----------|--------|
| 61-D22-K X1D60★ | 2          | 3           | 14½      | \$2.40 |
| 61-D33-K X2D29  | 3          | 3           | 20       | 3.50   |
| 61-D35-K X2D88  | 5          | 2           | 22       | 4.35   |

SOLD ONLY IN FULL CARTONS

STAR ★ DENOTES BEST SELLER

## BABY CHICK FEEDERS

SHAPLEIGH'S  
DEFIANCE



A round seven-hole chick feeder at a price that will enable our customers to meet competition on this type of feeder.

Made of galvanized steel sheets—in two sections—diameter 6 inches.

Top fits snugly over bottom section and is easily removed for cleaning.

Can also be used as a waterer if desired.

Each  
61-D4-K D1C2★.....\$0.19

Thirty-six in ctn. Wt. ctn. 12 lbs.

SOLD ONLY IN FULL CARTONS

## POULTRY FOUNTAINS

SHAPLEIGH'S  
DEFIANCE



These founts are made from heavy galvanized steel sheets. They are inexpensive two-piece founts, cone shaped, neatly striped with green around top. Easily filled and cleaned. Filled from bottom.

Approximate capacity 4 quarts

Each  
61-D75-K D5C2.....\$0.79

Twelve in ctn. Wt. ctn. 18 lbs.

SOLD ONLY IN FULL CARTONS

## BABY CHICK FOUNTAINS



An all-glass watering fountain for chicks, so constructed that the water level will always be one inch above the ground. Easy to keep clean and sanitary.

One piece heavy polished annealed glass. Diameter 5½ inches. Height 2¼ inches. Base for holding inverted Mason jar is sufficiently high to prevent jar tipping over.

Each  
61-6P-K D1C3★.....\$0.20

Thirty-six in ctn. Wt. ctn. 32 lbs.

SOLD ONLY IN FULL CARTONS

## FOUNTAINS AND FEEDERS SAFETY



Made from galvanized steel sheets. Fits any Mason jar. Feeds butter-milk, water, grain, grit, etc. Diameter, 6 inches. Depth, 1½ inches.

Without Jar

| Each           | Finish   | Wt. lbs. | No. in Ctn. | Each   |
|----------------|----------|----------|-------------|--------|
| 61-CF3-K D1C1★ | Plain    | 9        | 36          | \$0.16 |
| 61-JF3-K D1C2  | Blue     | 9        | 36          | .18    |
|                | Japanned |          |             |        |

SOLD ONLY IN FULL CARTONS

## POULTRY FEEDING TROUGHS

SHAPLEIGH'S  
DEFIANCE

Made of heavy galvanized iron sheets stamped in one piece. Depth  $1\frac{5}{8}$  inches. Width at bottom  $2\frac{1}{2}$  inches. Width at top  $3\frac{1}{2}$  inches. "Z" shaped one piece metal reel. Folded edge or lip at top prevents waste of feed.

| Each          | Lgth., ins. | Wt. Ctn., lbs.   | No. in Ctn. | Each   |
|---------------|-------------|------------------|-------------|--------|
| 61-D88-K D2C9 | 16          | 11 $\frac{1}{2}$ | 12          | \$0.45 |
| 61-D89-K D3C8 | 22          | 20               | 12          | .60    |

Sold Only in Full Cartons

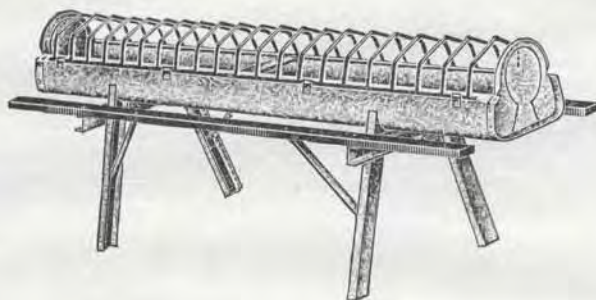


Galvanized iron body and reel. Securely clinched ends with three adjustments to regulate height of reel. Adjustable wire stand to regulate height of trough from  $\frac{1}{4}$  to 2 inches from floor. Trough is  $4\frac{1}{2}$  inches wide,  $2\frac{1}{4}$  inches deep and has a  $\frac{3}{8}$  inch lip.

| Each            | Lgth., ins. | Wt. Ctn., lbs. | Each   |
|-----------------|-------------|----------------|--------|
| 61-D336-K X1D05 | 36          | 21             | \$1.60 |
| 61-D336-K X1D25 | 48          | 27             | 1.95   |

Six in ctn.

Sold Only in Full Cartons

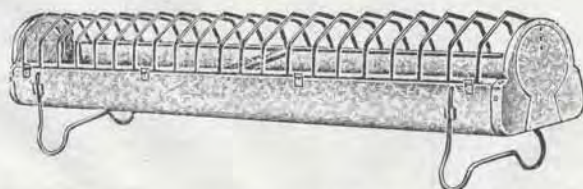


Galvanized iron pan  $9\frac{1}{2}$  inches wide, 4 inches deep. Grill made from 8 gauge wire with  $2\frac{3}{4}$  inch spacing. Galvanized iron stand with perches. Grill and perches painted red.

Length 60 inches. Height of perches from floor 14 inches.

| Each            | Gauge Pan | Gauge Stand | No. in Ctn. | Weight Ctn., lbs. | Each   |
|-----------------|-----------|-------------|-------------|-------------------|--------|
| 61-D860-K X5D50 | 26        | 18          | 2           | 44                | \$8.25 |
| 61-D865-K X5D20 | 28        | 20          | 2           | 40                | 7.85   |

Sold Only in Full Cartons



Galvanized 26 gauge iron pan, 60 inches long,  $9\frac{1}{2}$  inches wide, 4 inches deep. Four gauge galvanized wire stand. Removable ends fastened with bolts and nuts. Red trim.

Eight Gauge Wire Grill

| Each            | Each   |
|-----------------|--------|
| 61-D760-K X2D85 | \$4.25 |

Four in ctn. Wt ctn. 44 lbs.

Sold Only in Full Cartons



Made from No. 26 gauge heavy galvanized iron sheets with ends folded and spot welded. Wide lip on each side to prevent feed waste. Revolving wood reel, width 4 inches. Depth 2 inches. Height over all  $3\frac{1}{4}$  inches.

| Each           | Lgth., ins. | Wt. Ctn., lbs. | Each   |
|----------------|-------------|----------------|--------|
| 61-D300-K D6C0 | 36          | 26             | \$0.95 |

Twelve in ctn.

Sold Only in Full Cartons



Made from No. 26 gauge galvanized iron sheets. Wire hinged. Grill prevents chicks from getting into feed. Wide lip on each side to prevent waste. Width 4 inches. Depth 2 inches. Made from a one-piece stamping therefore may be used for water as well as feed.

| Each            | Lgth., ins. | Wt. Ctn., lbs.   | Each   |
|-----------------|-------------|------------------|--------|
| 61-D204-K D5C7★ | 24          | 20 $\frac{1}{2}$ | \$0.89 |
| 61-D306-K D8C4  | 36          | 60               | 1.29   |

Twelve in ctn.

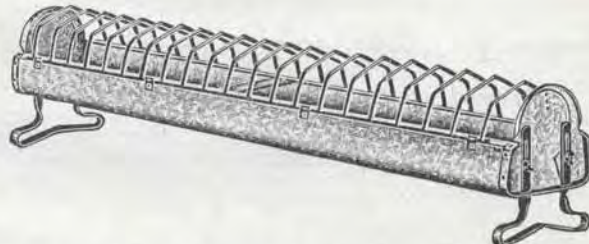
Sold Only in Full Cartons



Made from best quality prime galvanized steel. No sharp edges to injure the chicks.

| Each            | No. of Holes | Length, ins. | Wt. Ctn., lbs.  | No. in Ctn. | Each   |
|-----------------|--------------|--------------|-----------------|-------------|--------|
| 61-D212-K D2C2  | 16           | 12           | 8 $\frac{1}{4}$ | 12          | \$0.35 |
| 61-D218-K D3C1★ | 26           | 18           | 11              | 12          | .48    |
| 61-D224-K D3C8★ | 34           | 24           | 15              | 12          | .60    |

Sold Only in Full Cartons



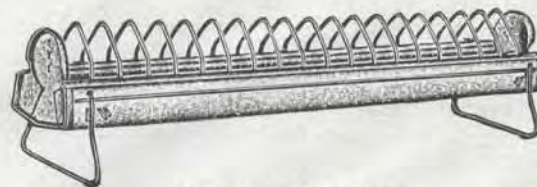
Pan made from 26 gauge galvanized iron. Eight gauge wire grill with  $2\frac{3}{4}$  inch spacing. Heavy band iron adjustable stand. Grill and stand painted red.

Length 60 inches. Width of pan  $9\frac{1}{2}$  inches, depth 4 inches.

| Each            | Each   |
|-----------------|--------|
| 61-D560-K X3D65 | \$5.69 |

Two in ctn. Wt. ctn. 26 lbs.

Sold Only in Full Cartons



Adjustable Wire Legs

26 gauge galvanized iron trough with V bottom and large feeding lip which prevents waste of feed. Spot welded hinged single wire grill having two-inch openings. Width  $6\frac{3}{4}$  inches. Depth 3 inches. For growing chicks and broilers.

| Each             | Length, inches | Weight Carton, lbs. | Each   |
|------------------|----------------|---------------------|--------|
| 61-D343-K X1D60★ | 40             | 23 $\frac{3}{8}$    | \$2.40 |
| 61-D363-K X2D25  | 60             | 35                  | 3.40   |

Four in ctn.

Sold Only in Full Cartons

STAR ★ DENOTES BEST SELLER

## POULTRY FEEDERS

## NEW DELPHOS



Can be adjusted for poultry of all ages by suspending from ceiling. Designed to feed all types of dry mash.

Made of 26 gauge galvanized iron. Cylinder tapered to avoid clogging, and allowing a free flow of feed. Pan clip riveted to feeder pan.

Diameter of cylinder at top 10 inches, at bottom 11 inches.

Diameter of pan 16 inches. Depth of pan  $3\frac{3}{4}$  inches.

## Approximate Capacity 50 Pounds of Mash

Cylinders and pans packed separately.

|                     |        |
|---------------------|--------|
| Each                | Each   |
| 61-DH9-K X2D50..... | \$3.75 |

Three in ctn. Wt. ctn. 25 lbs.

Sold Only in Full Cartons

## HAND GRAIN SCOOPS



An ideal scoop for grain and feed dealers, farmers and poultry raisers.

Made of 24 gauge galvanized steel. Hardwood handle securely fastened with bolt extending through length of handle. Sturdily constructed. Trimmed in green enamel.

| Each          | Capacity,<br>Qts. | Length,<br>ins. | Diameter,<br>ins. | Weight<br>per Ctn.,<br>lbs. | Each      |
|---------------|-------------------|-----------------|-------------------|-----------------------------|-----------|
| K4719K (22S)  | D6C7              | 2               | 10                | 5                           | 14 \$1.03 |
| KX4719K (22S) | D6C2              | —(Case lots 12) |                   |                             |           |
| K4721K (24S)  | D8C5              | 4               | 11 $\frac{1}{4}$  | 6 $\frac{1}{2}$             | 27 1.25   |
| KX4721K (24S) | D8C0              | —(Case lots 12) |                   |                             |           |

Twelve in carton

NEST EGG  
OLD FAITHFUL

Pure sterilized Sulphate of Lime. Regulation size and shape.

|                                      |        |
|--------------------------------------|--------|
| Each                                 | Each   |
| K4678K (L2) D0C3 $\frac{1}{2}$ ..... | \$0.05 |
| KX4678K (L2) D0C3—(Case lots 144)    |        |

144 in case. Wt. case 18 lbs

## Opal Glass

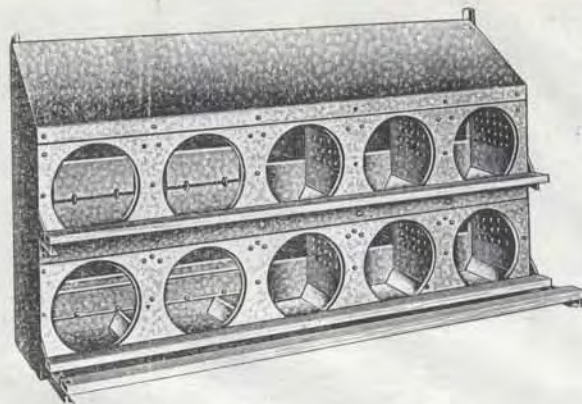
|                                                   |              |
|---------------------------------------------------|--------------|
| Each                                              | Each         |
| K4676K (G1) D0C3 $\frac{3}{4}$ ★.....             | 2 for \$0.15 |
| KX4676K (G1) D0C3 $\frac{3}{4}$ ★—(Case lots 144) |              |

144 in ctn. Wt. ctn. 8 $\frac{1}{4}$  lbs.

STAR ★ DENOTES BEST SELLER

## METAL NESTS

## SHAPLEIGH'S DEFIANCE



Made of 26 gauge galvanized iron throughout. 9 $\frac{1}{2}$  inch round hole openings. Double perch at bottom and single at top. Without backs for easy cleaning. Special shape lift out bottom. Ample ventilation. Strongly built for long wear.

| Each            | Number<br>Sections | Size<br>Nest, ins.      | Weight<br>Each, lbs. | Each    |
|-----------------|--------------------|-------------------------|----------------------|---------|
| 61-D55-K X12D00 | 10                 | 11 $\frac{1}{2}$ x12x14 | 53                   | \$18.00 |
| One in a carton |                    |                         |                      |         |

## LEG BANDS OR SPIRALETS



Celluloid spiral. Single fold. Assorted colors, white, black, yellow, green, pink, red and blue. Will not fade.

## Specify Color Wanted

| Per<br>String                           | Inside<br>Diam.,<br>in. | Wt.<br>String,<br>ozs. | Per<br>String        |
|-----------------------------------------|-------------------------|------------------------|----------------------|
| <b>For Anconas, Leghorns, Guineas</b>   |                         |                        |                      |
| K4652K (8)                              | D2C2                    | $\frac{5}{16}$         | $\frac{5}{8}$ \$0.35 |
| <b>For Large Leghorns, Games, Ducks</b> |                         |                        |                      |
| K4653K (9)                              | D2C4                    | $\frac{9}{16}$         | $\frac{3}{4}$ .40    |
| <b>For Rocks, Reds</b>                  |                         |                        |                      |
| K4654K (11)                             | D2C6                    | $\frac{1}{16}$         | 1 $\frac{1}{4}$ .50  |

Fifty bands of one color on a string.

SOLD ONLY IN FULL STRINGS

## HUDSON ROUND TANKS

### BLUE DIAMOND

#### Check These Hudson Features

##### Premium Steel

Selected by our engineers to be the best grade galvanized sheets available for stock tanks.

##### Sanitary

No cracks anywhere to collect bacteria. Chosen by doctors of veterinary medicine as the only sanitary type.

##### Crush-Proof Top

The rolled-in,  $\frac{1}{8}$ -inch outside diameter pipe adds years of life to the tank.

##### Double, Twin-bead Sides

Stiffens and reinforces tank sides—adds to appearance.

##### Four-ply Vertical Bottom Seam

Sweated full of solder—guarded against rough handling and sharp hoofs.

##### Side Seams

Stronger with double, close riveting and sweat soldering.

##### Bushing and Drain Plug

Built in every Hudson tank on side near bottom.



Reinforced, rolled-in  $\frac{1}{8}$ -inch outside diameter pipe top, four-ply bottom seam thoroughly sweat-soldered and double riveted side seams. Tanks five and six feet in diameter have two-piece bottom, 7 and 8-foot tanks have three-piece bottom. All tanks are furnished with  $\frac{3}{4}$ -inch drain and crush-proof top.

| D2C5%<br>Each | Zone 1 | Zone 2 | Zone 3 | Zone 4 |
|---------------|--------|--------|--------|--------|
| †32B-K        | X16D56 | X16D56 | X18D05 | X20D31 |
| †42B-K        | X21D96 | X21D96 | X23D94 | X26D93 |
| †52B-K        | X28D88 | X28D88 | X31D48 | X35D42 |
| †62B-K        | X35D68 | X35D68 | X38D89 | X43D75 |
| †72B-K        | X45D32 | X45D32 | X49D40 | X55D48 |
| †82B-K        | X53D96 | X53D96 | X58D82 | X66D17 |

| Dia.,<br>ft. | Hght.,<br>ft. | Cap.,<br>bbls. | App.<br>Wt. Each,<br>lbs. | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each | Zone 4<br>▲ Each |
|--------------|---------------|----------------|---------------------------|------------------|------------------|------------------|------------------|
| 3            | 2             | 3.4            | 45                        | \$22.08          | 22.08            | 24.07            | 27.08            |
| 4            | 2             | 5.6            | 65                        | 29.28            | 29.28            | 31.92            | 35.91            |
| 5            | 2             | 9.3            | 84                        | 38.51            | 38.51            | 41.97            | 47.23            |
| 6            | 2             | 13.4           | 111                       | 47.57            | 47.57            | 51.85            | 58.33            |
| 7            | 2             | 18.3           | 138                       | 60.43            | 60.43            | 65.87            | 74.11            |
| 8            | 2             | 22.9           | 163                       | 71.95            | 71.95            | 78.43            | 88.23            |



## BOTTOMLESS TANKS

### Deep Beaded Flange Anchors Tank Securely in Ground

Clay or gumbo thoroughly tamped down and puddled makes an economical water tight bottom. The double beads at the bottom keep the tank from pulling out of the ground. Concrete is sometimes preferred and may be used.

Regular tank shipped bundled in 10-foot sections with rolled in pipe top, to be assembled with special packing. Made of Hudson 20 gauge premium steel.

Bolts and packing are furnished. Freight rate is fourth class.

Heavier than  $1\frac{1}{4}$ -inch angle iron top or angle iron around bottom available at extra cost.

| D2C5%<br>Each | Zone 1  | Zone 2  | Zone 3  | Zone 4  |
|---------------|---------|---------|---------|---------|
| †163-K        | X103D96 | X103D96 | X113D32 | X127D49 |
| †203-K        | X134D20 | X134D20 | X146D28 | X164D57 |

| Dia.,<br>ft. | Hght.,<br>ft. | Cap.,<br>bbls. | App. Wt.<br>Each, lbs. | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each | Zone 4<br>▲ Each |
|--------------|---------------|----------------|------------------------|------------------|------------------|------------------|------------------|
| 16           | 3             | 95.7           | 330                    | \$138.61         | 138.61           | 151.09           | 169.98           |
| 20           | 3             | 149.5          | 396                    | 178.93           | 178.93           | 195.04           | 219.42           |

Capacities based on sides being placed one foot in ground

## FAULTLESS DRINKERS OR HOG WATERERS

### Nested For Economical Freight Shipment

Buy Hudson tanks in nests and save on freight. Nested tanks take first class rate. Tanks not nested take double first class. Any combination of tanks may be ordered provided the sizes will nest.



| Installed                    |        |        |        |        | For Tank,<br>type | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each | Zone 4<br>▲ Each |
|------------------------------|--------|--------|--------|--------|-------------------|------------------|------------------|------------------|------------------|
| D2C5%<br>Each                | Zone 1 | Zone 2 | Zone 3 | Zone 4 |                   |                  |                  |                  |                  |
| †12RE-K                      | X16D00 | X16D00 | X17D44 | X19D62 | Round end         | \$21.33          | 21.33            | 23.25            | 26.16            |
| †12R-K                       | X16D00 | X16D00 | X17D44 | X19D62 | Round             | 21.33            | 21.33            | 23.25            | 26.16            |
| Wt. each 13 lbs. One in ctn. |        |        |        |        |                   |                  |                  |                  |                  |
| Not Installed                |        |        |        |        | For Tank,<br>type | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each | Zone 4<br>▲ Each |
| †112RE-K                     | X13D00 | X13D00 | X13D00 | X13D00 | Round end         | 17.33            | 17.33            | 17.33            | 17.33            |
| †112R-K                      | X13D00 | X13D00 | X13D00 | X13D00 | Round             | 17.33            | 17.33            | 17.33            | 17.33            |
| Wt. each 15 lbs. One in ctn. |        |        |        |        |                   |                  |                  |                  |                  |

### Zone Information:

**Zone 1**—Consists of the following States: Michigan, Indiana, Ohio, West Virginia, Kentucky,

**Zone 2**—Consists of the following States: Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Connecticut, Delaware, New York, Pennsylvania, New Jersey, Maryland, Virginia, Tennessee, Arkansas, Oklahoma, Missouri, Kansas, Nebraska, South Dakota, North Dakota, Minnesota, Wisconsin, Iowa, Illinois.

**Zone 3**—Consists of the following States: North Carolina, South Carolina, Alabama, Georgia, Mississippi, Florida, Louisiana, Texas, New Mexico, Eastern Colorado, Wyoming, Montana.

**Zone 4**—Consists of the following States: Western Colorado, Arizona, Utah, Idaho, Nevada, California, Oregon, Washington.

Items marked † not carried in stock and can be furnished only by shipping from factory, all Nos. Except RE112, R112 F. O. B. Minneapolis, Minn., Kansas City, Kansas, Omaha, Nebr. and Ravenna, Ohio or Zone warehouses at Atlanta and San Francisco. Full freight allowed on 100 lb. shipments at published rail rate of freight to dealer destination on 100 lb. shipments, nested tanks and tanks with built-in 12RE, 12R (Nested or not nested). First class rail rate allowed on 100 lb. shipment. Not nested Tanks with or without drinkers—shipments less than 100 lbs. F. O. B. factory or warehouses. No. 112RE and 112R F. O. B. Kansas City, Kansas, Minneapolis, Minn., Ravenna, Ohio and Omaha, Nebraska, N. F. A.

## HUDSON ROUND END TANKS

## Check These Hudson Features

**Premium Steel**

Selected by our engineers to be the best grade galvanized sheets available for stock tanks.

**Sanitary**

No cracks anywhere to collect bacteria. Chosen by Doctors of Veterinary Medicine as the only sanitary type.

**Crush-Proof Top**

The rolled-in  $\frac{1}{8}$  inch O. D. pipe adds years of life to the tank.

**Double, Twin-Bead Sides**

Stiffens and reinforces tank sides—adds to appearance.

**Four-Ply Vertical Bottom Seam**

Sweated full of solder—guarded against rough handling and sharp hoofs.

**Side Seams**

16% to 20% stronger with double, close riveting and sweat soldering.

**"X" Type Cross Braces**

Patented and with 1 inch angle steel top brace on larger models.

**Bushing and Drain Plug**

Built in every Hudson tank on side near bottom.

## BLUE DIAMOND

**Won't Cave In—Won't Bulge—Won't Leak**

One or more sets of braces are used, depending on the size of the tank. Larger tanks furnished with Hudson exclusive patented cross-bracing construction. 1 inch reinforcement is bolted to the outside wall and is fastened securely to inside cross-braces. This prevents any bulging and side strain on the tank seam.

Buy Hudson tanks in nests and save on freight. Nested tanks take first-class rate. Tanks not nested take double first-class. When you order nested tanks you have a size to fit the requirements of every customer. A complete stock of assorted sizes helps make the sales that might otherwise be lost. Be sure you have what they want—and can deliver right on the spot. Any combination of tanks may be ordered, provided the sizes will nest. Some 2 foot and  $2\frac{1}{2}$  foot wide tanks may be ordered in nesting sizes so that two tanks of the same size or width may be nested.

| D2C5%<br>Each | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Width<br>feet  | Height<br>feet | Length<br>feet | Capacity<br>Barrels | App.<br>Wt., lbs. | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each | Zone 4<br>▲ Each |
|---------------|--------|--------|--------|--------|----------------|----------------|----------------|---------------------|-------------------|------------------|------------------|------------------|------------------|
| †224B-K       | X14D80 | X15D48 | X16D87 | X18D98 | 2              | 2              | 4              | 3.4                 | 49                | \$19.73          | 20.64            | 22.49            | 25.31            |
| †225B-K       | X18D40 | X19D20 | X20D93 | X23D55 | 2              | 2              | 5              | 4.3                 | 59                | 24.53            | 25.60            | 27.91            | 31.40            |
| †226B-K       | X21D70 | X22D80 | X24D85 | X27D96 | 2              | 2              | 6              | 5.3                 | 72                | 28.93            | 30.40            | 33.13            | 37.28            |
| †2526B-K      | X24D60 | X25D80 | X28D12 | X31D64 | $2\frac{1}{2}$ | 2              | 6              | 6.5                 | 75                | 32.80            | 34.40            | 37.49            | 42.19            |
| †2527B-K      | X27D40 | X28D60 | X31D18 | X35D08 | $2\frac{1}{2}$ | 2              | 7              | 7.7                 | 91                | 36.53            | 38.13            | 41.57            | 46.77            |
| †2528B-K      | X30D80 | X31D60 | X34D45 | X38D76 | $2\frac{1}{2}$ | 2              | 8              | 8.9                 | 99                | 41.07            | 42.13            | 45.93            | 51.68            |
| †328B-K       | X32D84 | X34D40 | X37D50 | X42D19 | 3              | 2              | 8              | 10.5                | 107               | 43.79            | 45.87            | 50.00            | 56.25            |
| †3210B-K      | X42D60 | X44D40 | X48D40 | X54D45 | 3              | 2              | 10             | 13.3                | 138               | 56.80            | 59.20            | 64.53            | 72.60            |



## SHALLOW PATTERN

## BLUE DIAMOND

Desirable for watering small stock, and makes an ideal horse watering tank. Hudson premium steel,  $\frac{3}{4}$  inch bushing and drain plug.

| D2C5%<br>Each | Zone 1 | Zone 2 | Zone 3 | Zone 4 | Width<br>feet  | Height<br>feet | Length<br>feet | Cap.<br>Barrels | App.<br>Wt., lbs. | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each | Zone 4<br>▲ Each |
|---------------|--------|--------|--------|--------|----------------|----------------|----------------|-----------------|-------------------|------------------|------------------|------------------|------------------|
| †1514B-K      | X13D36 | X13D90 | X15D15 | X17D04 | $1\frac{1}{2}$ | 1              | 4              | 1.3             | 37                | \$17.81          | 18.53            | 20.20            | 22.72            |
| †215B-K       | X15D96 | X16D80 | X18D31 | X20D60 | 2              | 1              | 5              | 2.2             | 49                | 21.28            | 22.40            | 24.41            | 27.47            |
| †216B-K       | X18D62 | X19D60 | X21D37 | X24D04 | 2              | 1              | 6              | 2.6             | 62                | 24.83            | 26.13            | 28.49            | 32.05            |
| †2156B-K      | X21D64 | X22D80 | X24D85 | X27D96 | 2              | $1\frac{1}{2}$ | 6              | 4               | 70                | 28.85            | 30.40            | 33.13            | 37.28            |

**Zone Information:**

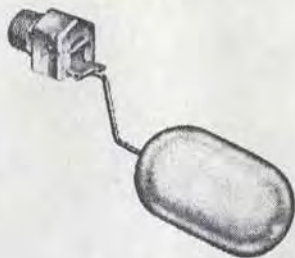
**Zone 1**—Consists of the following States: Michigan, Indiana, Ohio, West Virginia, Kentucky.

**Zone 2**—Consists of the following States: Maine, Vermont, New Hampshire, Massachusetts, Rhode Island, Connecticut, Delaware, New York, Pennsylvania, New Jersey, Maryland, Virginia, Tennessee, Arkansas, Oklahoma, Missouri, Kansas, Nebraska, South Dakota, North Dakota, Minnesota, Wisconsin, Iowa, Illinois.

**Zone 3**—Consists of the following States: North Carolina, South Carolina, Alabama, Georgia, Mississippi, Florida, Louisiana, Texas, New Mexico, Eastern Colorado, Wyoming, Montana.

**Zone 4**—Consists of the following States: Western Colorado, Arizona, Utah, Idaho, Nevada, California, Oregon, Washington.

Items marked † not carried in stock and can be furnished only by shipping from factory, Minneapolis, Minn., Kansas City, Kansas, Omaha, Nebr. and Ravenna, Ohio or Zone warehouses at Atlanta and San Francisco. Full freight allowed on 100 lb. shipments at published rail rate of freight to dealer destination on 100 lb. shipments, nested tanks and tanks with built-in RE12, R12's (nested or not nested). First class rail rate allowed on 100 lb. shipments. Not nested tanks with or without drinkers—shipments less than 100 lbs. F. O. B. factory or warehouse.

**FLOAT VALVES****BROWER****Automatic**

All brass, one piece die forging. Practically unbreakable. Freezing cannot crack it. No welded parts to break loose.

Double action—valve opens when more water is needed, closes when water reaches desired depth. Non-spray nozzle. Easily adjustable.

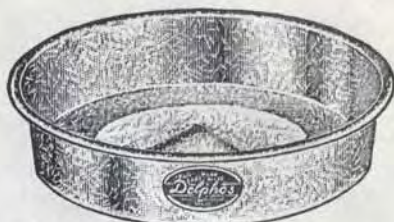
Arm is notched for instant adjustment to any size trough or water level. For pressure or gravity systems. Valve is self cleaning. Starter control—water flows as soon as starter is engaged.

Fits  $\frac{1}{4}$  in. pipe

(456)

Each *X 1-D 80*  
**K4659K** ~~1.25~~..... Each ~~1.25~~

One in box, with directions. Wt. box  $\frac{3}{8}$  lb. *2.75*

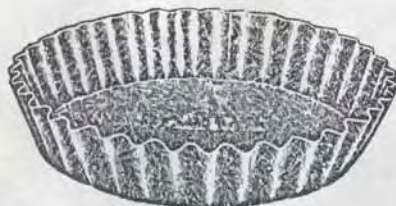
**UTILITY PANS****DELPHOS**

Seamless, one piece, die stamped 26 gauge galvanized steel. Inside diameter at top 16 inches. Inside diameter at bottom  $15\frac{1}{4}$  in. Outside diameter including flange  $17\frac{3}{4}$  inches. Depth  $3\frac{3}{4}$  inches.

**Capacity 12 Quarts**

Each ..... Each  
**0-D8-K D7C5**..... **\$1.25**

Twelve in bundle. Wt. bundle 32 lbs.

**UTILITY PANS****DELPHOS****Seamless; Galvanized**

A strong durable pan formed of a single piece of heavy galvanized steel. Has no seams, and no rivets or solder used in its construction. The corrugated sides add to its strength. Diameter at top  $17\frac{1}{2}$  inches. Bottom  $14\frac{1}{4}$  inches. Depth  $3\frac{3}{4}$  inches. Used for hog pan, for draining motor crank cases, drip pan for refrigerators, pigeon bath and many other useful services. 24 gauge.

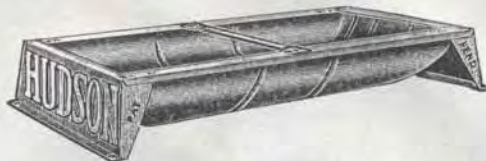
**Capacity 10 Quarts**

Each ..... Each  
**0-195-K D7C0★**..... **\$1.10**

Twelve in bdl. Wt. bdl. 32 lbs.

## HOG TROUGHS

HUDSON SANITARY



**Double-Sanitary**—Feed is easy to get at. Designed so pigs can clean up the feeding—no corners or sharp angles where feed can remain and sour.

**Double-Strong**—Every edge double-folded to provide twice customary strength. No rough sides to injure hogs.

**Double-Season**—Use both summer and winter. One-piece trough body is die-formed without seams or corrugations, and with a slope at ends. Frozen liquids may expand freely without damaging trough. Made of heavy galvanized steel. Tubular cross braces enameled Hudson Red. 7-foot length has extra center foot support.

Troughs are nested solid, take second class freight LCL. 100 troughs may be stored in space usually required for 10 ordinary troughs. Nesting construction makes troughs stronger, cuts freight cost. Braces detached and packed between bodies for shipments. Bolt on for use.

| Each     | Zone 1 | Zone 2 | Zone 3 | Dimensions:   |                |                | No. of<br>cross braces | No. in<br>bdle. | Wt.<br>bdle., lbs. | Zone 1 | Zone 2 | Zone 3 |
|----------|--------|--------|--------|---------------|----------------|----------------|------------------------|-----------------|--------------------|--------|--------|--------|
|          |        |        |        | Lgth.,<br>ft. | Wdth.,<br>ins. | Dpth.,<br>ins. |                        |                 |                    | ▲ Each | ▲ Each | ▲ Each |
| 21-NH2-K | X2D26★ | X2D32★ | X2D46★ | 2             | 12             | 4½             | 1                      | 5               | 28                 | \$3.00 | 3.10   | 3.30   |
| 21-NH4-K | X3D85  | X3D95  | X4D19  | 4             | 12             | 4½             | 3                      | 5               | 48                 | 5.50   | 5.30   | 5.60   |
| 21-NH7-K | X5D89  | X6D13  | X6D61  | 7             | 12             | 4½             | 6                      | 5               | 80                 | 7.85   | 8.25   | 8.85   |

Sold Only in Full Bundles

## HOG FEEDERS

HUDSON



Self Feeder

Will satisfactorily dispense all kinds of grain, ground feeds or supplements automatically. Every partition section has an individual regulator adjustable from outside. Partitions extend down into the trough so that feed doesn't become mixed. Feeder doors are wide enough for the largest hogs, light enough for small ones.

Heavy gauge galvanized steel construction, thoroughly braced. Controlled feed flow with inverted "V" bottom. Compartments to feed grain, minerals or ground feeds at the same time. Covers open back and down flush with side.

**Dimension:** Over all height 44 inches. Width at trough 44 inches. Depth of hopper 40 inches. Width of hopper at top 18 inches. Width of hopper at bottom 23 ins. Doors 12 ins. square.

## Long Lasting and Profit Making

| Each    | Zone 1 | Zone 2  | Zone 3  | Capacity<br>Bushels | Feed<br>Openings | No. Com-<br>partments | Length<br>feet | Weight<br>Each, lbs. | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|---------|--------|---------|---------|---------------------|------------------|-----------------------|----------------|----------------------|------------------|------------------|------------------|
| †210A-K | X36D70 | X37D86  | X40D76  | 10                  | 4                | 1                     | 2              | 116                  | \$48.95          | 50.50            | 54.35            |
| †315B-K | X47D50 | X48D95  | X52D58  | 15                  | 6                | 2                     | 3              | 148                  | 63.35            | 65.30            | 70.10            |
| †525B-K | X66D55 | X68D90  | X74D78  | 25                  | 10               | 3                     | 5              | 236                  | 88.75            | 91.90            | 99.70            |
| †840B-K | X97D79 | X101D15 | X109D55 | 40                  | 16               | 4                     | 8              | 336                  | 130.40           | 134.85           | 146.05           |

Items marked † not carried in stock. Can only be furnished by shipping direct from factory, Superior Stock Tanks, F. O. B., Bushnell, Ill, D0C5% freight allowed. Hudson Hog Feeders F. O. B., Rockford, Ill, N. F. A.

For Zone Location See Section 8—Page 41

STAR ★ DENOTES BEST SELLER

## TANK HEATERS

## HUDSON-LEKTRIK HEET



## Automatic Electric Floating Type

Ideal for stock tanks, hog waterers, milk house tanks or anywhere it is necessary to keep water from freezing.

All copper, mechanically seamed and soldered 2x7-inch float. Fully insulated 1000-watt Nichrome heating element. Six foot 3-wire conductor cord with heavy duty moisture-proof Neoprene cover and special wedge type bayonet plug which cannot be pulled from socket until lock is released.

Operates on 110-120 volts, a. c. only.

Each ▲ Each  
 7-66E-K X19D69.....\$28.50  
 One in ctn. Wt. ctn. 7 lbs.



Thermostat automatically keeps water at desired temperature. Scientific design assures greater heat transfer to water. Fits all tanks, steel, wood or concrete. Low in operating cost.

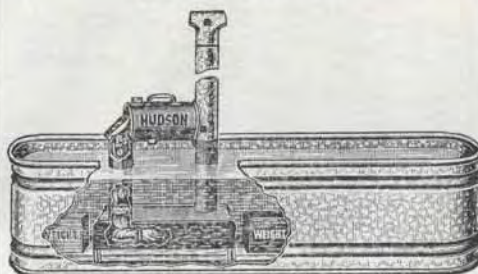
Fully insulated 1000-watt unit constructed of galvanized steel and copper with a Nichrome heating element enclosed in a leak-proof rod, which extends 21 inches from tank side.

Height 24 inches. Sets 20 inches in tank, 4 inches from bottom.

Operates on 115 volts A. C.

Each ▲ Each  
 7-93E-K X26D43.....\$38.50  
 One in ctn. Wt. ctn. 16 lbs.

## HUDSON ALASKAN



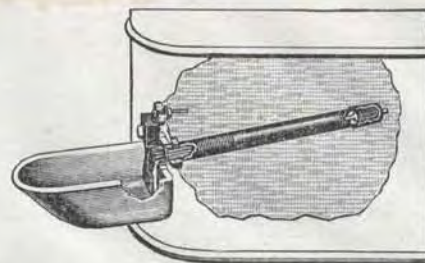
## Oil Burning

Heat squeezer baffle chest. Dual blast Oil Miser burner. Automobile type filler opening. Removable three-gallon oil tank. Complete with three joints galvanized pipe. One-piece channel iron legs keep the bottom of heater off the tank, allowing free circulation of water. Heats very fast. Heat chest 29 inches long and 12 inches wide.

Each ▲ Each  
 7-7-K X27D68.....\$39.60  
 One in bdl. Wt. bdl. 50 lbs.

## HOG WATERERS

## TROJAN



## Non-Freezing

No floats—Only two moving parts. Easily installed on steel drum, barrel, wood or concrete tanks.

Cast iron bowl held securely in place by lock bolt. Trip plate connected to push rod, protected by a special housing, releases a small amount of water at a time. Valve rod guide holds valve rods in permanent position to assure proper opening and closing of valve. Water-proof leather washer eliminates leakage into tank or barrel.

Standard 3/4-inch supply pipe with threaded adjustment. Brass push rod. Quick acting type accurately machined brass valve and valve seat. Brass valve spring. Strainer with non-clog brass mesh in machined brass threaded housing for adjustment of tension.

Length over all 21 inches. Width 5 1/4 inches. Height 5 3/8 inches.

Each ▲ Each  
 81-T25-K X5D15.....\$7.45  
 One in ctn. Wt. ctn. 8 lbs.

**HOG WATERERS**

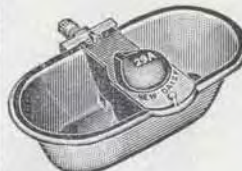
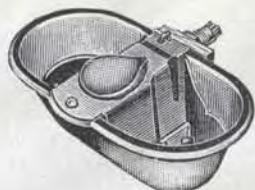
DAISY

D3C3 1/8%

Heavy cast iron bowl 13 inches long, 6 inches wide, 4 1/2 inches deep, finished in rust-resisting metallic satin finish aluminum. Two piece brass lever valve with special rubber valve gate. Copper ball float 2 1/2 inches in diameter. Cast iron cover, orange enamel finish, protects valve and float. Removable brass strainer attached to pipe on inside of tank. Operates on a barrel or tank where height of water does not exceed 42 inches above the nipple.

**Patented Mud Cups** prevent the hog from rooting in the water. Cups are easily removed for keeping water clean and sanitary.

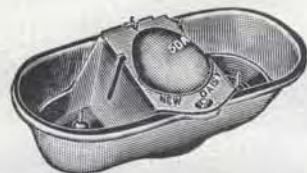
**Level Capacity of Bowl 4 1/2 Quarts**



Without Mud Cups

Each **81-30A-K N-X5D27★**.....\$7.90  
Wt. ea. 19 lbs.

Each **81-29A-K N-X4D60**.....\$6.90  
One in shipping ctn. Wt. ctn. 15 lbs.



Famous pressure valve type. Guaranteed to work perfectly on any pressure water line not exceeding 75 lbs.

Patented mud caps prevents hogs from rooting and are easily cleaned. Tapped for 1/2-inch inlet pipe. Bowl is 16 inches long, 7 inches wide, 5 inches deep.

Each **81-50A-K N-8D00**.....\$12.00  
One in ctn. Wt. ctn. 26 lbs.

**WATERER REPAIRS**

For Daisy Nos. 29, 29A, 30 and 30-A

D3C3 1/8%

**FLOATS**

Brass ball float, two piece adjustable brass lever with brass screws complete.

Each **K4660K (1F) D8C0**.....\$1.20  
Wt. each 4 ozs.

**VALVES**

Rubber valve attached to brass valve stem.

Each **K4661K (2V) D2C0**.....\$0.30  
Wt. each 1 oz.

**STRAINERS**

Brass strainer for end of nipple.

Each **K4662K (35) D1C6**.....\$0.24  
Wt. each 4 1/4 ozs.

**NIPPLES**

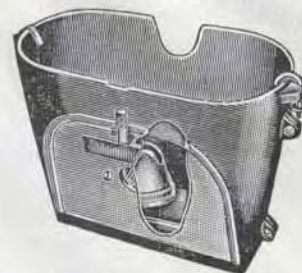
With brass valve seat.

Each **K4665K (11N) D3C8**.....\$0.58  
Wt. each 4 ozs.

**HEATER BOX ATTACHMENTS**

DAISY

D3C3 1/8%



For Use with Nos. 29A and 30A Hog Waterers

Heavy cast iron box, orange enamel finish. Ventilating door. Lead coated steel reservoir. Holds oil sufficient to operate about 36 hours.

Burns Kerosene

Each **34A-K X8D80**.....\$13.20  
One in ctn. Wt. ctn. 25 lbs.



For Use with No. 50A Hog Waterer

Heavy cast iron box, orange enamel finish. Ventilating door. Lead coated steel reservoir. Holds oil sufficient to operate about 24 hours.

Burns Kerosene

Each **44/54A-K X11D20**.....\$16.80  
One in ctn. Wt. ctn. 34 lbs.

**HEATER BOX ATTACHMENT REPAIRS**

DAISY

For Nos. 34A and 44/54A

**LAMP RESERVOIR AND BURNER**

Each **H1516-K X2D72**.....\$4.08  
One in box. Wt. box 1 1/8 lbs.

**RESERVOIR ONLY**

Each **H15-K X1D36**.....\$2.04  
One in box. Wt. box 1 lb.

**BURNER ONLY**

Each **H16-K X1D40**.....\$2.10  
One in box. Wt. box 1/2 lb.

**WICKS**

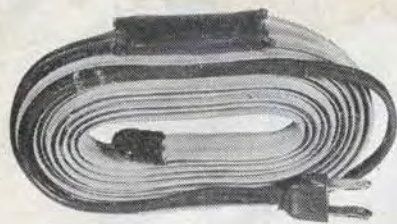
For No. H16 Burner

Each **H16C-K D0C5**.....\$0.08  
Twelve in bdl. Wt. bdl. 1/2 lb.

Items marked ★ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B., Boone, Iowa.

STAR ★ DENOTES BEST SELLER

## WRAP-ON AUTOMATIC HEAT TAPE



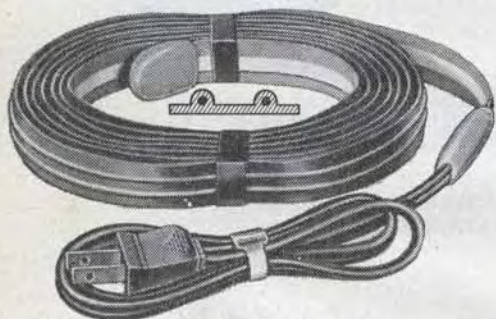
With Built-in Preset Thermostat  
No Radio Interference

With two feet of cold lead, plug and waterproof sealed connection.

115 Volts A. C.

| Each  |        |       | Lots<br>of 6 | Lots<br>of 12 | Watts | Color<br>Code | Lgth.,<br>ft. | For Pipe<br>Lgth.,<br>ft. | No.<br>in<br>Ctn. | Wt.<br>Ctn.,<br>lbs. | Each   |
|-------|--------|-------|--------------|---------------|-------|---------------|---------------|---------------------------|-------------------|----------------------|--------|
| K684M | (T30T) | X5D45 | X4D70        | .....         | 150   | Orange        | 30            | 24-30                     | 6                 | 6                    | \$7.25 |
| K681M | (T24T) | X4D80 | .....        | X4D15         | 120   | Green         | 24            | 18-24                     | 12                | 8                    | 6.40   |
| K634M | (T18T) | X4D10 | .....        | X3D55         | 90    | Red           | 18            | 13-18                     | 12                | 7                    | 5.45   |
| K629M | (T12T) | X3D65 | .....        | X3D15         | 65    | Yellow        | 13            | 9-13                      | 12                | 6                    | 4.95   |
| K613M | (T9T)  | X3D35 | .....        | X2D90         | 45    | Violet        | 9             | 6-9                       | 12                | 4¾                   | 4.45   |
| K609M | (T6T)  | X3D12 | .....        | X2D70         | 30    | Blue          | 6             | 3-6                       | 12                | 3¾                   | 4.15   |
| K607M | (T3T)  | X2D90 | .....        | X2D50         | 15    | Green         | 3             | Under 3                   | 12                | 2½                   | 3.85   |

## WRAP-ON HEAT TAPE



For anti-Freeze water pipe protection. For ½ inch pipe, plastic or rubber hose or copper tubing. Loop of heating cable is molded inside ¾ inch wide strip of high temperature Geon plastic insulation. Spacing fins at side prevent contact of heating portions of cable when wrapped closely. 115 volts.

Removal of masking tape on side exposes adhesive for easily sticking tape to pipe.

Has two foot cold lead with plug and waterproof molded insulation at connection.

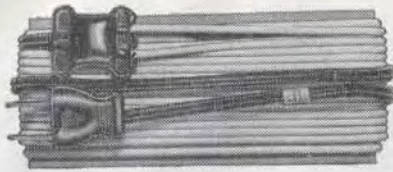
115 Volts A. C.

| Each  |       | Lots<br>1-11 | Lots of 12 | For Length<br>Pipe, Ft. | Watts | Wt. Pkg.<br>ozs. | ▲ Each  |
|-------|-------|--------------|------------|-------------------------|-------|------------------|---------|
| K631M | (T80) | X9D65        | X8D35      | 60 to 80                | 400   | 30               | \$12.85 |
| K630M | (T60) | X7D40        | X6D40      | 45 to 60                | 300   | 24               | 9.85    |
| K628M | (T45) | X5D90        | X5D10      | 30 to 45                | 225   | 18               | 7.85    |
| K627M | (T30) | X4D30        | X3D75      | 18 to 30                | 150   | 12               | 5.75    |
| K626M | (T18) | X2D96        | X2D57      | 13 to 18                | 90    | 7                | 3.95    |
| K621M | (T13) | X2D59        | X2D24      | 9 to 13                 | 60    | 6                | 3.45    |
| K620M | (T9)  | X2D21        | X1D92      | 6 to 9                  | 45    | 5                | 2.95    |
| K617M | (T6)  | X1D97        | X1D72      | 3 to 6                  | 30    | 4                | 2.65    |
| K612M | (T3)  | X1D76        | X1D53      | under 3                 | 15    | 3                | 2.35    |

One in transparent plastic bag.

NOTE—Can assort for Quantity Prices.

## WRAP-ON HEAT CABLE



Wrap-on cable insures year round running water for trailer parks, camps, summer cottages, warehouses and garages. Protects pipes in unheated basements and exposed walls, pipes to troughs and fountains on stock and poultry farms. Pipes need not be buried below the frost line. Easily installed. Simply lay one strand of cable down each side of the pipe in the ground or tie to sides of exposed pipes. Use up any excess length of cable by wrapping about pipe, keeping adjacent cable runs at least one inch apart. Make loops from one side of cable line for extension on dead end stubs. One inch pipes or larger should be wrapped throughout to provide additional heat. Cable under ground is not insulated. Above ground, use wrap-on insulation to conserve heat. Geon high temperature plastic insulated nickel chrome heating wire.

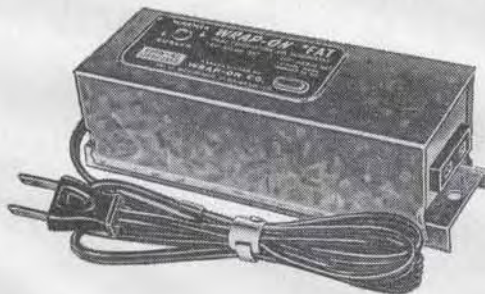
Caution: Order the shortest cable that is specified for your total length of pipe. Cable must not be shortened or cut. Cables cannot be connected together end to end. When more than one cable is used, each cable must be connected direct to the line or to the thermostat receptacle by means of a multiple plug.

### 115 Volts A. C.

| Each  |       | Lots<br>1-11 | Lots 12<br>or more | For Pipe Length<br>feet or Less | Watts | Weight<br>Each, ozs. | ▲ Each |
|-------|-------|--------------|--------------------|---------------------------------|-------|----------------------|--------|
| K693M | (J56) | X2D25        | X1D95              | 18-26                           | 140   | 8                    | \$3.00 |
| K689M | (P40) | X2D10        | X1D82              | 12-18                           | 100   | 5                    | 2.80   |
| K688M | (M26) | X2D10        | X1D82              | 6-12                            | 60    | 4                    | 2.80   |
| K685M | (B12) | X1D35        | X1D17              | 3-6                             | 30    | 3                    | 1.80   |
| K683M | (A6)  | D7C5         | D6C5               | 3                               | 15    | 2                    | 1.00   |

One in plastic bag

## WRAP-ON HEAT CABLE THERMOSTATS



Thermostat with pilot light, 4 foot cord and plug-in receptacle for cable turns on current automatically when temperatures drop below 35° F. and turns it off above 40°. The thermostat must be installed where it will be exposed to outdoor temperatures—generally under the floor of the building. A single thermostat will control cables on both hot and cold water lines.

### For Average Installations

#### 115 Volts—500 Watts

| Each  |       | Lots 1-11 | Lots 12 or more | ▲ Each |
|-------|-------|-----------|-----------------|--------|
| K680M | (FAT) | X3D37     | X2D93           | \$4.50 |

One in ctn. Wt. ctn. 1 lb.

With microswitch for larger loads, trailer camps and congested localities with critical radio interference conditions.

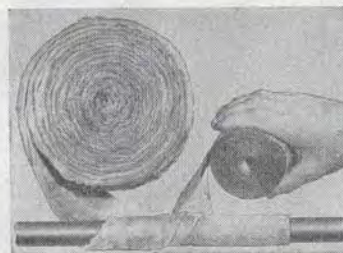
#### 115 Volts—1500 Watts

| Each  |       | Lots 1-11 | Lots 12 or more | ▲ Each |
|-------|-------|-----------|-----------------|--------|
| K622M | (FAM) | X4D50     | X3D90           | \$6.00 |

One in ctn. Wt. ctn. 1 lb.

NOTE—Can Assort all Items to Obtain Quantity Prices

## WRAP-ON INSULATION



### Wrap-on Insulation

1. Stops sweating and dripping pipes. 2. Insulates hot or cold water lines. 3. Anti-freeze protection on cable heated pipes—reduces current required by  $\frac{2}{3}$ . 4. Weather strip—tuck into cracks with a table knife. 5. In horticulture—make glass wicks, aerating pads (crops) for flower pots—for moist packing plants for shipment.

Wrap-on fibre glass insulation with vapor seal tape is easily applied by anyone without tools muss or dirt. First wrap with fibre glass, then with tape. This leaves a clean dry surface that can be easily finished with any paint or enamel.

Wrap-on insulation is packed in a transparent plastic bag containing 25 feet of 3 inch wide glass fibre insulation and 25 feet of 2 inch wide vapor seal tape for outside mechanical protection.

Coverage—when fibre glass is overlapped  $\frac{1}{2}$  to give a double layer, 17' of  $\frac{1}{2}$ " pipe, 13' of  $\frac{3}{4}$ " pipe, 10' of 1" pipe, 6' of 2" pipe.

|                                  |  |        |
|----------------------------------|--|--------|
| Each                             |  | ▲ Each |
| K694M (WO) D7C5.....             |  | \$1.00 |
| 6-K694M (WO) D8C5—(Case lots 12) |  |        |

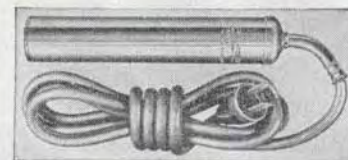
Wrapped in transparent plastic bag. Twelve in a display ctn. Wt. ctn. 6 lbs.

**NOTE—Can Assort with Other Wrap-On Products to Obtain Quantity Prices.**

## POULTRY WATER WARMERS

SMITH-GATES

U. L. Approved



### Heats 12 Quarts Water

Warms water to 50° F. in a room of zero temperature, a most important single factor in egg production.

It is automatic and is controlled by a snap-action thermostat. Rust-proof and completely and safely insulated for immersion in water. No fire hazard.

Length 8 inches, diameter  $1\frac{1}{4}$  inches. Plugs into 110-120 Volts A. C. outlet and is rated at 150 watts.

Supplied with a 6 ft. neoprene cord and plug.

|                                                |        |
|------------------------------------------------|--------|
| Each                                           | ▲ Each |
| K127M (15050) X4D30.....                       | \$6.45 |
| One in display box, ten in ctn. Wt. ctn. 8 lbs |        |

## HUDSON SPRAYERS AND DUSTERS

### ZONE LOCATIONS

**ZONE 1****ILLINOIS****INDIANA****IOWA**—East of and including these counties:

|          |         |
|----------|---------|
| Kossuth  | Dallas  |
| Humboldt | Madison |
| Webster  | Clarke  |
| Greene   | Decatur |

**KENTUCKY****MICHIGAN****MINNESOTA**—East of and including these counties:

|           |            |
|-----------|------------|
| St. Louis | Hennepin   |
| Carlton   | Scott      |
| Pine      | Le Sueur*  |
| Kanabec   | Blue Earth |
| Isanti    | Faribault  |
| Anoka     |            |

**MISSOURI**—East of and including these counties:

|            |              |
|------------|--------------|
|            | Franklin     |
| Putnam     | Warren       |
| Sullivan   | Washington   |
| Linn       | St. Francois |
| Macon      | Madison      |
| Monroe     | Bollinger    |
| Audrain    | Scott        |
| Montgomery | Mississippi  |

**OHIO****TENNESSEE**—North of and including these counties:

|            |            |
|------------|------------|
| Weakley    | Cannon     |
| Henry      | DeKalb     |
| Benton     | White      |
| Humphreys  | Cumberland |
| Dickson    | Morgan     |
| Williamson | Anderson   |
| Rutherford |            |

**WISCONSIN****ZONE 2****ALABAMA****ARKANSAS****COLORADO**—East of and including these counties:

|             |          |
|-------------|----------|
| Jackson     | Fremont  |
| Grand       | Custer   |
| Clear Creek | Huerfano |
| Park        | Costilla |

**FLORIDA****GEORGIA****IOWA**—West of the area in Zone 1**KANSAS****LOUISIANA****MINNESOTA**—West of the area in Zone 1**MISSISSIPPI****MISSOURI**—West of the area in Zone 1**NEBRASKA****NEW MEXICO**—East of and including these counties:

|            |           |
|------------|-----------|
| Taos       | Guadalupe |
| Mora       | Lincoln   |
| San Miguel | Otero     |

**NORTH DAKOTA****OKLAHOMA****SOUTH DAKOTA****TENNESSEE**—South of the area in Zone 1**TEXAS****WYOMING**—East of and including these counties:

|          |         |
|----------|---------|
| Campbell | Natrona |
| Johnson  | Carbon  |

**ZONE 3****ARIZONA****COLORADO**—West of and including these counties:

|         |          |
|---------|----------|
| Routt   | Saguache |
| Summit  | Alamosa  |
| Lake    | Conejos  |
| Chaffee |          |

**IDAHO****MONTANA****NEVADA****NEW MEXICO**—West of and including these counties:

|            |          |
|------------|----------|
| Rio Arriba | Socorro  |
| Santa Fe   | Dona Ana |
| Torrance   |          |

**OREGON****UTAH****WASHINGTON****WYOMING**—West of and including these counties:

|          |            |
|----------|------------|
| Sheridan | Fremont    |
| Big Horn | Sweetwater |
| Washakie |            |

## FLAME SPRAYERS

HUDSON



Simplex

Capacity 4 Gallons

Produces 2000° Fahrenheit. The flame is 15 to 18 inches long and 8 to 12 inches wide, depending on fuel and distance from the burner. Uses about 1 gallon of kerosene, stove oil or 34° to 42° gravity distillate per hour. Needle valve in fuel line regulates flow of fuel. Pressure gauge shows correct operating range and is conveniently placed for easy reading.

**Tank**—Premium galvanized sheet steel, 7½-inch diameter, 22 inches high. Discharge tube in tank is ¼-inch steel pipe at the top of which is threaded a malleable "Tee".

**Pump**—Sealed against a durable, long life, Hy-Car gasket inside the tank. Plunger has patented "Nu-Action". Size 1¾x14 inches seamless brass tubing with Perfection poppet valve with Hy-Car valve check. Valve is absolutely air and liquid tight.

**Hose**—¾-inch high pressure special oil and chemical-resistant hose, with Hy-Car liner, 5 feet long, threaded to ¼-inch steel discharge pipe.

**Burner**—Stout steel housing with generating pan and wick. Designed for steady generation of gas to provide strong, constant flame.

**Burner Nozzle**—Easily cleaned, special cleaning tool furnished. Burner carrying handle designed for minimum load on arm and hand by attachment between burner shield and valve.

| Each      | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-----------|--------|--------|--------|------------------|------------------|------------------|
| 81-711B-K | X23D98 | X24D27 | X24D84 | ..\$34.30        | 34.70            | 35.55            |

Packed in one ctn. Wt. each 18 lbs.

## POWER SPRAYERS

HUDSON



Matador

Pressure 0 to 250 lbs.—Discharge 3 to 4 Gallons per Minute

For the home owner with a fairly good sized yard and garden. Will deal sure death to pests and weeds. Protects prized flowers and plants from ever-present insects and fungus growths.

Positive piston pump. "Power-Jet" agitation. Easy-setting pressure regulator. Adequate agitation. Half oval rust-resisting 15 gallon welded steel tank, with drain plug in bottom. 1½ H.P. dependable 4 cycle air cooled engine. Steel wheels with 14x2 inch cushion tires.

Complete with 20 feet of ¾ inch oil and chemical proof spray hose and single nozzle adjustable spray gun.

| Each     | Zone 1  | Zone 2  | Zone 3  | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|----------|---------|---------|---------|------------------|------------------|------------------|
| X31015-K | X205D89 | X208D50 | X213D72 | ..\$274.55       | 278.00           | 284.95           |

One in crate. Wt. crate 178 lbs.

## Suburban



For farmers, nurserymen, pest control operators and sanitarians in plants and institutions. Easy to handle and simple to operate. Handles any spray solution.

Double action piston pump with long life leather plungers. Brass pump with stainless steel valve. Positive mechanical agitation. Adjustable pressure regulator. Efficient 4 cycle 1½ H.P. engine. Full safety guard over drive belt. All welded oval galvanized steel tank with five and ten gallon capacity markings and large opening for easy cleaning and filling. Convenient drain plug. Ten foot Kem-Oil spray proof hose. Roto valve with 24 inch curved extension and 5 spray nozzle with cap

for cone and flat fan spray. Extra cone spray cap, adjustable for extra fine, fine, medium, coarse and long distance spray. Cushion tired wheels, 12x1¼ inches. Width over all 21 inches. Ideal for narrow aisles or garden paths.

Capacity 10 Gallons

Up to ½ gallon per hour pump capacity. Pressure is factory set up to 80 lbs Adjustable.

| Each       | Zone 1  | Zone 2  | Zone 3  | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|------------|---------|---------|---------|------------------|------------------|------------------|
| 81-1010S-K | X119D62 | X121D35 | X124D80 | ..\$159.60       | 161.76           | 166.36           |

One in ctn. Wt. ctn. 115 lbs.

## SPRAYERS

## HUDSON



No. 3603A

## Porta

Pressure up to 200 lbs.

**Pump:** No. 126 Moro, mounted in center of tank by steel truss and secured at bottom by steel fitting. Bronze ball valves in brass cages, easily accessible. Non-clogging, tubular brass strainer provides a greater strainer area. Steel dasher agitator cleans intake screen at each stroke, thoroughly mixes solution, removes sediment, prevents clogging.

**Tank:** Premium galvanized steel, 17½ gallons, reinforced at top and bottom. Beading on sides of tank provides additional strength and rigidity. Suspended in frame on malleable trunnions, easily detached.

**Frame:** Stiff channel steel, with bolted steel braces, hand-shaped grips.

**Discharge Equipment:** 6 feet of ¾ inch high pressure Kem-Oil spray-proof hose. Perfection control valve, locks open for continuous spraying. 30 inch steel extension tube, threaded both ends. Brass angle nozzle. Four spray discs for any spray from fog to solid stream, flat-fan, whitewash.

## WITH PRESSURE TANK, GAUGE AND FITTINGS

## Steel Wheels

| Each             | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|------------------|--------|--------|--------|------------------|------------------|------------------|
| 7-3703A-K        | X50D69 | X51D68 | X53D65 | \$72.50          | 73.90            | 76.75            |
| Wt. each 61 lbs. |        |        |        |                  |                  |                  |

## Cushion Tire Wheels

|                                        |        |        |        |       |       |       |
|----------------------------------------|--------|--------|--------|-------|-------|-------|
| 7-3704A-K                              | X54D26 | X55D28 | X57D34 | 77.60 | 79.05 | 82.00 |
| Wt. each 63 lbs.                       |        |        |        |       |       |       |
| Packed in three cartons and one bundle |        |        |        |       |       |       |

## WITHOUT PRESSURE TANK

## Steel Wheels

| Each              | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-------------------|--------|--------|--------|------------------|------------------|------------------|
| 7-3603A-K         | X34D53 | X35D35 | X37D02 | \$49.35          | 50.55            | 52.95            |
| Wt. each 51½ lbs. |        |        |        |                  |                  |                  |

## Cushion Tire Wheels

|                                     |        |        |        |       |       |       |
|-------------------------------------|--------|--------|--------|-------|-------|-------|
| 7-3604A-K                           | X38D09 | X38D96 | X40D71 | 54.50 | 55.70 | 58.75 |
| Wt. each 54½ lbs.                   |        |        |        |       |       |       |
| Packed in two ctns. and one bundle. |        |        |        |       |       |       |

## HUDSON



Ozark

## Capacity 5 Gallons—Open Top

For small orchards, vineyards, truck gardens dairy barns, shade trees and shrubbery. Excellent for fire protection.

Has a completely removable threaded top. Carries by handle or as a knapsack by wide shoulder straps. Develops 180 lbs. pressure.

Tank is heavy galvanized steel. Shaped to fit back and shoulders comfortably. Large opening permits easy filling and emptying. Pump is double acting, connected to tank by high pressure spray hose. All-purpose spray nozzle permits change of spray from fog to solid stream.

| Each      | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-----------|--------|--------|--------|------------------|------------------|------------------|
| 81-364E-K | X20D93 | X21D16 | X21D61 | \$29.95          | 30.25            | 30.90            |

One in ctn. Wt. ctn. 14½ lbs.

## SPRAYERS

## HUDSON



## Trombone

Develops uniform high pressure and continuous discharge. Handles all solutions. Adapted for spraying orchards, vineyards, shrubbery, etc. Also whitewash, disinfectants and stock fly oil.

Can be used in ordinary bucket or pail, half barrel or tank. Easily dismantled for cleaning.

All brass. Cylinder  $\frac{3}{4} \times 16\frac{1}{2}$  inches. Air chamber  $\frac{1}{2} \times 21$  inches. Bronze ball valves.

Complete with 6 feet of  $\frac{3}{8}$ -inch spray hose, intake pipe and strainer. 5 spray nozzles for any spray.

| Each      | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-----------|--------|--------|--------|------------------|------------------|------------------|
| 81-223C-K | X8D50  | X8D55  | X8D63  | \$12.95          | 12.95            | 12.95            |

One in ctn. Wt. ctn. 4 lbs.

## AIROSPRAYER



Practical all purpose sprayer for farm, garden and home. Dispenses a continuous unbroken spray under pressure up to 100 pounds. Simple and quick adjustment permits variation of spray from finely atomized mist to a 35 foot stream. Easy to operate.

For insect and weed control, white-washing, fire fighting and pumping water.

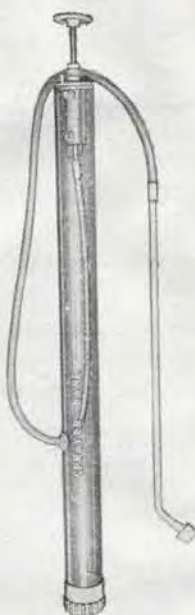
Heavy gauge brass cylinder with double action pump. Non-clogging nozzle with adjustable spray. Complete with attachment for spraying hard to reach places and five foot neoprene hose with one pound weight attached to end to strain liquid and hold hose in container.

| Each           | Each   |
|----------------|--------|
| 81-AS-K X5D65★ | \$8.50 |

One in box, twelve in case. Wt. case 50 lbs.

## SPRAYER

DONALDSON



Sprayer Kane

Can be used for liquid fertilizer, insecticides and weed killers. No tank to pump up—no pack to carry. Just release and it sprays.

Cover all parts of plant from ground level to 10 feet high. Right angle turn at tip of wand enables operator to cover underside of leaves without stooping or walking to flower bed.

Transparent plastic tube holds one-half gallon of spray solution. Pump is at bottom of tube with its piston shaft protruding from lower end.

|                                     |              |
|-------------------------------------|--------------|
| Each                                | Each         |
| <b>K3971K (X1930) X3D46</b> .....   | \$4.95       |
| Lots of 4                           | <b>X3D30</b> |
| Four in display box. Wt. box 7 lbs. |              |

## WEED KILLER CANES DONALDSON

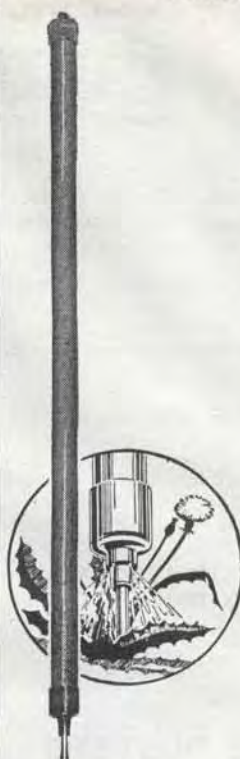
Killer Kane

Sprays deadly weed killer solution right on the weed as fast as you walk. Just place point on weed, press, release and a measured dose of spray drenches weed. Can be used close to flowers and shrubs without danger. Bull's-eye control saves clover.

Made of durable corrosion resistant plastics and brass. Long spray point. Valve closes automatically as cane is lifted. End cap for filling.

Length over all 34 inches.

One Fill Treats  
1000 Weeds



|                                           |        |
|-------------------------------------------|--------|
| Each                                      | ▲ Each |
| <b>K3943K (198) X1D26</b> .....           | \$1.79 |
| <b>KK3943K (198) X1D20</b> —(Case lots 6) |        |
| Six in ctn. Wt. ctn. 2¼ lbs.              |        |

## WEED KILLER CARTRIDGES DONALDSON



Killer Kane 2, 4-D

For Weed Killer Canes No. K3943K-198

One cartridge in cane makes proper strength weed killer solution. Dissolves in few seconds. Green yellow and white self service carton.

|                                         |                 |
|-----------------------------------------|-----------------|
| Per Vial                                | Per Vial        |
| <b>K3972K D4C1</b> .....                | \$0.59          |
| Lots of 12 Vials                        | <b>D3C9 1/3</b> |
| 12 Cartridges in vial. 12 vials in ctn. |                 |
| Wt. ctn. 1¼ lbs.                        |                 |

## INSECTICIDE DUSTERS

## HUDSON



## Admiral

Handles all dry powder perfectly. Air blast agitation prevents powder from packing. Special valve prevents powder being drawn into pump. Fitted with break-up screen to insure uniform discharge of powder. Large filler cap for easy loading. Emptying and cleaning.

For general farm and garden work. In cotton, potato, tobacco fields, also in dairy barns, hog and poultry houses.

Heavy tin pump and reservoir, steel plunger rod with plunger leather and black finish wood handle.

Pump  $2\frac{3}{4} \times 9\frac{1}{2}$  inches with threaded cap; reservoir 6 inches long,  $2\frac{3}{4}$ -inch diameter with large filler screw cap.

Complete with 21-inch extension tube with nozzle instantly adjustable for straight or angle discharge.

| Each      |        | Zone 1 | Zone 2 | Zone 3               | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-----------|--------|--------|--------|----------------------|------------------|------------------|------------------|
| K4091K    | (766C) | X1D98  | X2D02  | X2D08                | \$2.95           | 2.95             | 2.95             |
| 81-K4091K | (766C) | X1D89  | X1D92  | X1D97—(Case lots 10) |                  |                  |                  |

Ten in ctn. Wt. ctn.  $17\frac{1}{4}$  lbs.

## INSECTICIDE DUSTERS

## SHAPLEIGH'S



Unit is ideal for home and garden use, plus roach and ant control.

Holds over  $\frac{1}{2}$  lb. of dust. Powerful pump forces air blast through dust. Heavy tin dust compartment  $4 \times 3$  inches diameter. Pump  $12 \times 1\frac{1}{2}$  inches equipped with check valve and oil treated leather plunger.

Capacity  $\frac{1}{2}$  lb.

| Each      |                      | Each   |
|-----------|----------------------|--------|
| K4082K    | D6C3★                | \$0.90 |
| 81-K4082K | D6C0★—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 10 lbs.

## SPRAYERS

## SHAPLEIGH'S



## Continuous

All purpose sprayer for home owners, farmers, storekeepers, janitors and commercial exterminators. Produces a fine spray of good volume.

## Specifications:

**Pump**—Attractively decorated, heavy tin,  $1\frac{1}{2}$  inches diameter, 12 inches long. Oil treated leather plunger. Adjustable brass nozzle and siphon tube.

**Container**—3 quart type, premium galvanized steel, heavily soldered. Over-sized, easy filling screw cap.

## Capacity 3 Quarts

| Each      |                            | Each   |
|-----------|----------------------------|--------|
| K4075K    | (SH34) X2D20               | \$3.35 |
| 81-K4075K | (SH34) X2D10—(Case lots 6) |        |

Six in ctn. Wt. ctn. 12 lbs.

For Zone Location See Section 8—Page 41  
STAR ★ DENOTES BEST SELLER

## SPRAYERS

## SHAPLEIGH'S



## Continuous

For use with disinfectants, insecticides, deodorants, cattle sprays, fly oils in hotels, restaurants, dairy barns, etc.

## Specifications:

**Pump**—Attractively decorated, heavy tin,  $1\frac{1}{2}$  inches diameter, 12 inches long. Oil treated leather plunger. Adjustable brass spray nozzle. Removable siphon tube.

**Container**—Quart type, heavy tin with easy filling screw cap.

## Capacity 1 Quart

| Each      |                             |       | Each   |
|-----------|-----------------------------|-------|--------|
| K4074K    | (SH32) X1D15                | ..... | \$1.69 |
| 81-K4074K | (SH32) X1D10—(Case lots 12) |       |        |

Twelve in ctn. Wt. ctn. 12 lbs.



For home or garden. Will handle insecticides and deodorants.

## Specifications:

**Pump**—Decorator designed in beautiful deep red and rose. Heavy tin,  $1\frac{1}{2}$  inches diameter, 12 inches long. Oil treated leather plunger.

**Container**—Removable quart heavy tin container. Large sized screw cap.

## Capacity 1 Quart

| Each      |                             |       | Each   |
|-----------|-----------------------------|-------|--------|
| K4073K    | (SH32) D5C0★                | ..... | \$0.75 |
| 81-K4073K | (SH26) D4C8★—(Case lots 12) |       |        |

Twelve in ctn. Wt. ctn. 10 lbs.



For home or small garden. Will handle all insecticides.

## Specifications:

**Pump**—Decorator designed in beautiful deep red and rose. Heavy tin,  $1\frac{1}{4}$  inches diameter, 10 inches long. Oil treated leather plunger.

**Container**—10 oz. capacity heavy tin. Easy filling screw cap.

Capacity  $\frac{3}{4}$  Pint

| Each      |                             |       | Each   |
|-----------|-----------------------------|-------|--------|
| K4072K    | (SH25) D4C1★                | ..... | \$0.62 |
| 81-K4072K | (SH25) D3C9★—(Case lots 24) |       |        |

Twelve in ctn. Wt. ctn. 7 lbs.

## COMPRESSED AIR SPRAYERS

KEEN KUTTER

**3 1/2-Gallon—Funnel Top**

Wide mouth funnel makes filling easy. Dome-shaped tank top—can be drained dry.

**Tank**—21 1/2 inches high, 7 1/4 inch diameter, Premium galvanized steel, electric seam welded. 40x1 inch carrying strap.

**Pump**—12x1 3/4 inch. Galvanized steel. D-type malleable iron handle. Hy-Car check valve.

**Discharge Equipment**—48 inches long overall. 26 inch heavy-duty rubber-covered hose, Hy-Car lined, reinforced with rayon cords. 18x 1/4 inch rotating brass extension tube. Adjustable brass cone-spray nozzle.

|                                 |         |
|---------------------------------|---------|
| Each                            | Each    |
| 81-K35-KK X7D50.....            | \$11.25 |
| One in ctn. Wt. ctn. 8 3/4 lbs. |         |

**1 1/2-Gallon—Funnel Top**

Wide-mouth funnel makes filling easy. Dome-shaped tank top—can be drained dry.

**Tank**—9 7/8 inches high, 7 1/4 inch diameter, Premium galvanized steel, electric seam welded. Metal carrying handle.

**Pump**—6x1 3/4 inch. Galvanized steel. D-type handle. Hy-Car check valve.

**Discharge Equipment**—42 inches long overall. 26 inch heavy-duty rubber-covered hose, Hy-Car lined, rayon reinforced. 12x 1/4 inch brass extension rod. Adjustable brass cone-spray nozzle.

|                                 |        |
|---------------------------------|--------|
| Each                            | Each   |
| 81-K15-KK X6D50.....            | \$9.75 |
| One in ctn. Wt. ctn. 6 1/2 lbs. |        |

SHAPLEIGH'S



The unit will dispense all sprayable solutions, including pesticides, agricultural, commercial and industrial chemicals. Its large capacity means long spraying without re-filling.

## Specifications:

**Tank**—3 1/2 gallons, 25x7 1/4 inches over all. Electric seam welded premium galvanized steel, pressure-sealed funnel top.

**Pump**—Galvanized steel 12x1 3/4 inches double acting HyCar check valve. "D" type malleable iron handle.

**Spray Equipment**—20 inch heavy duty rubber covered hose, reinforced with nylon cords, HyCar lined. 1/4 inch brass extension tube 18 inches long. Holding clip keeps extension tube in place, off the ground. Adjustable cone spray nozzle.

## Capacity 3 1/2 Gallons

|                                 |         |
|---------------------------------|---------|
| Each                            | Each    |
| 81-SH30-K X6D75 .....           | \$10.25 |
| One in ctn. Wt. ctn. 8 3/4 lbs. |         |

KLICKER



Handles all sprayable solution including cold water paint. Attractive golden color trim.

## Specifications:

**Tank**—3 1/4 gallons, 23x7 1/4 in. over-all. Electric seam welded premium galvanized steel. Pressure sealed funnel top.

**Pump**—Galvanized steel 12x1 3/4 in. Double acting HyCar check valve. D type malleable iron handle.

**Spray Equipment**—20 in. heavy duty rubber covered hose, reinforced with rayon cords, HyCar lined. 1/4 in. brass extension tube, 18 inches long. Adjustable cone spray nozzle.

## Capacity 3 1/4 Gallons

|                                 |        |
|---------------------------------|--------|
| Each                            | Each   |
| 81-20K-K X6D35★ .....           | \$9.75 |
| One in ctn. Wt. ctn. 8 1/4 lbs. |        |

KLICKER



Handles all sprayable solution including cold water paint. Attractive golden color trim.

## Specifications:

**Tank**—1 1/2 gallons, 13 1/2x7 1/4 inches over-all. Electric seam welded premium galvanized steel. Pressure-sealed funnel top.

**Pump**—Galvanized steel 6x3/4 in. Double acting HyCar check valve. D type malleable iron handle.

**Spray Equipment**—20 in. heavy rubber covered hose, reinforced with rayon cords, HyCar lined. 1/4 in. brass extension tube, 12 in. long. Adjustable cone spray nozzle.

## Capacity 1 1/2 Gallons

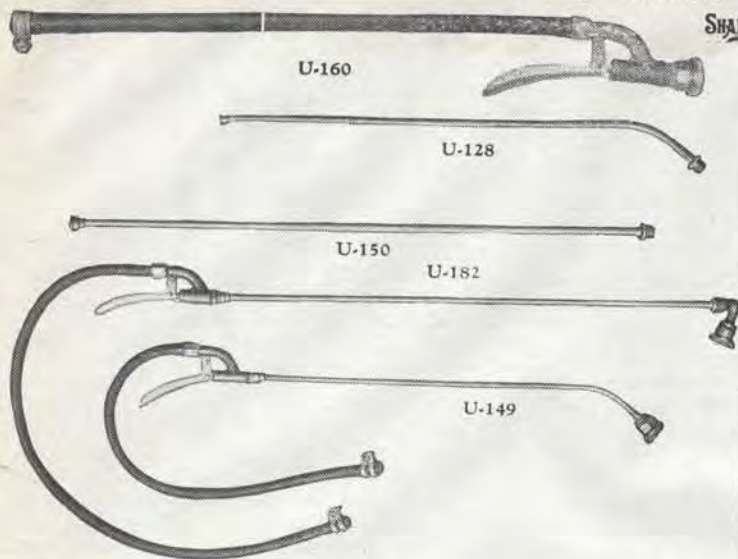
|                              |        |
|------------------------------|--------|
| Each                         | Each   |
| 81-10K-K X5D50★ .....        | \$7.95 |
| Two in ctn. Wt. ctn. 12 lbs. |        |

Sold Only in Full Cartons

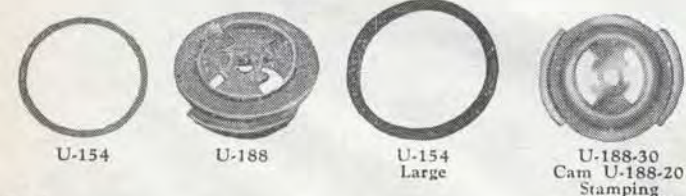
STAR ★ DENOTES BEST SELLER

## SPRAYER REPAIRS

SHAPLEIGH'S



|           |       |                                                                        |
|-----------|-------|------------------------------------------------------------------------|
| Each      |       | Each                                                                   |
| R-U-160-K | X1D50 | Hose and shutoff valve—with nozzle.... \$2.25                          |
| R-U-150-K | D7C5  | 2 foot brass extension rod with connection... 1.25                     |
| R-U-128-K | D6C7  | 18 inch brass extension rod with connection... 1.00                    |
| ±U-149-K  | X2D02 | Discharge equipment complete 18" extension 3.00                        |
| R-U-182-K | X3D07 | Discharge equipment complete 24" extension with aphs fitting..... 4.60 |

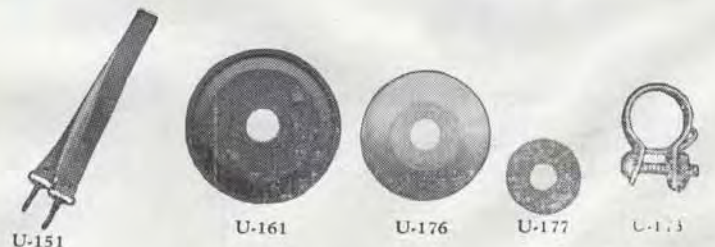


|             |       |                                                              |
|-------------|-------|--------------------------------------------------------------|
| Each        |       | Each                                                         |
| R-U-154L-K  | D0C7  | Large—Cam Gasket..... \$0.10                                 |
| R-U-154-K   | D0C7  | Rubber Gasket for Pump Cylinder..... .10                     |
| ±U-184-30-K | X2D12 | Pump Complete with Cylinder for G30 with flare..... 3.25     |
| R-U-406-K   | D3C8  | Check valve for SH30 and SH10..... .60                       |
| ±U-184-20-K | X1D55 | Pump Complete with Cylinder for G20 2.35                     |
| ±U-184-10-K | X1D88 | Pump Complete with Cylinder for G10 2.85                     |
| ±U-185-30-K | X1D27 | Plunger only..... 1.85                                       |
| ±U-185-20-K | X1D27 | Plunger only for G20..... 1.85                               |
| ±U-185-10-K | X1D21 | Plunger only for G10..... 1.85                               |
| R-U-188-K   | D3C4  | Cam Closure for G10 and G20..... .50                         |
| ±U-188-30-K | D3C4  | Cam Stamping for G30..... .50                                |
| ±U-188-20-K | D3C4  | Cam Stamping for G20..... .50                                |
| ±U-189-K    | D4C1  | Wing Handle for G30, G20 and G10... .60                      |
| ±U-164-30-K | X1D34 | Pump Cylinder with Check Valve for G30 2.00                  |
| ±U-164-20-K | X1D34 | Pump Cylinder with Check Valve for G20 2.00                  |
| ±U-164-10-K | X1D01 | Pump Cylinder with Check Valve for G10 1.50                  |
| ±U-159-K    | X2D22 | Galvanized Tank, Specify 1½, 2½ or 4 gallon size..... 3.25   |
| RU-165-K    | D3C4  | Pump Check (Cage, Check and Spring) Fits All Models..... .50 |



## VALVE AND NOZZLE PARTS

|            |       |                                                                     |
|------------|-------|---------------------------------------------------------------------|
| Each       |       | Each                                                                |
| R-U-130-K  | X1D27 | Shutoff valve and nozzle..... \$1.85                                |
| R-U-141-K  | D7C3  | Shutoff valve body..... 1.15                                        |
| R-U-132-K  | X1D55 | Swivel nozzle, complete..... 2.35                                   |
| R-U-131-K  | D5C4  | Nozzle hollow cone..... .85                                         |
| R-U-131F-K | D5C4  | Nozzle fan..... .85                                                 |
| R-U-139-K  | D0C4  | Nozzle connection washer..... .10                                   |
| ±U-140-K   | D2C0  | Nozzle connection nut..... .30                                      |
| R-U-142-K  | D4C7  | Shutoff valve assembly..... .75                                     |
| R-U-133-K  | D2C8  | Nozzle cap..... .45                                                 |
| R-U-138-K  | D0C7  | Nozzle screen..... .10                                              |
| R-U-135-K  | D0C7  | Nozzle outside disc fine..... .10                                   |
| R-U-136-K  | D0C7  | Nozzle outside disc coarse..... .10                                 |
| R-F-56U-K  | D0C7  | Fan nozzle outside disc fine..... .10                               |
| R-F-50U-K  | D0C7  | Fan nozzle outside disc coarse..... .10                             |
| R-U-137-K  | D0C7  | Nozzle breaker disc..... .10                                        |
| R-U-134-K  | D0C4  | Nozzle leather washer..... .10                                      |
| ±U-175-K   | D2C0  | Nozzle base only..... .30                                           |
| R-U-745-K  | D4C0  | Cone sprayer nozzle assembly for SH10, SH20, SH30 and SH60..... .60 |
| ±F-36U-K   | D0C7¼ | Breaker disc for use with F-50 and F-56U..... .10                   |



## PLUNGER PARTS

|           |      |                                             |
|-----------|------|---------------------------------------------|
| Each      |      | Each                                        |
| R-U-173-K | D0C7 | Hose clamps..... \$0.10                     |
| R-U-177-K | D1C0 | Front washer for plunger..... .15           |
| R-U-176-K | D1C0 | Back washer for plunger..... .15            |
| R-U-161-K | D0C7 | Cup leather for plunger..... .10            |
| ±U-151-K  | D3C4 | Shoulder strap and snaps..... .50           |
| ±U-183-K  | D4C4 | Adjustable shoulder straps and snaps... .65 |
| ±U-178-K  | D1C0 | Plunger rod nut..... .15                    |

Items marked ± Not Carried in Stock. Can Only be Furnished by Shipping Direct from Factory, F. O. B., Saranac, Mich.

## GARDEN HOSE SPRAYERS

## BRADSON

Functional parts will not pit, corrode disintegrate. Molded nylon spray heads plus polyethylene gaskets. Controlled spray pattern eliminates side spray. Hydro-lift design produces controllable vacuum, eliminates small easily clogged suction holes.



## Insect-O-Gun

Pistol grip. Handy hang up hook. Quart mason jar furnished. Exclusive automatic water controlled valve. Open air mixing can't back flow. Sprays any material in penetrating fan spray pattern.

## Capacity 6 Gallons

| Each      |       |                     | Each   |
|-----------|-------|---------------------|--------|
| K4081K    | (106) | X2D97               | \$4.95 |
| 81-K4081K | (106) | X2D87—(Case lots 3) |        |

Three in ctn. Wt. ctn. 7 lbs.



## Gro-Gun

## Fertilizers, Lawn and Tree Sprays

Recommended for high volume application. Quart mason jar furnished. Sprays any plant food, lawn treatment, etc., that mixes with water.

Many other uses: Car wash, disinfect animal pens, etc.

## Capacity 20 Gallons

| Each      |       |                     | Each   |
|-----------|-------|---------------------|--------|
| K4105K    | (103) | X2D17               | \$3.45 |
| 81-K4105K | (103) | X2D07—(Case lots 6) |        |

Six in ctn. Wt. ctn. 8 lbs.



## Guard-N-Gun

Nylon top, polyethylene suction tube and gasket. All impervious to chemicals. Finger-tip control valve, wide-mouth jar.

## Capacity 3 Gallons

| Each      |       |                     | Each   |
|-----------|-------|---------------------|--------|
| K3967K    | (104) | X1D19               | \$1.98 |
| 81-K3967K | (104) | X1D09—(Case lots 6) |        |

Six in ctn. Wt. ctn. 5 lbs.

## REDI MIX



## Lawn Master

Attaches to a garden hose for spraying insecticides, fungicides, weed killers and soluble plant food on lawns, and trees up to 30 feet high. Brass working parts. Shut-off valve. With attractive display card.

| Each      |       |                      | Each   |
|-----------|-------|----------------------|--------|
| K3968K    | (244) | X2D00                | \$2.99 |
| 81-K3968K | (244) | X1D80—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 15 lbs.

## SPRAYERS

## HUDSON

With Adjustable 2-Spray Nozzle

Adapted for all classes of work and densities of solution. Develops any type of spray from finest fog to coarse spray, as well as for spraying straight ahead or under leaves of shrubbery. Will not spit.



Cardinal

Continuous Spray

Approximate Capacity 3 Quarts

Will handle fly oils, repellents, disinfectants, deodorants and other spray solutions. For general use in dairy barns, poultry houses, public buildings—also in garden and other places where a forceful penetrating spray is necessary.

Heavy galvanized steel tank  $5\frac{3}{4} \times 6\frac{3}{4}$  inches doubled seamed and soldered with large threaded filler opening and cap.

Nu-action pump\*—Heavy tin  $1\frac{1}{2} \times 13$  inches. Nicely lithographed with steel plunger rod and leather plunger cup. Red enameled wood handle and plug. Combined hand grip and brace. 2-spray nozzles.

| Each     | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|----------|--------|--------|--------|------------------|------------------|------------------|
| 81-436-K | X2D38  | X2D42  | X2D60  | ...\$3.75        | 3.75             | 3.75             |

One in ctn. Wt. ctn.  $2\frac{3}{4}$  lbs.



Vapor

Intermittent Spray

Capacity 15 Ounces

Heavy timplat tank  $3\frac{3}{8}$  inches diameter,  $3\frac{1}{8}$  inches high. Lock-seamed and sealed. Pump  $1\frac{1}{4}$  inches diameter, 10 inches long. With black finish wood handle.

| Each       | Zone 1     | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|------------|------------|--------|--------|------------------|------------------|------------------|
| K4078K     | (222) D4C3 | D4C4   | D4C5   | ...\$0.59        | .60              | .63              |
| 81-K4078K  | (222) D4C1 | D4C2   | D4C4   | (Case lots 10)   |                  |                  |
| Ten in ctn |            |        |        | Wt. ctn. 5½ lbs. |                  |                  |

\* Nu-Action Pump—The end of pump is flared to permit pump leather to spread out at the end of every down-stroke resulting in better compression, more power and longer life.

Mercury  
Continuous Spray  
Capacity 1 Quart

Will handle all sediment-free solutions, such as disinfectants, deodorants, insecticides, etc. Will perform perfectly for wet or space spraying by adjusting pin to right or left.

Ideal for garden work, for the dairy farm, poultry houses and other farm buildings.

Heavy tin tank  $4\frac{1}{4} \times 4\frac{1}{2}$  inches, lock-seamed and soldered, with large threaded filler opening and cap.

Nu-action pump\*—Heavy tin  $1\frac{1}{2} \times 13$  inches. Nicely lithographed, with steel plunger rod and leather plunger cup. Red enameled wood handle and plug.

|                               |        |        |                     |                  |                  |                  |
|-------------------------------|--------|--------|---------------------|------------------|------------------|------------------|
| Each                          | Zone 1 | Zone 2 | Zone 3              | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
| K4085K (433)                  | X1D70  | X1D72  | X1D75...            | \$2.50           | 2.50             | 2.50             |
| 81-K4085K (433)               | X1D62  | X1D64  | X1D67—(Case lots 5) |                  |                  |                  |
| Five in ctn. Wt. ctn. 5¾ lbs. |        |        |                     |                  |                  |                  |

Comet  
Continuous Spray  
Capacity 1 Quart

For applying fly oils, insecticides, disinfectants, deodorants and other sediment-free solutions.

Heavy tin tank, lock-seamed and soldered. Threaded filler opening with screw cap.

Nu-action pump\*—Heavy tin, lithographed. Removable brass syphon tube and nozzle. Steel plunger rod and leather plunger cap. Black finish wood handle.

Tank  $4\frac{1}{4} \times 4\frac{1}{2}$  inches. Pump  $1\frac{1}{2} \times 13$  inches.

| Each                         |        | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>Each  | Zone 2<br>Each | Zone 3<br>Each |
|------------------------------|--------|--------|--------|--------|-----------------|----------------|----------------|
| K4084K                       | (431A) | X1D21★ | X1D23★ | X1D26★ | \$1.65          | 1.68           | 1.72           |
| 81-K4084K                    | (431A) | X1D15★ | X1D17★ | X1D20★ | —(Case lots 10) |                |                |
| Ten in ctn. Wt. ctn. 11 lbs. |        |        |        |        |                 |                |                |

For Zone Location See Section 8—Page 41

STAR ★ DENOTES BEST SELLER

## SPRAYERS

## HUDSON



Critic

Continuous Spray

Capacity 24 Ounces

Very efficient in the application of household insecticides and disinfectants as well as preparations for dairy barns, hog pens, poultry houses, etc. For wet or space spraying. 2-Spray nozzle.

Glass tank, specially designed, 4¼ inches diameter, 5¼ inches high, with wide mouth for easy filling, emptying and cleaning. Contents can be instantly determined.

Nu-action pump\*—Heavy tin 1½x13 inches, nicely lithographed. Syphon tube, container cap, nozzle screw cap and pump cone are brass to prevent corrosion. Steel plunger rod and leather plunger cup. Red enameled wood handle and plug.

| Each            | Zone 1 | Zone 2 | Zone 3 | Zone 1        | Zone 2 | Zone 3 |
|-----------------|--------|--------|--------|---------------|--------|--------|
| Each            | Each   | Each   | Each   | Each          | Each   | Each   |
| K4083K (428)    | X1D93  | X1D96  | X2D02  | \$2.90        | 2.90   | 2.90   |
| 81-K4083K (428) | X1D84  | X1D87  | X1D93  | (Case lots 5) |        |        |

Five in ctn. Wt. ctn. 11 lbs.

## HUDSON—NEBULIZORS



Cloud

Capacity 8 ozs.

Ribbed emerald green glass jar, 3½ inches diameter, 2 inches high, with 1½-inch opening. Heavy tinplate pump 1¼x10 inches with new action plunger and 4 jet spray feature. Beautifully lithographed in sparkling colors. Jar cap soldered to pump. Hardwood plug and handle.

| Each            | Zone 1 | Zone 2 | Zone 3 | Zone 1         | Zone 2 | Zone 3 |
|-----------------|--------|--------|--------|----------------|--------|--------|
| Each            | Each   | Each   | Each   | Each           | Each   | Each   |
| K4077K (208)    | D4C4   | D4C5   | D4C7   | \$0.65         | .65    | .65    |
| 81-K4077K (208) | D4C2   | D4C3   | D4C5   | (Case lots 10) |        |        |

Ten in ctn. Wt. ctn. 8¼ lbs.



Bantam

Capacity 5 ozs.

Ribbed green glass jar, 1¾ inches high. Opening 1½ inches. Heavy tin plate pump 1¼x8 inches with patented Air-pak plunger. Lithographed in two sparkling colors. Hardwood handle.

| Each            | Zone 1 | Zone 2 | Zone 3 | Zone 1         | Zone 2 | Zone 3 |
|-----------------|--------|--------|--------|----------------|--------|--------|
| Each            | Each   | Each   | Each   | Each           | Each   | Each   |
| K4076K (205)    | D3C0½★ | D3C2½★ | D3C4½★ | \$0.43         | .44    | .47    |
| 81-K4076K (205) | D3C0★  | D3C1★  | D3C3★  | (Case lots 20) |        |        |

Twenty in ctn. Wt. ctn. 12½ lbs.

\*Nu-Action Pump—The end of pump is flared to permit pump leather to spread out at the end of every down-stroke resulting in better compression, more power and longer life.

For Zone Location See Section 8—Page 41

STAR ★ DENOTES BEST SELLER

## SPRAYERS

## HUDSON—NEBULIZORS



Misty

Capacity 27 ozs.

Heavy tinplate tank, lock seamed and sealed throughout. Large  $1\frac{1}{2}$ -inch filler opening. Heavy tinplate pump,  $1\frac{1}{4}$ x12 inches with patented Nu-action plunger, recessed into top of container cap and securely anchored. Lithographed in three brilliant colors. Hardwood plug and handle.

| Each            | Zone 1 | Zone 2 | Zone 3 | Zone 1         | Zone 2 | Zone 3 |
|-----------------|--------|--------|--------|----------------|--------|--------|
|                 |        |        |        | ▲Each          | ▲Each  | ▲Each  |
| K4088K (444)    | D6C5   | D5C6   | D5C8   | \$1.00         | 1.00   | 1.00   |
| 81-K4088K (444) | D6C2   | D6C3   | D6C5   | (Case lots 10) |        |        |

Ten in ctn. Wt. ctn.  $7\frac{1}{2}$  lbs.

Handy

Capacity 27 ozs.

Does a splendid job around the yard on flowers and shrubs, in the poultry house, dairy barn, etc. Handles efficiently all insecticides, disinfectants, deodorants, fly oils, etc.

Heavy tin tank  $4\frac{1}{4}$ x3 $\frac{7}{8}$  inches, double seamed and soldered, with large threaded filler opening and cap.

Nu-Action Pump—Heavy tin  $1\frac{1}{4}$ x12 inches, nicely lithographed. Steel plunger rod and leather plunger cup. Black finish wood handle.

| Each            | Zone 1               | Zone 2               | Zone 3 | Zone 1         | Zone 2 | Zone 3 |
|-----------------|----------------------|----------------------|--------|----------------|--------|--------|
|                 |                      |                      |        | ▲Each          | ▲Each  | ▲Each  |
| K4087K (440)    | D5C1 $\frac{1}{2}$ ★ | D5C2 $\frac{1}{2}$ ★ | D5C4★  | \$0.70         | .72    | .74    |
| 81-K4087K (440) | D4C9★                | D5C0★                | D5C2★  | (Case lots 10) |        |        |

Ten in ctn. Wt. ctn. 8 lbs.



Eclipse

Capacity 1 qt.

Stainless Steel

For virtually any liquid used in pest control. Continuous light or heavy spray at the flick of a finger.

Stainless steel  $1\frac{1}{2}$ x13 inch pump barrel, rod, screw cap with spray-proof "O" ring gasket and adjustable two spray nozzle for mist or coarse spray. Hardwood handle firmly attached. Stainless steel container with  $2\frac{3}{4}$  inch opening and standard mason jar thread.

| Each            | Zone 1 | Zone 2 | Zone 3 | Zone 1        | Zone 2 | Zone 3 |
|-----------------|--------|--------|--------|---------------|--------|--------|
|                 |        |        |        | ▲Each         | ▲Each  | ▲Each  |
| K4089K (447)    | X5D33  | X5D41  | X5D47  | \$7.95        | 7.95   | 7.95   |
| 81-K4089K (447) | X5D13  | X5D16  | X5D21  | (Case lots 5) |        |        |

Five in ctn. Wt. ctn. 9 lbs.

## COMPRESSED AIR SPRAYERS



Booster

Capacity  $3\frac{1}{2}$  Gallons

Saf-T-Lok seal assures ease of closing and opening and safety never before possible in a moderately-priced sprayer. Multi-Spray nozzle adjusts to any spray. Handles all spray solutions.

**Tank**— $3\frac{1}{2}$  gals.  $7\frac{1}{2}$ x19 $\frac{1}{2}$  inches. Premium quality galvanized steel. Welded seams. Saf-T-Lok seal. Saf-T-Clip tube holders. 1x40 inch strap.

**Pump**—12x1 $\frac{3}{4}$  inches. Seamless brass tubing. Locked into tank against spray-proof gasket by wide cam plate traveling within large cam ring. All air can escape before cams disengage. Withdraws as unit. Air-Pak design. Kwik-Chek valve. Malleable "D" handle.

**Discharge Equipment**—41 inches overall. 20x $\frac{3}{8}$ -inch Spray-Proof hose. Roto-Valve spray control. Multi-Spray extension set—18 inch curved brass tube with nozzle with cone spray cap adjustable for any spray.

| Each      | Zone 1 | Zone 2 | Zone 3 | Zone 1  | Zone 2 | Zone 3 |
|-----------|--------|--------|--------|---------|--------|--------|
|           |        |        |        | ▲Each   | ▲Each  | ▲Each  |
| 81-291C-K | X7D65★ | X7D79★ | X8D06★ | \$10.95 | 11.15  | 11.55  |

One in ctn. Wt. ctn.  $8\frac{3}{4}$  lbs.

For Zone Location See Section 8—Page 41

STAR ★ DENOTES BEST SELLER

## COMPRESSED AIR SPRAYERS

HUDSON


**Perfection—Simplex**  
**Capacity 4 Gallons**

Suited to heavy spraying jobs and will successfully spray any spraying solution that can be handled by pressures from 75 to 80 lbs. per square inch. Effective with cold water paints, whitewash and slurries.

**Tank**—Premium quality, galvanized, steel, 7½ inch diameter, 22 inches high. Completely seam welded and pressure sealed. Large oval opening 3¾x4¾ inches. Cover is locked tightly in place by the pressure within the tank. Safe, foolproof. Tested to 100 lbs. pressure.

**Pump**—Sealed by the Simplex feature against a durable, long-life, spray proof gasket inside the tank. "Nu Action" patented plunger develops 30% more pressure. Size 1¾x15½-inch seamless brass tubing with Perfection poppet valve with spray-proof valve check. Valve is absolutely air and liquid tight.

**Discharge Equipment**—69 inches overall. 42x¾ inch spray-proof hose. Roto-Valve spray control. Roto-Spray extension set—24 inch brass tube with adjustable nozzle with flat-fan cap. Extra cone cap adjusts from fine to long distance spray. Adjusts to any spray angle.

| Each                         | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|------------------------------|--------|--------|--------|------------------|------------------|------------------|
| 81-310C-K                    | X12D18 | X12D33 | X12D63 | \$18.95          | 18.95            | 18.95            |
| One in ctn. Wt. ctn. 11 lbs. |        |        |        |                  |                  |                  |

**Leader**

Has extra-value features at an attractive price. Handles all spray solutions.

**Tank**—3½ gals. 7½x19½ inches. Premium quality galvanized steel. Welded seams. Saf-T-Lok seal. Saf-T-Clip tube holders. 1x40 inch adjustable strap.

**Pump**—14x1¾ inches. Seamless brass. Locked into tank against spray-proof gasket by wide cam plate traveling with in large cam ring. All air can escape before cams disengage. Withdraws as unit. Air-Pak\* design. Kwik-Chek\* valve. Malleable "D" handle.

**Discharge Equipment**—54 inches overall. 27x ¾-inch Spray-Proof hose. Roto-Valve spray control. Roto-Spray extension set—24-inch brass tube with adjustable nozzle with flat-fan cap—extra cone cap adjusts from fine to long distance spray—adjusts to any angle.

| Each                         | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|------------------------------|--------|--------|--------|------------------|------------------|------------------|
| 81-293B-K                    | X9D34  | X9D38  | X10D15 | \$13.86          | 14.07            | 15.23            |
| One in ctn. Wt. ctn. 9½ lbs. |        |        |        |                  |                  |                  |


**Climax—Simplex**  
**Capacity 3½ Gallons**  
**Heavy Galvanized Steel Tank**

Suited for dozens of spraying jobs in homes and truck gardens, vine yards, orchards, dairy barns and other livestock houses, pens, etc. Handles at high pressure all insecticides, pesticides, agricultural chemicals, white wash, cold water paints and sprayable solutions.

**Tank**—7½ inch diameter, 19½ inches high. Strong, comfortable carrying strap. Rust-proof snaps. Saf-T-Clip tube holder on tank.

**Pump**—Size 1¾x14-inch seamless brass tubing, with Perfection poppet valve. Valve is air and liquid tight, impervious to spray chemicals. Easily accessible. Plunger has patented "Nu-Action" for maximum pressure with fewest strokes.

**Discharge Equipment**—¾-inch Spray-Proof high pressure spray hose 24 inches long. Roto-Valve rotatable spray control valve. Brass, 24 inch extension spray tube threaded at valve end with solid brass spray nozzle that adjusts to any spray, rotates to any angle. Flat-fan cap included.

| Each                          | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-------------------------------|--------|--------|--------|------------------|------------------|------------------|
| 81-335B-K                     | X10D86 | X11D00 | X11D30 | \$16.95          | 16.95            | 61.95            |
| One in ctn. Wt. ctn. 10¼ lbs. |        |        |        |                  |                  |                  |

**Favorite**

Home and garden compression sprayer. Will handle insecticide, weed killers and many other solutions. Adjustable to extra fine, fine, medium, coarse and long distance spraying.

Galvanized steel tank with welded seams. Saf-T-Lok design. Cam ring provides easy filling. Tested to 100 lbs. pressure. Seamless brass tubing pump, 1¾x10 inches. Nu-action plunger perfection poppet valve with HyCar check. Extra assembly seals against HyCar check. Malleable "D" handle. Tank trimmed in blue and red.

Complete with ¾-inch red spray-proof plastic hose 5 feet long. Roto-valve spray control valve. Curved brass extension 18 inches long. Nozzle adjusts to any spray. Rotates to any angle. Flat fan cap included.

Capacity 2 gallons. Size of tank 7½x11 inches.

| Each                         | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|------------------------------|--------|--------|--------|------------------|------------------|------------------|
| 81-9A-K                      | X7D64  | X7D75  | X7D97  | \$11.95          | 11.95            | 11.95            |
| One in ctn. Wt. each 7¼ lbs. |        |        |        |                  |                  |                  |

## COMPRESSED AIR SPRAYERS

## HUDSON



## Bugwiser

Safe-T-Lok seal, Multi spray nozzle makes the Bugwiser a greater value than ever.

**Tank**—3 gals. 7½x17 inches. Premium quality galvanized steel. Welded seams. Saf-T-Lok seal. Saf-T-Clip tube holders. 1x40-inch strap.

**Pump**—10x1¾ inches. Seamless brass tubing. Locked into tank against HyCar gasket by wide cam plate traveling within large cam ring. All air can escape before cams disengage. Withdraws as unit. Air-Pak design. Kwik-Chek valve. Malleable "D" handle

**Discharge Equipment**—41 inches overall. 20x¾-inch Spray-Proof hose. Roto-Valve spray control. Multi-Spray extension set—18 inch curved brass spray tube with nozzle with cone spray cap adjustable for any spray.

## For All Small Homes and Garden Spraying

## Capacity 3 Gallons

| Each      | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|-----------|--------|--------|--------|------------------|------------------|------------------|
| 81-220C-K | X7D23★ | X7D35★ | X7D58★ | \$10.35          | 10.50            | 10.85            |

One in ctn. Wt. ctn. 8¼ lbs.



## Clipper

## Saf-T-Lok Compression

**Tank**—Premium quality galvanized steel with welded seams and wide cam ring for easy filling. Size 7½x8½ inches.

**Pump**—8x1¾ inches, seamless brass tubing locked into tank against Hy-Car gasket by wide cam-plate travelling within cam-ring. Air-pak design with kwik-check valve. Malleable D handle.

**Discharge Equipment**—20x¾ inch spray proof hose. Roto-valve rotatable spray control. Curved brass extension 12 inches long. Brass nozzle adjusts to any spray. Length overall 35 inches.

## Capacity 1½ Gallons

| Each     | Zone 1 | Zone 2 | Zone 3   | Zone 1<br>▲ Each | Zone 2<br>▲ Each | Zone 3<br>▲ Each |
|----------|--------|--------|----------|------------------|------------------|------------------|
| 81-215-K | X6D71  | X6D81  | X7D00... | \$9.60           | 9.75             | 10.00            |

One in ctn. Wt. ctn. 12 lbs.

## SPRAY HOSE DISPLAYS

## HUDSON



## Sales-Maker

Colorful handy display. Takes 1¼ square feet of space. Displays 200 feet of ¾ inch Kem-Oil "250" spray-proof hose with handy measuring rule on top.

Hose has a tough durable cover, a special woven fabric braid and a spray-proof inner liner.

## Display with 200 Feet of Hose and 24 Clamps

| Per Display | Zone 1 | Zone 2 | Zone 3 | Zone 1<br>▲ Per Foot | Zone 2<br>▲ Per Foot | Zone 3<br>▲ Per Foot |
|-------------|--------|--------|--------|----------------------|----------------------|----------------------|
| 81-SM200-K  | X44D00 | X45D00 | X46D00 | \$0.35               | .35                  | .35                  |

One display in ctn. Wt. ctn. 40 lbs.

## NOZZLE DISPLAYS

## HUDSON



## Sales-Maker

Colorful display card mounted with twelve 5-spray nozzles and 3 flat-fan caps in gleaming brass. Each 5-spray nozzle has a cone nozzle cap, adjustable for extra fine, fine, medium, coarse or long distance spray. Cone cap may be replaced with the flat-fan cap for flat-fan spray. Each nozzle and nozzle cap completely assembled, complete with long brass strainer.

## Display with Twelve 5-Spray Nozzles and Three Flat-fan Nozzle Caps

| Per Display | Zone 1 | Zone 2 | Zone 3   | Zone 1<br>▲ Per Display | Zone 2<br>▲ Per Display | Zone 3<br>▲ Per Display |
|-------------|--------|--------|----------|-------------------------|-------------------------|-------------------------|
| R-SM15-K    | X9D56  | X9D60  | X10D20.. | \$16.05                 | 16.05                   | 16.05                   |

One display in ctn. Wt. ctn. 2¾ lbs.

For Zone Location See Section 8—Page 41

STAR ★ DENOTES BEST SELLER

## SERVICE PARTS ASSORTMENTS

### HUDSON



#### Friend Maker

A handy selection of the most needed service parts packed as a kit in a transparent plastic hinged box. Simplifies selling and measures sales.

#### Contains:

#### For Roto-Valve Spray Control

- 4230-4 Pin.
- 5488 Valve Tip.
- 5196  $\frac{1}{16}$  inch-O. D. O-Ring Gasket.

#### For Pumps

- 5084 Kwik-Chek Valve Spring.
- 5180 Kwik-Chek Valve Gasket.
- 5188 Perfection Valve Spring.
- 4005-306 Perfection Valve Check.
- 5311  $\frac{1}{8}$  inch-Thick Top Gasket.
- 5061  $\frac{15}{64}$  inch-Thick Top Gasket.
- 4737-302 Plunger Assembly Set (leather with expander).

#### For Standard Nozzle

- 2050 Screen.
- 5051 Gasket.
- 2047 Breaker Disc.
- 2042 Fine Disc.
- 2041 Medium Disc.

#### For 5-Spray Nozzle

- 5392  $\frac{1}{2}$  inch-O. D. O-Ring Gasket.

#### Twelve Kits in Display Carton

| Per Carton | Zone 1 | Zone 2 | Zone W |
|------------|--------|--------|--------|
| R-FM12-K   | X8D22★ | X8D25★ | X8D30★ |

## SPRAYER REPAIRS

### HUDSON

#### NOZZLE CAPS



Brass

|          |                        |        |
|----------|------------------------|--------|
| Each     |                        | Each   |
| R-1030-K | D1C8.....              | \$0.29 |
|          | Loose. Wt. each 2 ozs. |        |

#### FOG NOZZLE SCREENS



|          |                        |        |
|----------|------------------------|--------|
| Each     |                        | Each   |
| R-2050-K | D0C6.....              | \$0.10 |
|          | Loose. Wt. dozen 1 oz. |        |

#### FOG NOZZLES



ANGLE

Machined entirely of brass, cap and body machined, not stamped. Practical for all general spraywork. Equipped with removable brass screen and reversible spray disc. Threaded with  $\frac{1}{4}$ -inch standard taper pipe thread.

|             |                                   |        |
|-------------|-----------------------------------|--------|
| Each        |                                   | Each   |
| R-4168/51-K | D6C0.....                         | \$0.90 |
|             | Loose. Wt. each $\frac{1}{8}$ lb. |        |

#### FOG NOZZLE DISCS



Outside, Coarse

|          |                         |        |
|----------|-------------------------|--------|
| Each     |                         | Each   |
| R-2040-K | D0C6.....               | \$0.10 |
|          | Loose. Wt. dozen 2 ozs. |        |



Inside

|          |                         |        |
|----------|-------------------------|--------|
| Each     |                         | Each   |
| R-2047-K | D0C6.....               | \$0.10 |
|          | Loose. Wt. dozen 2 ozs. |        |



Coarse—Whitewash

|          |                        |        |
|----------|------------------------|--------|
| Each     |                        | Each   |
| R-2048-K | D0C6.....              | \$0.10 |
|          | Loose. Wt. dozen 1 oz. |        |

#### FOG NOZZLE WASHERS



For No. 4168/51  
Fog Nozzles  
High grade rubber

|          |                                    |        |
|----------|------------------------------------|--------|
| Each     |                                    | Each   |
| R-5051-K | D0C6.....                          | \$0.10 |
|          | Seventy-two in box. Wt. box 9 lbs. |        |

#### HOSE CONNECTIONS



Brass

|          |                        |        |
|----------|------------------------|--------|
| Each     |                        | Each   |
| R-1047-K | D3C0.....              | \$0.45 |
|          | Loose. Wt. each 2 ozs. |        |

#### HOSE CLAMPS



| Each     |       | For<br>Hose,<br>in. | Wt.<br>Each,<br>ozs. | Each   |
|----------|-------|---------------------|----------------------|--------|
| R-5111-K | D0C6  | $\frac{3}{8}$       | $\frac{1}{2}$        | \$0.10 |
| R-5113-K | D0C6  | $\frac{1}{2}$       | $\frac{1}{2}$        | .10    |
|          | Loose |                     |                      |        |

#### VALVE PINS



For 4370 Shut Off

|            |                       |        |
|------------|-----------------------|--------|
| Each       |                       | Each   |
| R-4230/4-K | D1C18.....            | \$0.29 |
|            | Loose. Wt. each 1 oz. |        |

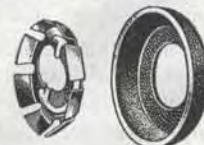
#### MOLDED HY-CAR TIPS



For 4230/4 Pin

|          |                                   |        |
|----------|-----------------------------------|--------|
| Each     |                                   | Each   |
| R-5488-K | D0C6.....                         | \$0.10 |
|          | Loose. Wt. each $\frac{1}{2}$ oz. |        |

#### PLUNGER ASSEMBLY SET



For all compression sprayers except 710B, 710C, 710SC, 735, 735S.

Assembly set consists of cup leather,  $1\frac{3}{4}$  inches diameter, stainless steel expander set.

(302)

|              |                                   |         |
|--------------|-----------------------------------|---------|
| Each         |                                   | Per Set |
| R-4737-302-K | D1C8.....                         | \$0.29  |
|              | Loose. Wt. each $\frac{1}{2}$ oz. |         |

For Zone Location See Section 8—Page 41

STAR ★ DENOTES BEST SELLER

## SPRAYER REPAIRS

HUDSON

## PUMP ASSEMBLIES



Complete with D handle, plunger assembly, galvanized cover, oil resistant gasket, spider plate and finger assembly.

For Nos. 701, 235, 241 and 741.  
Each ..... Each  
R-4009/306-K X3D60 ..... \$6.05  
Loose. Wt. each 2 lbs.

Complete with 12 inch brass pump cylinder with valve, plunger and handle assembly with cam lock cap and gasket.

For Nos. 191 and 291.  
Each ..... Each  
R-4423/302-K X2D70 ..... \$4.45  
Loose. Wt. each 2 lbs.

## PUMP CYLINDERS



Brass, with check valve. 1 3/4 x 14 inches.

For Nos. 235, 241, 741 and 701.  
Each ..... Each  
R-4005-56-K X1D65 ..... \$2.50  
Loose. Wt. each 1/2 lb.

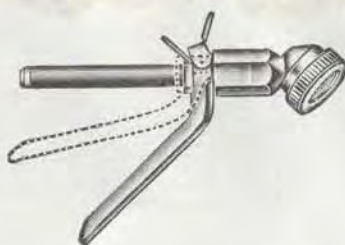
## SHUT-OFF ASSEMBLIES



Shut-off valve pin with spring, packing nut and packing.

Each ..... Each  
R-4161/306-K D3C6 ..... \$0.55  
Loose. Wt. each 2 ozs.

## PERFECTION CONTROL VALVES



Locks open for continuous spraying. All brass, all parts carefully machined. Liquid channels are non-clogging. Reversible spray disc adapts it for fine or coarse spray, or when removed, for solid stream. Threaded with 1/4-inch standard taper pipe thread. Suited for use with all makes of compression sprayers.

Each ..... Each  
R-4371-K—X1D56 With Nozzle ..... \$2.35  
Wt. each 1/2 lb.

R-4370-K—D9C6 Without Nozzle ..... 1.45  
Wt. each 1/8 lb.

## EXTENSION SPRAY TUBES



Brass

Length 2 feet. All with 1/4-inch pipe thread (both ends).

Each ..... Each  
R-4175/62-K D7C5 ..... \$1.12  
Loose. Wt. each 1/4 lb.

## DISCHARGE ASSEMBLIES



30 inch hose with control valve, 22 inch brass extension tube and No. 4168/51 fog nozzle.

Each ..... Each  
R-4609/302-K X2D85 ..... \$4.28  
Loose. Wt. each 1 1/4 lbs.

CHECK VALVE CUP  
AND SEAT ASSEMBLY

For Nos. 210, 710, 735, 709, 740, 711, 293, 310, 335, 341, 210, 235, 241, 9, 701W.

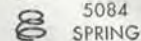
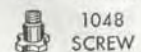
Each ..... Each  
R-4005/308-K D2C4 ..... \$0.35  
Loose. Wt. each 1 oz.

## CHECK VALVE CHECKS ONLY

For above.

Each ..... Each  
R-4005/306-K DC9 ..... \$0.15  
Loose. Wt. each 1 oz.

## AIR VALVE ASSEMBLIES

5180  
GASKETKwik-Chek Valve For  
Air-Pak Pumps2518  
DISCFor 293B, 292, 192,  
291, 220, 211, 115, 191,  
138 sprayers.5084  
SPRING1048  
SCREW

Each ..... Each  
R-5180-K—Gasket DC6 ..... \$ 0.10  
R-2518-K—Metal Disc DC3 ..... .05  
R-5084-K—Spring DC6 ..... .10  
R-1048-K—Screw DC6 ..... .10  
Loose. Wt. each 1 oz.

## Complete Assembly

One each Nos. 5180, 2518, 5084 and 1048.

Per Assembly ..... Per Assembly  
R-1048-302-K D2C1 ..... \$0.35  
Loose. Wt. assembly 4 ozs.

## GASKETS



For Sprayers Nos. 210 and 750.

Size 6 1/4 O.D. x 5 3/8 I.D. x 1/16 inches.

Each ..... Each  
R-5054-K D4C5 ..... \$0.68  
Wt. each 1 1/4 ozs.

For Sprayers Nos. 235, 241 and 701.

Size 4 1/4 O.D. x 3 7/8 I.D. x 1/4 inches.

Each ..... Each  
R-5053-K D2C1 ..... \$0.32  
Wt. each 1 1/4 ozs.

For Sprayers 310, 335, 35G3, 341, 710, 735,  
711, 740, 293, 292, 235, 210 and 139.

Size 2 1/8 O.D. x 1 3/4 I.D. x 1/8 inches Thick

Each ..... Each  
R-5311-K D1C5 ..... \$0.22  
Wt. each 1/16 oz.

For Sprayers Nos. 9, 293, 291, 120, 191, 220,  
211, 115 and 120.

Size 2 3/4 O.D. x 1 7/8 I.D. x 15/64 inches.

Each ..... Each  
R-5061-K D1C5 ..... \$0.22  
Loose. Wt. each 1/8 oz.

## LEATHERS

Pump Plunger  
1 1/4 inch O.D.

For All Compression Type Sprayers

Each ..... Each  
R-5067-K D1C1 ..... \$0.17  
Wt. each 1/8 oz.

## CUP

For Nos. 12CA, 36 and 37, 1 1/4 inch O.D.

Each ..... Each  
R-5068-K D1C8 ..... \$0.27  
Wt. each 1/4 oz.

For Nos. 4A, 34 and 35, 1 5/8 inch O.D.

Each ..... Each  
R-5069-K D1C8 ..... \$0.27  
Loose. Wt. each 1/4 oz.

Items marked ✕ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B. Hastings, Minn.

**SPRAYER REPAIRS****HUDSON  
GASKET**

Seals nozzle cap to nozzle body.

**For Multi-Spray Nozzle on Nos. 115,  
220B and 291B Sprayers**

**For Roto-Spray Nozzle on Nos. 9A,  
293B, 335A and 310B Sprayers**

|          |       |                |        |
|----------|-------|----------------|--------|
| Each     |       | Wt. Each, ozs. | ▲ Each |
| R-7022-K | D0C6  | 1/2            | \$0.10 |
|          | Loose |                |        |

**CONE SPRAY CAP**

**For Multi-Spray Nozzle on Nos. 115,  
220B and 291B Sprayers**

**For Roto-Spray Nozzles on Nos. 9A,  
293B, 335A and 310B Sprayers**

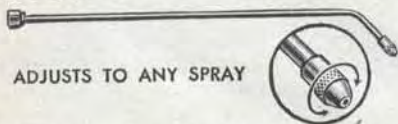
|            |       |                |        |
|------------|-------|----------------|--------|
| Each       |       | Wt. Each, ozs. | ▲ Each |
| R-1347/6-K | D1C2  | 1              | \$0.20 |
|            | Loose |                |        |

**FLAT FAN SPRAY CAP**

**For Multi-Spray Nozzle on Nos. 115,  
220B, and 291B Sprayers**

**For Roto-Spray Nozzles on Nos. 9A,  
293B, 335A and 310B Sprayers**

|            |       |                |        |
|------------|-------|----------------|--------|
| Each       |       | Wt. Each, ozs. | ▲ Each |
| R-1540/5-K | D1C5  | 1              | \$0.25 |
|            | Loose |                |        |

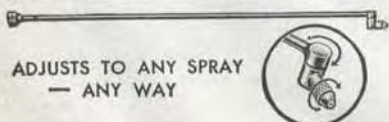
**MULTI-SPRAY EXTENSION**

ADJUSTS TO ANY SPRAY

18 inch extension rod with nozzle complete.

**For 1/4 inch standard pipe thread  
used on Sprayers Nos. 115, 220B and 291B**

|            |       |                |        |
|------------|-------|----------------|--------|
| Each       |       | Wt. Each, ozs. | ▲ Each |
| R-4195/5-K | D9C6  | 8              | \$1.60 |
|            | Loose |                |        |

**ROTO-SPRAY EXTENSION**

ADJUSTS TO ANY SPRAY  
— ANY WAY

24 inch extension rod with nozzle complete.

**For 1/4 inch standard pipe thread used  
on sprayers Nos. 9A, 293B, 335A and 310B**

|            |       |                |        |
|------------|-------|----------------|--------|
| Each       |       | Wt. Each, ozs. | ▲ Each |
| R-4195/8-K | X1D40 | 8              | \$2.30 |
|            | Loose |                |        |

## SPRAYER REPAIRS

### HUDSON

These attractive repair cabinets contain the parts most frequently needed, each in separate compartment for quick selection. Label on top of cabinet shows part number, name and suggested list price.



#### CONTENTS OF HUDSON NO. 2XLB PARTS CABINET

| Quan.  | No.      | Description                                                                                                             | List       | Quan. | No.      | Description                                                                                                       | List       |
|--------|----------|-------------------------------------------------------------------------------------------------------------------------|------------|-------|----------|-------------------------------------------------------------------------------------------------------------------|------------|
| 10     | 5111     | $\frac{3}{8}$ " hose clamp.....                                                                                         | \$0.10 ea. | 3     | 5047     | Leather gasket for packing nut for 4161 shut-off.....                                                             | \$0.05 ea. |
| 2      | 5113     | $\frac{1}{2}$ " hose clamp.....                                                                                         | .10 ea.    |       |          |                                                                                                                   |            |
| 3      | 4300     | Air release valve assembly for cover of Simplex Models.....                                                             | .10 ea.    | 3     | 5039     | Felt plunger washers for 122, 133.....                                                                            | .10 ea.    |
| 3      | 5433     | Spring for 4370 shut-off.....                                                                                           | .10 ea.    | 3     | 5040     | Felt plunger washers for 112, 123 and 223.....                                                                    | .10 ea.    |
| 2      | 2391     | Brass washer for No. 4370.....                                                                                          | .05 ea.    | 2     | 5053     | Hy-car cover gasket for 235, 241, 701W....                                                                        | .35 ea.    |
| 6      | 4230-4   | Valve pin assembly for 4370 shut-off.....                                                                               | .30 ea.    | 10    | 5192     | Hy-car cover gasket for 310, 335, 341, 710, 711T, 735, 740.....                                                   | .30 ea.    |
| 15     | 5488     | Molded Hy-car tips for 4230-4 pin for 4370 shut-off.....                                                                | .10 ea.    | 5     | 4370     | Roto-valve shut-off.....                                                                                          | 1.60 ea.   |
| 15     | 5196     | "O" ring packing gasket for 4370 shut-off, 2-spray continuous nozzle and plunger and hose connect for 219 and 219B..... | .10 ea.    | 3     | 4370-304 | Valve handle and lock lever for 4370 shut-off.....                                                                | .15 ea.    |
| 2      | 4161-306 | Valve pin assembly for 4161 shut-off.....                                                                               | .60 ea.    | 15    | 4737-302 | Plunger cup leather and stainless steel expander for compression sprayer except 710 and 735.....                  | .25 ea.    |
| 1      | 4145-306 | Valve pin assembly for 4145 shut-off.....                                                                               | .60 ea.    | 20    | 5061     | Hy-car gaskets for all pump cylinders with flanged top.....                                                       | .25 ea.    |
| 2      | 4161-2   | Valve pin and tip only for 4161 shut-off....                                                                            | .30 ea.    | 15    | 5311     | Hy-car gaskets for all pump cylinders with threaded top.....                                                      | .25 ea.    |
| 2      | 4166-51  | Fog nozzle—straight.....                                                                                                | 1.00 ea.   | 4     | 5069     | 1 $\frac{5}{8}$ " plunger cup leather for 4, 34, 35, 3400, 3500.....                                              | .30 ea.    |
| 4      | 4168-51  | Fog nozzle—angle.....                                                                                                   | 1.00 ea.   | 4     | 5068     | 1 $\frac{1}{4}$ " plunger cup leather for 126, 36, 37, 3600, 3700.....                                            | .25 ea.    |
| 3      | 4350-312 | 5-spray nozzles $\frac{1}{4}$ " pipe threaded.....                                                                      | 1.25 ea.   | 5     | 5367     | "U" cup packing for 223, 223A, 223B.....                                                                          | .45 ea.    |
| 3      | 2476     | Tubular strainer screens 5-spray nozzle....                                                                             | .15 ea.    | 5     | 5418     | "U" cup packing for 219, 219A, 219B.....                                                                          | .40 ea.    |
| 15     | 5392     | "O" ring gasket for 5-spray nozzles.....                                                                                | .15 ea.    | 1     | 2038     | 1 $\frac{1}{4}$ "x5" brass wire screen for all Moro, 4B King, 3400A, 3500A, all 3600 and 3700 Porta-sprayers..... | 1.15 ea.   |
| 3      | 1030     | Nozzle cap.....                                                                                                         | .30 ea.    | 1     | 2039     | 1 $\frac{1}{2}$ "x6" brass wire screen for all 4 King, all 34 and 35 Porta-sprayers.....                          | 1.15 ea.   |
| 12     | 2050     | Nozzle screens.....                                                                                                     | .10 ea.    | 5     | 5393     | "O" ring gasket for plunger and for hose connector for 223A, 223B.....                                            | .20 ea.    |
| 5      | 1347     | Cone spray cap with .064" orifice for 5-spray nozzle—regular.....                                                       | .25 ea.    | 5     | 4158-304 | Nozzle and "O" ring assembly w/pin for continuous 2-spray except 438B.....                                        | .30 ea.    |
| 12     | 5051     | Hy-car nozzle gasket, oil-resistant.....                                                                                | .10 ea.    |       |          |                                                                                                                   |            |
| 12     | 2047     | Nozzle breaker disc, regular.....                                                                                       | .10 ea.    |       |          |                                                                                                                   |            |
| 2      | 1540     | Flat fan spray cap for 5-spray nozzle.....                                                                              | .35 ea.    |       |          |                                                                                                                   |            |
| 3      | 1301     | Cone spray cap with .040" orifice for 5-spray nozzle—fine spray.....                                                    | .25 ea.    |       |          |                                                                                                                   |            |
| 1      | 5171     | Bordeaux nozzle.....                                                                                                    | 2.00 ea.   |       |          |                                                                                                                   |            |
| 6      | 2048     | Nozzle breaker disc for whitewash.....                                                                                  | .10 ea.    |       |          |                                                                                                                   |            |
| 8 sets | 1048-302 | Kwik-Chek air valve assembly for 293B, 292, 192, 291, 220, 191, 138.....                                                | .35 set    |       |          |                                                                                                                   |            |
| 6      | 2252     | Nozzle disc—stainless steel, solid cone spray.....                                                                      | .25 ea.    |       |          |                                                                                                                   |            |
| 6      | 2253     | Nozzle disc—stainless steel, flat-fan spray..                                                                           | .25 ea.    |       |          |                                                                                                                   |            |
| 12     | 2041     | Nozzle disc—hollow cone, medium spray....                                                                               | .10 ea.    |       |          |                                                                                                                   |            |
| 6      | 2040     | Nozzle disc—hollow cone, coarse spray....                                                                               | .10 ea.    |       |          |                                                                                                                   |            |
| 6      | 2042     | Nozzle disc—hollow cone, fine spray.....                                                                                | .10 ea.    |       |          |                                                                                                                   |            |
| 5 sets | 4005-308 | Perfection air valve assembly (5188 spring, 4005-306 check and 1079 housing).....                                       | .40 set    |       |          |                                                                                                                   |            |

Each      Zone 1    Zone 2    Zone W  
 2XLB-K   X47D47   X47D65   X50D70

Wt. each 14 $\frac{1}{2}$  lbs.

Items marked ✕ not carried in stock. Can only be furnished by shipping direct from factory, F. O. B., Hastings, Minn.  
 For Zone Location see Sec. 8—Page 41

## SPRAYER REPAIRS

## HUDSON



These attractive repair cabinets contain the parts most frequently needed, each in separate compartment for quick selection. Label on top of cabinet shows part number, name and suggested list price.

## CONTENTS OF HUDSON NO. XLB PARTS CABINET

| Quan. | No.      | Description                                                                                       | List       | Quan.  | No.      | Description                                                                                                            | List       |
|-------|----------|---------------------------------------------------------------------------------------------------|------------|--------|----------|------------------------------------------------------------------------------------------------------------------------|------------|
| 12    | 4737-302 | Plunger cup leather and stainless steel expander for compression sprayer, except 710 and 735..... | \$0.25 ea. | 10     | 5311     | Hy-car gaskets for all pump cylinders with threaded top.....                                                           | \$0.25 ea. |
| 5     | 5192     | Hy-car cover gasket for 310, 335, 341, 710, 711T, 735, 740.....                                   | .30 ea.    | 2      | 4161-306 | Valve pin assembly for No. 4161 shut-off..                                                                             | .60 ea.    |
| 10    | 5061     | Hy-car gaskets for all pump cylinders with flanged top.....                                       | .25 ea.    | 2      | 4161-2   | Valve pin and tip only No. 4161 shut-off..                                                                             | .30 ea.    |
| 2     | 1030     | Nozzle cap.....                                                                                   | .30 ea.    | 1      | 4370-304 | Valve handle and lock lever for 4370 shut-off.....                                                                     | .15 ea.    |
| 12    | 2050     | Nozzle screens.....                                                                               | .10 ea.    | 2      | 4230-4   | Valve pin for 4370 shut-off.....                                                                                       | .30 ea.    |
| 1     | 1540     | Flat-fan spray cap for 5-spray nozzle.....                                                        | .35 ea.    | 10     | 5488     | Molded Hy-car tips for 4230-4 pin for 4370 shut-off.....                                                               | .10 ea.    |
| 2     | 1347     | Cone spray cap with .064" orifice for 5-spray nozzle.....                                         | .25 ea.    | 2      | 2391     | Brass washer for No. 4370.....                                                                                         | .05 ea.    |
| 2     | 1301     | Cone spray cap with .040" orifice for 5-spray nozzle.....                                         | .25 ea.    | 2      | 5433     | Spring for 4370 shut-off.....                                                                                          | .10 ea.    |
| 2     | 2476     | Tubular strainer screen for 5-spray nozzle.....                                                   | .15 ea.    | 3 sets | 1048-302 | Kwik-check air valve assembly for 293C, 292, 192, 291, 220, 191, 138.....                                              | .35 set    |
| 1     | 4168-51  | Fog nozzle—angle.....                                                                             | 1.00 ea.   | 2 sets | 4005-308 | Perfection air valve assembly (5188 spring, 4005-306 check and 1079 housing).....                                      | .40 set    |
| 1     | 4166-51  | Fog nozzle—straight.....                                                                          | 1.00 ea.   | 2      | 4300     | Air release valve assembly for cover of Simplex models.....                                                            | .10 ea.    |
| 12    | 2047     | Nozzle breaker disc, regular.....                                                                 | .10 ea.    | 2      | 4158-304 | Nozzle and "O" ring assembly with pin for continuous 2-spray except 438B....                                           | .30 ea.    |
| 6     | 2041     | Nozzle disc—hollow cone, medium spray..                                                           | .10 ea.    | 2      | 5069     | 1 5/8" plunger cup leathers for 4, 34, 35....                                                                          | .30 ea.    |
| 6     | 2048     | Nozzle breaker disc for whitewash.....                                                            | .10 ea.    | 2      | 5068     | 1 1/4" plunger cup leathers for 126, 36, 37..                                                                          | .25 ea.    |
| 6     | 2042     | Nozzle disc—hollow cone, fine spray.....                                                          | .10 ea.    | 10     | 5196     | "O" ring packing gasket for 4370 shut-off, continuous 2-spray nozzle and plunger and hose connect for 219 and 219B.... | .10 ea.    |
| 3     | 2252     | Nozzle disc—stainless steel, solid cone spray.....                                                | .25 ea.    | 5      | 5392     | "O" ring gasket for 5-spray nozzles.....                                                                               | .15 ea.    |
| 3     | 2253     | Nozzle disc—stainless steel, flat-fan spray.....                                                  | .25 ea.    | 4      | 5393     | "O" ring gasket for plunger and hose connector for 223A, 223B, 364B.....                                               | .20 ea.    |
| 6     | 5111     | 3/8" hose clamp.....                                                                              | .10 ea.    |        |          |                                                                                                                        |            |
| 3     | 5113     | 1/2" hose clamp.....                                                                              | .10 ea.    |        |          |                                                                                                                        |            |
| 12    | 5051     | Hy-car nozzle gasket, oil-resistant.....                                                          | .10 ea.    |        |          |                                                                                                                        |            |

Each Zone 1 Zone 2 Zone W  
R-XLB-K X16D65 X16D71 X17D75

Wt. each 4 1/2 lbs.

## PINE TAR

## DIXIE

A product that is used as a lubricant for heavy machinery. Also for husking, sheep dip and to heal sores on cattle and horses, and as a preventive for buffalo gnats on live stock



| Per Can | Size                   | Per Can |
|---------|------------------------|---------|
| K3899K  | (1/2 PPT) D1C8 1/2 pt. | \$0.29  |

Seventy two in ctn Wt. ctn. 54 lbs.

|         |                             |     |
|---------|-----------------------------|-----|
| K3900K  | (1 PPT) D3C0 1 pt.          | .45 |
| KX3900K | (1 PPT) D2C8—(Case lots 24) |     |

Twenty four in ctn. Wt. ctn. 36 lbs.

## CUP LEATHERS



For use in blow torches, lamps, spray and grease guns, air pumps, insecticide sprayers, etc.

Specially tanned leather, accurately made to fit properly and function in all makes of equipment.

Assortment consists of 78 cup leathers for 16 different cylinder sizes from 5/8 to 1 3/4 inches diameter.

| Qty. | Size Cup, in. | For Cyl. in. | Qty. | Size Cup, in. | For Cyl. in.  |
|------|---------------|--------------|------|---------------|---------------|
| 6    | 5/8           | 5/8 2 1/2    | 12   | 1 1/16        | 1 1/16 1 1/8  |
| 12   | 1 1/16        | 1 1/16 3/4   | 12   | 1 3/16        | 1 3/16 1 1/2  |
| 12   | 2 1/16        | 2 1/16 1 1/2 | 6    | 1 1/2         | 1 1/2 1 3/4   |
| 12   | 1 5/8         | 1 5/8 1      | 6    | 1 11/16       | 1 11/16 1 3/4 |

Per Assortment

R-78-K X1D80★

One asst. in ctn. Wt. ctn. 3 1/2 lb.

For Zone Location see Sec. 8—Page 41

STAR ★ DENOTES BEST SELLER

## SPRAY HOSE

## SWAN



Designed especially for compressed air sprayers. Smooth seamless inner tube reinforced with braid of Du Pont "Cordura" rayon cord. Tough wear-resisting black rubber cover. Will withstand 700 lbs. pressure.

Size 3/8 x 1 1/8 in.

Per Foot Per Foot

61-224-K. D1C0.....\$0.15

100 feet in roll. Five hundred feet in bale.

Wt. bale 78 lbs.

## INSECTICIDE SPRAY

### SUPER STRENGTH CAMICIDE

The quicker acting insecticide with 3 to 8 times more insect-kill. Safe to use around food, children or pets. Non-toxic, non-irritating and stainless.



In 8 Ounce Bottles with Sprayer  
(248C)

|                                      |                      |        |
|--------------------------------------|----------------------|--------|
| Each                                 |                      | ▲ Each |
| K3848H                               | D5C0★                | \$0.69 |
| KK3848H                              | D4C8★—(Case lots 24) |        |
| Twenty-four in ctn. Wt. ctn. 21 lbs. |                      |        |

|                                 |                     |        |
|---------------------------------|---------------------|--------|
| In 16 Ounce Bottles             |                     |        |
| (1216C)                         |                     |        |
| Each                            |                     | ▲ Each |
| K3849H                          | D7C2                | \$0.98 |
| KK3849H                         | D6C9—(Case lots 12) |        |
| Twelve in ctn. Wt. ctn. 20 lbs. |                     |        |



In Aerosol Bomb

With press button release.

(1211C)

|                                 |                       |        |
|---------------------------------|-----------------------|--------|
| Each                            |                       | ▲ Each |
| K3850H                          | X1D24★                | \$1.69 |
| KK3850H                         | X1D18★—(Case lots 12) |        |
| Twelve in ctn. Wt. ctn. 14 lbs. |                       |        |

## INSECTICIDE SPRAY

### COOKS REAL KILL



Contains Extane

Successor to D. D. T.

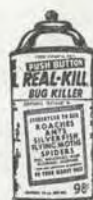
Perfectly clean, safe, sanitary, sure killer for roaches, water bugs, ants, flies and other pests.

Just paint or spray under the sink or pantry or cupboard shelves, around doorways and window sills, on screens, in basement corners, around drains, etc.

Leaves a clean invisible film that keeps its killing power for many weeks. Kills more kinds of insects faster.

### With Sprayer

| Each           |                       | Size Bottle | Wt. Ctn., lbs. | Each   |
|----------------|-----------------------|-------------|----------------|--------|
|                |                       | (1068P)     |                |        |
| K3906H         | D5C2★                 | 1 pt.       | 20             | \$0.69 |
| 6-K3906H       | D4C9½★—(Case lots 12) |             |                |        |
|                |                       | (1068Q)     |                |        |
| K3907H         | D8C5★                 | 1 qt.       | 35             | 1.19   |
| 6-K3907H       | D8C1½★—(Case lots 12) |             |                |        |
| Twelve in ctn. |                       |             |                |        |



### Bug Killer

Guaranteed to kill roaches, ants, silverfish, flying moths, spiders, flies, mosquitoes, wasps, water-bugs, scorpions, etc.

Contains Extane, a scientific combination of Pyrethrins, Chlordane and other active ingredients which kill bugs faster. Odorless and stainless.

In 12 oz. push button easy action bomb.

(RKB12)

|                                  |                       |        |
|----------------------------------|-----------------------|--------|
| Each                             |                       | Each   |
| K3895H                           | D7C2★                 | \$0.98 |
| KK3895H                          | D6C8½★—(Case lots 12) |        |
| Twelve in case. Wt. case 13 lbs. |                       |        |

STAR ★ DENOTES BEST SELLER

## INSECT REPELLENT

6-12

### Prevent Insect Bites

Gives hours of personal protection against mosquitos, black flies, sand flies, stable flies, gnats and chiggers.

Odorless, colorless, pleasant and easy to use. Does not damage fingernail polish, nylon, rayon plastic watch crystals or straps.



In 2 oz. Bottles  
(612)

|                                         |                               |        |
|-----------------------------------------|-------------------------------|--------|
| Per Display (12)                        |                               | ▲ Each |
| K3894H                                  | X4D25★                        | \$0.59 |
| KK3894H                                 | X4D04★—(Case lots 3 Displays) |        |
| Twelve in three color counter display.  |                               |        |
| Three displays in ctn. Wt. ctn. 12 lbs. |                               |        |



Sticks  
(6/12S)

|                                        |        |        |
|----------------------------------------|--------|--------|
| Per Display                            |        | ▲ Each |
| K4080H                                 | X4D25★ | \$0.59 |
| Lots of 3 displays X4D04★              |        |        |
| Twelve in three color counter display  |        |        |
| Three displays in ctn. Wt. ctn. 6 lbs. |        |        |

**AEROSOL BUG BOMB**

Contains three deadly killers—D.D.T., Methoxychlor, Thanite. Famous "one handed" Schrader Valve. No cover to take off or put on.

**Certain Death For All Insects**

Each  
6-3000-H D6C0★..... Each \$1.00

Twelve in ctn. Wt. ctn. 13 lbs.  
**Sold Only in Full Cartons**

**ELECTRIC INSECT DESTROYER**

SOUTHERN NATIONAL MFG. CO.



Uses Bugmaster sensational Lindane as insecticide. No messy spray or stain. Invisible vapors even penetrate closets and cupboards. Kills flies, mosquitoes, moths, fleas, etc.

Add Lindane refill to Bugmaster once a month for continuous protection.

**5 Year Guaranteed**

Lindane output: .4 or .5 gram per 24 hours.

Choice of decorator colors—Black, yellow or green.

Operates on 115 volts A.C.-D.C., 15 watts.

(H)

Each  
K300C 1T05 X6D47..... Each \$9.95  
6 or more X5D97  
Six in ctn. Wt. ctn. 10½ lbs.

**REFILLS**

**For K300C and K298C  
Electric Insect Destroyer**

Each  
K306C D4C5..... Each \$0.75  
Six in box. Wt. box, 6 ozs.

**ELECTRIC INSECT DESTROYER****Bug-Kil**

Destroys household insect pests. Kills carpet beetles, exposed roaches, clover mites, water bugs, night bugs, centipedes, mosquitos, crickets, silverfish, spiders, hornets, wasps, ants, flies, moths, fleas.

A scientifically designed low watt heating unit that vaporizes pellets of lindane.

Fatal effect to insects last for at least two weeks. One pellet is enough for an average room.

Nickel-chrome heating element can't wear out—takes no more electricity than a small light bulb.

Vented for proper circulation of air and spreading vapor.

Five foot extension cord.

Plugs into any outlet.

Packed in self selling display carton.

Each  
K298C X1D79..... Each \$2.98  
One in box. Twelve boxes in ctn. Wt. ctn. 7½ lbs.

**INSECTICIDE PAPER**

SOUTHERN MFG. CO.

**Bugmaster**

Many uses—line cupboard and under sink compartment, wrap clothes, put under picnic baskets, put under rugs, or line cat's or dog's boxes.

Attractive original design enhances odorless paper for dual purposes: to keep shelves neat and clean, and to keep food and home free from germ-carrying pests.

Positive killing action against ants, cockroaches, silverfish, moths, etc.

Size of roll 13 inches by 40 ft.

(1340)

Per Roll  
K3904H X1D05..... Per Roll \$1.49  
KK3904H X1D00—(Case lots 24 rolls)

Two ty four rolls in ctn. Wt. ctn. 16 lbs.

**PATTY-O-CANDLE**

EMPIRE



Repels insects outdoors. Crystal clear glass container can be reused for cocktail or juice glass.

12 assorted—3 red, 3 green, 3 blue, 3 yellow.

Per Asst.  
61-52-H X4D20..... Each \$0.59  
One assortment in ctn.  
Wt. ctn. 9 lbs.

## MOTH KILLER INSECTICIDE

## EXPELLO

## CLOSET HANGERS



Refillable with Expello Cakes

Destroys all moth life with convenient cakes. Ex-Ray vapor penetrates every seam and fold of garments.

## 12 oz. Size

(2)

|         |                     |        |
|---------|---------------------|--------|
| Each    |                     | ▲Each  |
| K3780H  | D6C0                | \$0.89 |
| KK3780H | D5C3—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 14 lbs.

## CAKE REFILLS



Cake Refills for New Expello Hanger

## For K 3780 H-2 Closet Hangers

Two 6 ounce cakes individually wrapped in box, for customers convenience.

(6)

|             |                           |        |
|-------------|---------------------------|--------|
| Per Box (2) |                           | ▲Each  |
| K3781H      | D5C3                      | \$0.79 |
| KK3781H     | D4C7—(Case lots 12 boxes) |        |

Twelve boxes in ctn. Wt. ctn. 15½ lbs.



## HANGERS

Destroys all moth life with moulded crystals. Ex-ray vapor penetrates every seam and fold of garments.

| Each    |                     | Size<br>oz. | (5)<br>For<br>Garment Bags<br>and Lockers | No. in<br>Ctn. | Wt. Ctn.,<br>lbs. | ▲Each  |
|---------|---------------------|-------------|-------------------------------------------|----------------|-------------------|--------|
| K3765H  | D2C6                | 4           |                                           | 12             | 6                 | \$0.39 |
| KK3765H | D2C3—(Case lots 12) |             |                                           |                |                   |        |

## LARGE CRYSTALS

## For refilling No. K3764H-1

Can also be used in chests, drawers, vacuum cleaners, etc.

| Each    |                      | Size<br>Container<br>lbs. | No. in<br>Ctn. | Wt. Ctn.,<br>lbs. | ▲Each  |
|---------|----------------------|---------------------------|----------------|-------------------|--------|
| K3749H  | D6C0 (1LC)           | 1                         | 12             | 16                | \$0.89 |
| KK3749H | D5C3—(Case lots 12)  |                           |                |                   |        |
| K3750H  | X1D26 (2½LC)         | 2½                        | 12             | 37                | 1.89   |
| KK3750H | X1D13—(Case lots 12) |                           |                |                   |        |
| K3757H  | X3D66 (10LC)         | 10                        | 4              | 45                | 5.49   |
| KK3757H | X3D29—(Case lots 4)  |                           |                |                   |        |

## SMALL CRYSTALS

All purpose size for use in chests, drawers, rugs, carpets, upholstered furniture, etc.

| Each    |                      | Size<br>Container<br>lbs. | No. in<br>Ctn. | Wt. Ctn.,<br>lbs. | ▲Each  |
|---------|----------------------|---------------------------|----------------|-------------------|--------|
| K3766H  | D6C0 (1SC)           | 1                         | 12             | 16                | \$0.89 |
| KK3766H | D5C3—(Case lots 12)  |                           |                |                   |        |
| K3767H  | X1D26 (2½SC)         | 2½                        | 12             | 37                | 1.89   |
| KK3767H | X1D13—(Case lots 12) |                           |                |                   |        |

## INSECTICIDES

BOSTWICK

## COUNTER MODEL



## Jumble Basket

Takes less than 1 square foot of counter area.  
Height 14 inches.

| Quantity          | No. | Item                       | Retail Total |
|-------------------|-----|----------------------------|--------------|
| 24                | 14B | Hep Aerosol Insecticide... | \$23.52      |
| 6                 | 12B | Hep Ant and Roach Spray... | 5.88         |
| 6                 | 17B | Safe-Iex (No DDT).....     | 9.54         |
| Total Retail..... |     |                            | \$38.94      |

| Per Display         | Per Display |
|---------------------|-------------|
| 6-D58-H X26D24..... | \$38.94     |

One in ctn. Wt. ctn. 40 lbs.

## HEP AEROSOL INSECT KILLER



Non-flammable, non-staining with push-button control. Contains 3% DDT plus 1% Methoxychlor.

12 oz. Container

(213)

| Each                        | Each   |
|-----------------------------|--------|
| K3029H D6C8.....            | \$0.98 |
| KK3029H D6C5—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 12½ lbs.

## HEP INSECT REPELLENT



Keeps Bugs Away—Prevent Bug Bites

Spray on exposed skin and clothes. Contains no grease or oil and is non-irritating. Will not harm plastics, nail polish, watch straps, crystals or nylon material.

5 oz. Container

(273)

| Each                        | Each   |
|-----------------------------|--------|
| K3032H D6C8.....            | \$0.98 |
| KK3032H D6C5—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 7½ lbs.

## ROSE SPRAY



Bomb type with fungicide added to control black spot on roses.

Kills Japanese beetles, aphids, exposed thrips, mealy bugs, spider mites, etc.

14 oz. Container

(263)

| Each                         | Each   |
|------------------------------|--------|
| K3868H X1D10.....            | \$1.59 |
| KK3868H X1D05—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 12½ lbs.

## HEP HOUSE AND GARDEN INSECT KILLER



Push-Button Spray

Kills crawling and flying insects. Safe for garden and house plants.

No smelly kerosene odor, non-flammable, and non-staining. Harmless to plants, animals and humans.

12 oz. Container

(203)

| Each                         | Each   |
|------------------------------|--------|
| K2983H X1D10.....            | \$1.59 |
| KK2983H X1D05—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 12½ lbs.

## HEP BUG KILLER



Push-Button Spray

Contains Dieldrin and super powered with Malathion and Pyrethrum. Kills roaches, ants, scorpions, silverfish and other bugs. Lasts for weeks. Contains no smelly kerosene. Leaves no stains.

14 oz. Container

(223)

| Each                        | Each   |
|-----------------------------|--------|
| K2999H D8C4.....            | \$1.19 |
| KK2999H D7C9—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 14 lbs.

## INSECTICIDES

JOHNSON

Sanctioned by U. S. Department of Agriculture

RAID

## ROACH AND ANT KILLER



(RAK15)



(RAKQ)

Keeps on killing for weeks. Kills roaches, ants, silverfish, water bugs, carpet beetles, mosquitos, flies and wasps.

Free sprayer attached with each bottle.

15 Oz. Can  
(RAK15)

| Each    |                       | Each   |
|---------|-----------------------|--------|
| K3947H  | D5C0★                 | \$0.69 |
| KK3947H | D4C7½★—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 18½ lbs.

1 Quart Bottle  
(RAKQ)

| Each    |                     | Each   |
|---------|---------------------|--------|
| K3949H  | D8C0                | \$1.19 |
| KK3949H | D7C6—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 33½ lbs.

BUG KILLER AND  
GARDEN SPRAY

Gets into every nook and cranny—clears rooms of flies, mosquitos, gnats, flying moths, wasps, and other flying insects, roaches, water bugs, etc.

Used to protect roses and other flowering plants, evergreens, vegetables and house plants.

14 oz. Aerosol Container  
(RAID)

| Each     |                        | Each   |
|----------|------------------------|--------|
| K4119H   | X1D15★                 | \$1.59 |
| 6-K4119H | X1D09⅔★—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 12¼ lbs.

11 Ounce Container  
(RAKB)

| Each    |                      | Each   |
|---------|----------------------|--------|
| K3958H  | D7C1                 | \$0.98 |
| KK3958H | D6C7½—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 12½ lbs.

## INSECT SPRAY



For use in hand sprayers. Pleasant aroma. Kills flies, mosquitos, flying moths, roaches and many others.

| Each    |                      | Contents | Can | Wt. Ctn., lbs. | Each |
|---------|----------------------|----------|-----|----------------|------|
| K3950H  | D4C3 (RSP)           | 1 Pt.    | 12½ | \$0.59         |      |
| KK3950H | D4C0¾—(Case lots 12) |          |     |                |      |
| K3954H  | D7C1 (RSQ)           | 1 Qt.    | 23½ | .98            |      |
| KK3954H | D6C7½—(Case lots 12) |          |     |                |      |

Twelve in ctn.

## MOTH PROOFER



Odorless, stainless. Guaranteed full year moth proof protection. Kills moths and carpet beetles, their eggs and larva.

Can be used on articles of clothing, carpets, drapes and furniture.

In 12 oz. Aerosol Bomb  
(RM12)

| Each    |                     | Each   |
|---------|---------------------|--------|
| K3951H  | D8C6                | \$1.19 |
| KK3951H | D8C2—(Case lots 12) |        |

Twelve in ctn. Wt. ctn. 12¼ lbs.

STAR ★ DENOTES BEST SELLER

## INSECT REPELLENT

Formula developed by U. S. Dept. of Agriculture. Clear non-greasy and non-odorous liquid resists water and perspiration—will not rub off under normal use.

Protects against mosquitos for 5 hours.



## 1½ oz. Bottle

| Each    |                     | Wt. Ctn., lbs. | Each   |
|---------|---------------------|----------------|--------|
| K3909H  | D5C3 (RO1½)         | 4              | \$0.79 |
| KK3909H | D5C0—(Case lots 12) |                |        |

## 5 oz. Bomb Type

| Each    |                     | Wt. Ctn., lbs. | Each |
|---------|---------------------|----------------|------|
| K3910H  | D8C4 (RP5)          | 7              | 1.19 |
| KK3910H | D8C0—(Case lots 12) |                |      |

Twelve in ctn.

AIR FRESHNER  
GLADE

## 6 oz. Bottle

Wick fully exposed upon removing cap. Wide base, non-spill bottle.

| Each    |                     | Scent     | Each   |
|---------|---------------------|-----------|--------|
| K3887H  | D5C3 (GW6E)         | Evergreen | \$0.69 |
| KK3887H | D5C0—(Case lots 12) |           |        |
| K3923H  | D5C3 (GW6B)         | Blossom   | .69    |
| KK3923H | D5C0—(Case lots 12) |           |        |

Twelve in ctn. Wt. ctn. 5 lbs.

## 5½ oz. Aerosol Container

| Each    |                     | Scent     | Each   |
|---------|---------------------|-----------|--------|
| K3886H  | D7C0 (G5½E)         | Evergreen | \$0.89 |
| KK3886H | D6C7—(Case lots 12) |           |        |
| K3922H  | D7C0 (G5½B)         | Blossom   | .89    |
| KK3922H | D6C7—(Case lots 12) |           |        |

Twelve in ctn. Wt. ctn. 4½ lbs.

## INSECT KILLERS



## ROACH PRUFE

One application is effective for months.

Just brush on colorless, stainless liquid and roaches, silverfish, waterbugs and ants will vanish.

Half Pint Bottle with Plastic Bristle Brush

|                      |                |
|----------------------|----------------|
| Each                 | ▲ Each         |
| K3965H (620) D8C0★   | \$1.19         |
| KK3965H (620) D8C0—★ | (Case lots 12) |

One in display box. Twelve in ctn. Wt. ctn. 15 lbs.

## ANT PRUFE

Special AP200 formula kills these crawling insects instantly. Just brush it on.

Half Pint with Special Plastic Brush

|                      |                |
|----------------------|----------------|
| Each                 | ▲ Each         |
| K3966H (660) D8C0★   | \$1.19         |
| KK3966H (660) D8C0—★ | (Case lots 12) |

One in display box. Twelve in ctn. Wt. ctn. 15 lbs.

## D-CON PRODUCTS

## INSECT KILLERS

## FLI-CON



New way to kill house flies. No spray, no fumes, just scatter it.

Consists of small treated flakes that keep working for several days.

Handy 1 lb. Container with Scatter Spout

|                       |                |
|-----------------------|----------------|
| Each                  | ▲ Each         |
| K3989H (800) X1D26★   | \$1.89         |
| KK3989H (800) X1D26—★ | (Case lots 12) |

Twelve in ctn. Wt. ctn. 12½ lbs.

## RAT AND MOUSE KILLERS

## MOUSE PRUFE



Ready to use bait in a handy, household self-feeder package.

|                     |                |
|---------------------|----------------|
| Each                | ▲ Each         |
| K3969H (50) D3C3★   | \$0.49         |
| KK3969H (50) D3C3—★ | (Case lots 24) |

Twenty-four boxes in ctn. Wt. ctn. 5 lbs.

## WARFICIDE



Warficide with LX 3-2-1 readily dissolves in water, making a tasteless, odorless treated water, deadly to rats and mice. Since rats drink large quantities of water, they drink their way to death with Warficide.

Net weight of package ⅓ ounce. Just add water—makes one quart.

Twelve packages attractively packed in a self-dispensing counter display case.

|                     |                |
|---------------------|----------------|
| Per Display         | ▲ Each         |
| K3941H (20) X3D12   | \$0.39         |
| KK3941H (20) X3D12— | (Case lots 24) |

One display in box. Twenty-four displays in ctn. Wt. ctn. 24 lbs.

STAR ★ DENOTES BEST SELLER

## RAT AND MOUSE KILLERS

Wipes out rodent colonies completely. Relatively safe around humans, farm and domestic animals. Tasteless, odorless. Contains Warfarin, combined with Lurex.



## CONCENTRATE WITH LUREX

Mix with fresh corn meal, rolled oats, hamburger or fishmeal in a ratio of 19 parts of bait to 1 of concentrate.

8 oz. Packages—Will Make 6 lbs. of Bait

|                      |                |
|----------------------|----------------|
| Each                 | ▲ Each         |
| K3962H (300) X2D00   | \$2.98         |
| KK3962H (300) X2D00— | (Case lots 12) |

Twelve in ctn. Wt. ctn. 6 lbs.

## READY-MIX WITH LUREX

1-lb. Packages

|                        |                |
|------------------------|----------------|
| Each                   | ▲ Each         |
| K3963H (200) X1D14★    | \$1.69         |
| 6-K3963H (200) X1D14—★ | (Case lots 12) |

Twelve in ctn. Wt. ctn. 15 lbs.

3 lb. Economy Farm Size

Carton contains 3 individual 1 lb. packages, thermo sealed for freshness.

|                      |               |
|----------------------|---------------|
| Each                 | ▲ Each        |
| K3964H (400) X2D63   | \$3.95        |
| KK3964H (400) X2D63— | (Case lots 6) |

Six in ctn. Wt. ctn. 21 lbs.

## MOUSE-PRUFE



In 4-oz. Packages

|                      |                |
|----------------------|----------------|
| Each                 | ▲ Each         |
| K3961H (100) D6C0★   | \$0.89         |
| KK3961H (100) D6C0—★ | (Case lots 12) |

Twelve in ctn. Wt. ctn. 9 lbs.

## D-CON PRODUCTS

### CONCENTRATE CLEANER



#### M-O-Lene

Cleans rugs, upholstery, carpets, drapes, car interiors, neckties and tapestry.

It is non-inflammable and easy to apply.

One Magic Heart silver cleaner in each package.

(1000)

Each K3820H X2D00★..... Each \$2.98

KK3820H X2D00★—(Case lots 12)

Twelve in ctn. Wt. ctn. 12 lbs.

### CLEANER DISPLAY

#### M-O-Lene

Comes in 12-unit counter display.

One unit contains enough cleaner to clean a 9x12 rug, a sofa, 2 chairs or an entire car.

Per Display 6-1020-H X6D32..... Each \$0.79

One display in bx. Wt. bx. 3½ lbs.

## MOTH PRUFE AND CEDAR KIT



Cedar-on gives closets lasting fragrance of real cedar.

Moth-prufe leaves no tell-tale odors, or crystals. One application effective for entire year.

Spray kits are complete counter display unit that sell one each Moth-prufe and Cedar-on at the same time.

(900)

Per Kit K3821H X2D00..... Per Kit \$2.98

KK3821H X2D00—(Case lots 12)

Twelve kits in ctn. Wt. ctn. 21 lbs.

## PAKET PRODUCTS

### MOUSE KILLER



#### POISON GRAINS

A combination of canary seed and other tempting grains, especially acceptable to mice.

In 1¾ oz. window type packages.

(PPG)

Per Box K3959H X2D80★..... ▲ Per Pkg. \$0.35

Twelve pkgs. in box. Wt. box 1½ lbs.

Sold Only in Full Boxes

### MOLE BAIT



#### Poison Pellets

Punch small holes in runways at intervals of 2 or 3 feet, drop one or two pellets in each hole and cover lightly to protect pets.

Pellets contain poisoned peanuts, insects and other foods.

In 5 oz. heavy cardboard cylinder with tin bottom and screw top.

(79)

Each K3960H D7C0★..... ▲ Each \$1.00

KK3960H D6C6★—(Case lots 12)

Twelve in ctn. Wt. ctn. 6 lbs.

### DOG REPELLENT



HANG THEM ON BRANCHES...OR PUT ANY PLACE YOU DON'T WANT DOGS



#### Pi-Co

Hang on branches or any place dogs aren't wanted. Gives protection for many weeks. Will not damage valuable shrubs. No messy liquid, spray or powder. Rains won't destroy effectiveness. Unpalatable to humans, pets, etc.

Per Display 6-PCR-H X8D00..... ▲ Each \$1.00

Nine repellents in pkg. 12 pkgs. in display ctn. Wt. ctn. 5 lbs.

**DOG SPRAY****KNAPP MONARCH PRODUCTS****Magik-Rid**

Kills and chases away ticks, lice, fleas and gnats. Also keeps dog baskets, bedding and kennels free from infesting parasites.

An outstanding formula carefully and specifically compounded for best results. Gives prompt and effective relief.

**In 12 oz. Container With Push Button Spray Control and Guard Cap.**

(328)

|               |                    |        |
|---------------|--------------------|--------|
| Each          |                    | ▲ Each |
| <b>K3874H</b> | <b>X1D26</b> ..... | \$1.89 |

|                |                              |
|----------------|------------------------------|
| <b>KK3874H</b> | <b>X1D20</b> —(Case lots 12) |
|----------------|------------------------------|

Twelve in ctn. Wt. ctn. 12 lbs.

**AIR REFRESHER****BRIDGEPORT BRASS****Good-Aire**

Kitchens and bathroom odors go. One of the fastest moving aerosol refreshers.

**5½ oz. Aerosol Container**

(720)

|               |                   |        |
|---------------|-------------------|--------|
| Each          |                   | Each   |
| <b>K3942H</b> | <b>D7C0</b> ..... | \$1.00 |

|                |                             |
|----------------|-----------------------------|
| <b>KK3942H</b> | <b>D6C6</b> —(Case lots 12) |
|----------------|-----------------------------|

Twelve in ctn. Wt. ctn. 7 lbs.

**ROACH HIVES****GATOR**

Sure death to roaches, silverfish, waterbugs and crickets. No mess. Ready to use.

Contains 16.20% lead arsenate. Inert ingredients 83.80%. Total arsenic (as metallic) 3.50% water soluble arsenic (as metallic) 0.10%.

(G39)

|             |  |
|-------------|--|
| Per Display |  |
| Box (12)    |  |

|               |              |
|---------------|--------------|
| <b>K3953H</b> | <b>X3D10</b> |
|---------------|--------------|

|      |  |
|------|--|
| Per  |  |
| Pkg. |  |

|        |
|--------|
| \$0.39 |
|--------|

|                |                          |
|----------------|--------------------------|
| <b>KK3953H</b> | <b>X3D10</b> —(Case lots |
|----------------|--------------------------|

24 Display Boxes)

Twelve pkgs. in display box.

Twenty-four displays in ctn. Wt. ctn. 36 lbs.

**GARBAGE CAN DEODORIZER****NO STINKY**

Kills odors. Flies, dogs and rats hate it. For indoors and outdoors.

Individually wrapped in polyethylene bag.

(NS)

|      |  |
|------|--|
| Each |  |
|------|--|

|               |                   |
|---------------|-------------------|
| <b>K3970H</b> | <b>D6C5</b> ..... |
|---------------|-------------------|

|      |
|------|
| Each |
|------|

|        |
|--------|
| \$0.98 |
|--------|

Six in box. 72 in ctn. Wt. ctn. 36 lbs.

## HOSE SPRAY CONCENTRATES ANTHROL

### GARDEN INSECT KILLER



Combines Malathion and Methoxychlor. Gives results in control of Aphids, Jap Beetles, Thrip, leaf hoppers, red spider, caterpillars, etc.

Safe for roses, flowers, ornamentals, shrubs, trees, vegetables, fruit trees and bush fruit.

#### One Pint

(2150)

Each **K4221K** **X1D60**.....▲Each \$2.39

**KK4221K** **X1D43**—(Case lots 12)

Twelve in ctn. Wt. ctn. 21 lbs.

### CHLORDANE SOIL INSECT KILLER



Covers up to 16,000 sq. ft. Used by professional and amateurs alike. Keeps soil free from insects for months.

Sprinkles down from hose-spray and goes deep into soil. Kills ants, lawn moths, Jap Beetle, grubs, sod webworms, chiggers, chinch bugs, etc.

Use on lawn and in ornamental gardens.

#### One Pint

(2140)

Each **K4216K** **X1D99**.....▲Each \$2.98

**KK4216K** **X1D79**—(Case lots 12)

Twelve in ctn. Wt. ctn. 22 lbs.

### CRABGRASS KILLER



Covers up to 2,500 square ft.

Contains disodium methyl arsonate.

Applied safely from Spring seedling stage right through tough seed head stage in Fall. Kills fox-tail, barnyard grass, chickweed, without injury to Kentucky and Merion blue grasses, Zoysia, Bermuda, Dichondra, Fescue and Bent Grass.

#### One Pint

(2145)

Each **K4223K** **X1D80**.....▲Each \$2.69

**KK4223K** **X1D61**—(Case lots 12)

Twelve in ctn. Wt. ctn. 23 lbs.

### WEED KILLER



Covers up to 2,000 sq. ft. Amine formulation kills broad-leaved weeds without harming lawn grasses.

Kills dandelion, golden rod, plantain, rag weed, etc.

#### One Pint

(2155)

Each **K4219K** **X1D13**.....▲Each \$1.69

**KK4219K** **X1D01**—(Case lots 12)

Twelve in ctn. Wt. ctn. 22 lbs.

**ACME'S HOZ-IT-ON PRODUCTS**

Plastic sprayer is included. Attach to hose and this makes a perfect combination of a spray and sprayer. All-in-one.

**CRABGRASS KILLER**

Contains 12.6% di-sodium methyl arsonate.

Pint covers 1600 square feet.

Hose nozzle included.

| Each    | One Pint            | Each   |
|---------|---------------------|--------|
| K3866K  | X1D48.....          | \$2.35 |
| KK3866K | X1D41—(Case lots 6) |        |

Six in ctn. Wt. ctn. 11 lbs.

**REFILLS**

For Crabgrass Killer No. K3866K

| Each    | One Quart           | Each   |
|---------|---------------------|--------|
| K3867K  | X2D25.....          | \$3.50 |
| KK3867K | X2D10—(Case lots 6) |        |

Six in ctn. Wt. ctn. 20 lbs.

**LAWN INSECT KILLER**

Contains 16% chlordane. Controls ants, grubs, chiggers, chinch bugs, lawn moths, earwigs, box elder bugs and others.

Pint covers 2500 square feet.

Hose nozzle included.

| Each    | One Pint            | Each   |
|---------|---------------------|--------|
| K3869K  | X1D30.....          | \$2.00 |
| KK3869K | X1D20—(Case lots 6) |        |

Six in ctn. Wt. ctn. 11 lbs.

**REFILLS**

For Lawn Insect Killer No. K3869K

| Each    | One Quart           | Each   |
|---------|---------------------|--------|
| K3872K  | X1D75.....          | \$2.75 |
| KK3872K | X1D65—(Case lots 6) |        |

Six in ctn. Wt. ctn. 20 lbs.

**FLOWER AND SHRUB SPRAY**

Contains 5% Malathion. 10% DDT. Controls aphids, mites, caterpillars and worms and certain beetles. Pint makes 5 gallons.

Hose nozzle included.

| Each    | One Pint            | Each   |
|---------|---------------------|--------|
| K3875K  | X1D30.....          | \$2.00 |
| KK3875K | X1D20—(Case lots 6) |        |

Six in ctn. Wt. ctn. 11 lbs.

**REFILLS**

For Flower and Shrub Spray No. K3875K

| Each    | One Quart           | Each   |
|---------|---------------------|--------|
| K3876K  | X1D73.....          | \$2.75 |
| KK3876K | X1D65—(Case lots 6) |        |

Six in ctn. Wt. ctn. 20 lbs.

**RED SPIDER SPRAY**

Contains 2% Di-(P Chlorophenyl) methyl carbinol (Dimite).

Controls red spiders and mites on evergreens, Hibiscus, hedges, other shrubs and flowers.

Hose nozzle included.

| Each    | One Pint            | Each   |
|---------|---------------------|--------|
| K3877K  | X1D12.....          | \$1.75 |
| KK3877K | X1D05—(Case lots 6) |        |

Six in ctn. Wt. ctn. 10 lbs.

**REFILLS**

For Red Spider Spray No. K3877K

| Each    | One Quart           | Each   |
|---------|---------------------|--------|
| K3880K  | X1D42.....          | \$2.25 |
| KK3880K | X1D35—(Case lots 6) |        |

Six in ctn. Wt. ctn. 19 lbs.

## LIME CARBONATE

## GLENCOE

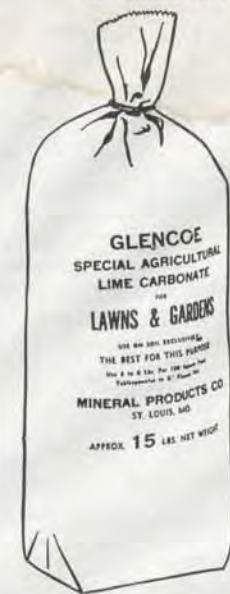
Special  
AgriculturalFor Lawns and  
Gardens

Will loosen up hard, sticky compact soil, permitting roots to spread and grow, taking up the necessary elements to promote plant life and take up nutriment from the air and the water which circulate throughout loosened ground.

Sweetens the Soil

| Size of<br>Bag, lbs | Per Bag |
|---------------------|---------|
| 15                  | \$0.35  |
| 50                  | .69     |

Loose



Per Bag  
4-C15-K N-D2C2  
4-C50-K N-D4C6

## HYDRATED LIME

Restores worn out, sour soils, assures rich velvety lawns and flourishing gardens. Also can be used as a bug killer and disinfectant. For whitewashing, use one part lime to two parts water.

Per Bag Per Bag  
4-HL10-K N-D2C7★ \$0.49

Six bags in ctn. Wt. ctn. 60 lbs.

Sold Only in Full Cartons

WEED KILLERS  
WEED-NO-MORE

Penetrates waxy leaf surface in minutes. Rids lawns of ugly broad leaf weeds without harming common lawn grasses or soil.

Kills dandelion, plantain, poison ivy, chickweed, black medic, ragweed thistle, wild mustard and buckhorn.

8 oz. Cans

Each Each  
K4120K D6C3★ \$1.00  
KK4120K D6C0★ (Case lots 12 cans)  
Twelve cans in ctn. Wt. ctn. 10 lbs.

1 Quart Cans

Complete with plastic sprayer which fits standard screw top gallon jug.

Each Each  
K4121K X1D88 \$2.98  
KK4121K X1D79 (Case lots 6 cans)  
Six in ctn. Wt. ctn. 19 lbs.



## NICOTINE SULPHATE

New Activated  
Black Leaf 40

Now, for home gardeners, a new improved Black Leaf 40, activated by new chemical additive. Steps up killing power by improving wetting and spreading action of the spray. Gives faster, more complete control of aphids, leaf hoppers, thrips and similar soft-bodied sucking insects as well as young, soft-bodied forms of many chewing insects. No need to mix with soap. Just add one tablespoon to a gallon of water, then spray.



(BL)

| Each    |       | Size<br>Bot.,<br>ozs. | Wt.<br>Case,<br>lbs. | Each   |
|---------|-------|-----------------------|----------------------|--------|
| K3917K  | D7C5★ | 2                     | 12                   | \$1.19 |
| KK3917K | D7C3★ | (Case Lots 24)        |                      |        |
| K3918K  | X1D50 | 6                     | 9                    | 2.39   |
| KK3918K | X1D43 | (Case Lots 12)        |                      |        |

## GERM KILLER POWDER

Disinfects—Sterilizes—  
Purifies

A germ killer that is perfectly safe to use in solution.

For dairies and farmers who wish to make their own sterilizer and disinfectant. One bottle of No. BK150 makes three gallons of solution containing 3 1/4% chlorine.

A perfect disinfectant and sterilizer for restaurant, home, dairy or poultry house.

Leaves no odor. Complete instructions for mixing and directions for use with each bottle.



In Bottles

| Each    |       | (BK150)<br>Size<br>Bottle,<br>ozs. | Wt.<br>Case<br>lbs. | Each   |
|---------|-------|------------------------------------|---------------------|--------|
| K3916K  | X1D40 | 28                                 | 37 1/2              | \$2.10 |
| KK3916K | X1D35 | (Case Lots 12)                     |                     |        |

Twelve in case

## ROSE SPRAY KITS

## TRI-GEN

Three-Way  
Insecticide  
Fungicide  
Plant Stimulant

Contains Triogen, a combination of time-proven ingredients for the control of insects and fungus diseases plus Fermate.

Kit makes 8 quarts of spray and protects 6 to 10 rose plants per season. Also recommended for asters, snapdragons, chrysanthemums, other flowers and vegetable plants.

Economy Kit  
(E)

Each Each  
K3944K X1D18 \$1.80  
KK3944K X1D08 (Case lots 10 kits)  
Ten kits in ctn. Wt. ctn. 15 lbs.

ROSE DUST  
TRI-GEN

## All Purpose Dust

Laboratory controlled, balanced blend of DDT, Rotenone, Sulphur, DuPont Fermate and other ingredients.

Controls both sucking and chewing insects, blackspot, mildew and certain blights. Has great adhering quality.



In Friction Top 1 lb. Cans

Each Each  
K3940K (R1) D8C4 \$1.25  
KK3940K (R1) D7C7 (Case lots 10)  
Ten in ctn. Wt. ctn. 10 lbs.

## ACME INSECTICIDES AND FUNGICIDES

## BORDEAUX MIXTURE



Prevents large losses caused by blight, rot, mildew, scab anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvest. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux mixture.

| Per lb.            | Size                       | Lbs. in a Shipping Carton | Each   |
|--------------------|----------------------------|---------------------------|--------|
| K3896K (BM1) D6C2  | 1 lb. Pkg.                 | 12                        | \$0.98 |
| KK3896K (BM1) D5C9 | (Full Carton Lots 12 Lbs.) |                           |        |
| Wt. ctn. 17 lbs.   |                            |                           |        |

## ARSENATE OF LEAD



The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

| Per lb.        | Size                       | Lbs. in a Shipping ctn. | Each   |
|----------------|----------------------------|-------------------------|--------|
|                | (AL1)                      |                         |        |
| K3920K D6C3    | 1 lb. Pkg.                 | 24                      | \$1.00 |
| 6-K3920K D6C0  | (Full Carton Lots 24 Lbs.) |                         |        |
|                | Wt. ctn. 33 lbs.           |                         |        |
|                | (AL1B)                     |                         |        |
| K3921K D5C7★   | 1 lb. Bag                  | 24                      | .90    |
| 6-K3921K D5C4★ | (Full Carton Lots 24 Lbs.) |                         |        |
|                | Wt. ctn. 28 lbs.           |                         |        |
|                | (AL4)                      |                         |        |
| K3929K D3C7★   | 4 lb. Bag                  | 48                      | 2.25   |
| 6-K3929K D3C5★ | (Full Ctn. Lots 48 Lbs.)   |                         |        |
|                | Wt. ctn. 52 lbs.           |                         |        |

## GARDEN DUST



A combination of insecticides and fungicides for control of common insects and plant diseases. Equally effective for flowers, vegetables and bush fruits.

In Convenient 8 Ounce Pump Gun Package

|                                   |  |        |
|-----------------------------------|--|--------|
| Each                              |  | Each   |
| K3888K (ARG) D6C9.....            |  | \$1.10 |
| KK3888K (ARG) D6C6—(Case lots 12) |  |        |
| Twelve in ctn. Wt. ctn. 11 lbs.   |  |        |

## ROTENONE GARDEN GUARD



A garden dust for control of sucking and chewing pests. Safe to use, will not harm animals or humans.

For use on:

Cabbage, cauliflower, tomato plants, melon vines, vegetables and shrubs.

1 lb. Punch Top Cans.

(GGRI)

| Per lb.       | Size                     | Each   |
|---------------|--------------------------|--------|
| K3919K D4C5   | ★                        | \$0.69 |
| 6-K3919K D4C2 | (Full Ctn. Lots 24 Lbs.) |        |

Twenty-four pounds in a shipping carton  
Wt. ctn. 32 lbs.

## PARIS GREEN



A rich emerald color and of fine fluffy physical character. Containing 50 per cent Arsenious Oxide, it will give quickest control where extreme measures are necessary.

For use on:

Potatoes, cotton, tobacco, also to mix with Arsenate of Lead for fruit tree spraying where quick results are necessary.

| Per lb. | Size<br>Ctn., lbs.               | Lbs. in a<br>Shipping<br>Carton | Each   |
|---------|----------------------------------|---------------------------------|--------|
|         | (PG $\frac{1}{4}$ )              |                                 |        |
| K3938K  | X1D13 $\frac{1}{4}$              | 12                              | \$0.45 |
| KK3938K | X1D08—(Full Carton Lots 12 Lbs.) |                                 |        |
|         | Wt. ctn. 17 lbs.                 |                                 |        |

(PG1)

|              |                            |    |      |
|--------------|----------------------------|----|------|
| K3939K D7C2  | 1                          | 24 | 1.15 |
| KK3939K D6C9 | (Full Carton Lots 24 Lbs.) |    |      |

Wt. ctn. 29 lbs.

## WETTABLE DUSTING SULPHUR



An improved dusting sulphur for home use which can also be used as a liquid spray.

Recommended for controlling mildew, leaf spot, black spot and rust on rose bushes, snapdragons, carnations and certain other foliage—also red spider on evergreens—98% passes through 325 mesh screen.

An excellent control for chiggers—a light sprinkling of this substance chases chiggers.

In Sifter Top 2 lb. Cartons

| Each               | Size           | Each   |
|--------------------|----------------|--------|
| K3893K (LS2) D5C5  | .....          | \$0.89 |
| KK3893K (LS2) D5C3 | (Case Lots 12) |        |

Twelve in case. Wt. case 28 lbs.

## ALL ROUND SPRAY



For roses, azaleas, other flowers, shrubs, vegetables and fruit trees. A new, modern, carefully formulated multi-purpose product designed to provide with one application the best available protection against both insects and fungi such as rose chafer, azalea flower spot, thrip, black spot, downy

mildews, leaf spot, many rusts, Japanese beetle, leaf-hopper, flea beetle, aphids, cabbage worm and many others.

Suitable for dusting as well as spraying.

| Per lb.      | Size                       | Cartons in Case | Each   |
|--------------|----------------------------|-----------------|--------|
| K3935K D8C2  | 1                          | 12              | \$1.29 |
| KK3935K D7C8 | (Full Carton Lots 12 lbs.) |                 |        |

Wt. ctn. 16 lbs.

# SPRAYING GUIDE

ACME

 What and When to Spray  
 APPLES AND PEARS

| INSECT OR DISEASE                       | SPRAY OR DUST    | DILUTIONS                                |                           | HOW AND WHEN TO APPLY                                                                                                                             |
|-----------------------------------------|------------------|------------------------------------------|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
|                                         |                  | To 1 Gallon Water                        | To 50 Gallons Water       |                                                                                                                                                   |
| Oyster-Shell, San Jose and Scurfy Scale | Dry Lime Sulfur  | 9-11 Tablespoonfuls<br>10 Tablespoonfuls | 12-15 Pounds<br>2 Gallons | Spray During Period Plant is Dormant, Best in Spring Before Buds Swell, Appl When Temperature is Above Freezing.                                  |
| Green Apple, Rosy and Other Aphids      | Dry Lime Sulfur  | 1 Teaspoonful<br>7½-8 Tablespoonfuls     | ¼ Pint<br>10 Pounds       | 1. First Spray, Before Buds Turn Green.<br>2. Delayed Dormant, When Leaves are ¼-½ Inch Long.                                                     |
| Fear Leaf Blister Mite                  | Dry Lime Sulfur  | 9-11 Tablespoonfuls                      | 12-15 Pounds              | Apply in Spring Before Buds Open, California—Apply in Fall When Crop is Off.                                                                      |
| Codling Moth                            | Arsenate of Lead | 2-3 Tablespoonfuls                       | 1½ Pounds                 | 1. When Most Petals Have Fallen. 2. Respray 14 Days Later. 3. 21 Days Later. 4. 28 Days Later. Spray Second Brood When Fresh Worm Injury is Seen. |
| Tent Caterpillars                       | Arsenate of Lead | 2-3 Tablespoonfuls                       | 1½ Pounds                 | Spray Whenever Insects Make Their Appearance.                                                                                                     |
| Apple Maggot                            | Arsenate of Lead | 2¾ Tablespoonfuls                        | 2 Pounds                  | 1. First Week of July, Northern and Eastern U. S.<br>2. Repeat 10 to 14 Days Later.                                                               |
| Curculio                                | Arsenate of Lead | 2-3 Tablespoonfuls                       | 1½ Pounds                 | 1. Spray When Leaf Tips are ¼ to ½ Inch Long.<br>2. When Most of the Petals Have Fallen.<br>3. Seven to 10 Days After.                            |
| Rose Chafer                             | Arsenate of Lead | 2¾ Tablespoonfuls                        | 2 Pounds                  | Apply When First Beetles Appear.                                                                                                                  |
| Seab Leaf Spot                          | Dry Lime Sulfur  | 7½-8 Tablespoonfuls<br>2½ Tablespoonfuls | 10 Pounds<br>4 Pounds     | 1. Delayed Dormant When Buds Show Green.<br>2. Before Buds Show Pink.<br>3. When Petals Have Fallen<br>4. Respray 10 Days Later.                  |
| Blotch                                  | Bordeaux Mixture | 4 Tablespoonfuls                         | 4 Pounds                  | Add to Midsummer Sprays for Codling Moth.                                                                                                         |

## CHERRIES, PLUMS AND APRICOTS

|                                 |                                            |                                                               |                                   |                                                                                                                                                                                                 |
|---------------------------------|--------------------------------------------|---------------------------------------------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Cherry Fruit Fly                | Arsenate of Lead                           | 1½ Tablespoonfuls                                             | 1¼ Pounds                         | 1. Spray as Soon as Flies Appear. 2. Repeat in 10 to 14 Days. Avoid Using on Shipping Varieties.                                                                                                |
| Rose Chafer                     | Arsenate of Lead                           | 2¾ Tablespoonfuls                                             | 2 Pounds                          | Apply When First Beetles Appear.                                                                                                                                                                |
| Curculio                        | Arsenate of Lead                           | 2-3 Tablespoonfuls                                            | 1½ Pounds                         | 1. As Soon as Petals Fall.<br>2. Seven Days Later.                                                                                                                                              |
| Tent Caterpillars and Web-Worms | Arsenate of Lead<br>Pyrethrum Garden Guard | 2-3 Tablespoonfuls<br>10 Tablespoonfuls                       | 2 Pounds<br>5 Pounds              | Spray When Insects Make Their Appearance. Covering Foliage Thoroughly.                                                                                                                          |
| Scale                           | Acme Dry Lime Sulfur                       | 9-11 Tablespoonfuls                                           | 12-15 Pounds                      | Dormant Spray. See Recommendations for Apple.                                                                                                                                                   |
| Aphids                          | Dry Lime Sulphur                           | 1 Teaspoonful<br>7½-8 Tablespoonfuls                          | ¼ Pin<br>10 Pounds                | Dormant Spray. See Apple Schedule Above.                                                                                                                                                        |
| Seab Leafspot                   | Dry Lime Sulfur                            | 7½-8 Tablespoonfuls<br>5½ Tablespoonfuls                      | 10 Pounds<br>6 Pounds             | 1. Dormant Spray. Before Buds Swell in the Spring.<br>2. As Soon as Petals Fall. 3. Respray One Week Later.<br>4. Late Summer, One Month Before Plum Picking.                                   |
| Shot-Hole Fungus                |                                            | 9-11 Tablespoonfuls                                           | 12-15 Pounds                      | West Coast—Apply Before the Winter Rains.                                                                                                                                                       |
| Brown Rot                       | Dry Lime Sulfur                            | 5½ Tablespoonfuls<br>2½ Tablespoonfuls<br>7½-8 Tablespoonfuls | 6 Pounds<br>4 Pounds<br>10 Pounds | 1. Right After Petal Fall. 2. Respray 4 weeks Later.<br>3. Late Summer, One Month Before Plum Picking.<br>West Coast—Apply in Spring Before Growth Starts. Do Not Use on Apricots in California |

## PEACHES

|                                 |                                                              |                                                              |                                     |                                                                                                                                          |
|---------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Scale                           | Dry Lime Sulfur                                              | 9-11 Tablespoonfuls<br>8 Tablespoonfuls                      | 12 to 15 Pounds<br>1½ Gallons       | Spray During Dormant Period, Best Just Before Bud Swelling, When Temperature is Above Freezing.                                          |
| Curculio                        | Arsenate of Lead and Hydrated Lime<br>Basic Arsenate of Lead | 1¼ Tablespoonfuls<br>3 Tablespoonfuls<br>1-1½ Tablespoonfuls | 1 Pound<br>1½ Pounds<br>1-1½ Pounds | 1. Spray After the Petals Fall.<br>2. Respray in 7 and 14 Days.<br>On West Coast—Spray When Insects Appear, Covering Foliage Thoroughly. |
| Tent Caterpillars and Web-Worms | Arsenate of Lead and Hydrated Lime                           | 1¼ Tablespoonfuls<br>3 Tablespoonfuls                        | 1 Pound<br>1½ Pounds                | Spray When Insects Make Their Appearance, Covering Foliage Thoroughly.                                                                   |
| Brown Rot                       | Dry Lime Sulfur                                              | 7½-8 Tablespoonfuls                                          | 10 Pounds                           | Apply in Early Spring Before Growth Starts                                                                                               |

## CITRUS FRUITS

|                  |                 |                                       |                       |                                                                             |
|------------------|-----------------|---------------------------------------|-----------------------|-----------------------------------------------------------------------------|
| Red Spider       | Dry Lime Sulfur | 3 Tablespoonfuls                      | 4 Pounds              | Apply When Insects Appear. Do Not Spray if Temperature is Excessively High. |
| Thrips           | Dry Lime Sulfur | 1½ Tablespoonfuls<br>2 Tablespoonfuls | 2½ Pounds<br>½ Gallon | 1. When Most Petals Have Fallen.<br>2. Respray 1 and 2 Weeks Later.         |
| Citrus Rust Mite | Dry Lime Sulfur | 3 Tablespoonfuls                      | 4 Pounds              | 1. Spray Spring and Early Summer.<br>2. Respray if Mites Become Numerous.   |

## SHADE TREES

|             |                  |                     |              |                                                                                                 |
|-------------|------------------|---------------------|--------------|-------------------------------------------------------------------------------------------------|
| Scale       | Dry Lime Sulfur  | 9-11 Tablespoonfuls | 12-15 Pounds | Dormant Spray. Apply in Spring Before Buds Swell, When Temperature is Above Freezing.           |
| Caterpillar | Arsenate of Lead | 2¾ Tablespoonfuls   | 2 Pounds     | Spray the Trees Just Before the Spring Leaves Attain Mature Growth. Repeat When Insects Appear. |

## GRAPES

|                   |                        |                    |           |                                                                                                                      |
|-------------------|------------------------|--------------------|-----------|----------------------------------------------------------------------------------------------------------------------|
| Grape Leaf Hopper | Pyrethrum Garden Guard | 8 Tablespoonfuls   | 4 Pounds  | Spray When Adults First Appear. Respray in Two Weeks. Repeat for Second Generation.                                  |
| Grape Berry Moth  | Arsenate of Lead       | 2¾ Tablespoonfuls  | 2 Pounds  | 1. Spray Shortly After Fruit Sets. 2. Respray 10 Days Later. 3. When Grapes are Half Grown.                          |
| Grape Root-Worm   | Arsenate of Lead       | 2-3 Tablespoonfuls | 1½ Pounds | Spray Thoroughly When Insects or the Leaf Damage is First Noted. Repeat Week Later.                                  |
| Black Rot         | Bordeaux Mixture       | 8 Tablespoonfuls   | 8 Pounds  | 1. When Shoots are 8 to 10 Inches Long. 2. Before Blossom Buds Open 3. After Blossoms Fall. 4. Ten to 14 Days Later. |

## RASPBERRIES, BLACKBERRIES, CURRANTS AND GOOSEBERRIES

|                                       |                                                 |                                         |                            |                                                                                                                               |
|---------------------------------------|-------------------------------------------------|-----------------------------------------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| Oyster-Shell, San Jose and Rose Scale | Dry Lime Sulfur                                 | 9-11 Tablespoonfuls<br>8 Tablespoonfuls | 12-15 Pounds<br>1½ Gallons | Dormant Spray. Apply Before Growth Starts in the Spring.                                                                      |
| Red Spider                            | Dry Lime Sulfur                                 | 3 Tablespoonfuls                        | 4 Pounds                   | Apply When Spiders are First Seen or Leaves Discolor.                                                                         |
| Imported Currant Worm                 | Arsenate of Lead<br>Pyrethrum Garden Guard      | 1¼ Tablespoonfuls<br>Use as Dust        | 1 Pound<br>Use as Dust     | Apply a Week After Leaves Unfold in the Spring.<br>Dust Plants Twice Weekly While Worms are Present.                          |
| Saw-Flies                             | Acme Arsenate of Lead<br>Pyrethrum Garden Guard | 1¼ Tablespoonfuls<br>Use as Dust        | 1 Pound<br>Use as Dust     | Spray before Fruiting Period When Leaves are Fully Grown and Insects Appear.<br>Dust Plants Thoroughly After Fruiting Period. |
| Mildew                                | Dry Lime Sulfur                                 | 2 Tablespoonfuls                        | 3 Pounds                   | Spray When Leaf Buds Open and at 3-10 day Intervals.                                                                          |

## SPRAYING GUIDE

ACME

What and When to Spray

ASPARAGUS

| INSECT OR DISEASE | SPRAY OR DUST          | DILUTIONS         |                     | HOW AND WHEN TO APPLY                                                             |
|-------------------|------------------------|-------------------|---------------------|-----------------------------------------------------------------------------------|
|                   |                        | To 1 Gallon Water | To 50 Gallons Water |                                                                                   |
| Asparagus Beetles | Pyrethrum Garden Guard | Use as Dust       | Use as Dust         | Dust Whenever Insects Appear, Covering Tips and Plants.                           |
|                   | Arsenate of Lead       | 2½ Tablespoonfuls | 2 Pounds            | Spray After Cutting Season is Over. If Dust Preferred, See Directions on Package. |

## BEANS AND PEAS

|                     |                        |                  |             |                                                                                                 |
|---------------------|------------------------|------------------|-------------|-------------------------------------------------------------------------------------------------|
| Aphids              | Pyrethrum Garden Guard | Use as Dust      | Use as Dust | Apply Thoroughly to All Parts of Plant Where Insects are Feeding When They First Appear.        |
| Mexican Bean Beetle | Pyrethrum Garden Guard | Use as Dust      | Use as Dust | Apply Thoroughly When Beetles First Appear and Repeat at Weekly Intervals While Insects Remain. |
|                     | Pyrethrum Garden Guard | 8 Tablespoonfuls | 4 Pounds    |                                                                                                 |
| Mildew              | Bordeaux Mixture       | 8 Tablespoonfuls | 8 Pounds    | Apply Twice, To Prevent Mildew; do so After Plants Have Reached Full Growth                     |

## CABBAGE, CAULIFLOWER, BRUSSELS SPROUTS AND BROCCOLI

|               |                        |                   |             |                                                                                       |
|---------------|------------------------|-------------------|-------------|---------------------------------------------------------------------------------------|
| Aphids        | Pyrethrum Garden Guard | Use as Dust       | Use as Dust | Dust When Insects Appear While Dew is on the Plant.                                   |
| Cabbage Worms | Pyrethrum Garden Guard | Use as Dust       | Use as Dust | Shake on Plants Any Time Pests are Present.                                           |
|               | Paris Green            | ¼-1 Tablespoonful | 1-1½ Pounds | Apply Before Plants Head Up. If Dust Application Preferred—See Directions on Package. |

## CELERY

|        |                  |                                      |                       |                                                                                            |
|--------|------------------|--------------------------------------|-----------------------|--------------------------------------------------------------------------------------------|
| Blight | Bordeaux Mixture | 6 Tablespoonfuls<br>4 Tablespoonfuls | 6 Pounds<br>1½ Pounds | 1. Apply First Sprays to Seed Beds.<br>2. Repeat at Weekly Intervals After Plants are Set. |
|--------|------------------|--------------------------------------|-----------------------|--------------------------------------------------------------------------------------------|

## CORN

|               |                                                  |             |             |                                                        |
|---------------|--------------------------------------------------|-------------|-------------|--------------------------------------------------------|
| Corn Ear Worm | Arsenate of Lead 50% with<br>Dusting Sulphur 50% | Use as Dust | Use as Dust | Apply to Corn Silks Weekly When Tassel Begins to Open. |
|---------------|--------------------------------------------------|-------------|-------------|--------------------------------------------------------|

## COTTON

|                    |                  |             |                     |                                                                                       |
|--------------------|------------------|-------------|---------------------|---------------------------------------------------------------------------------------|
| Cotton Boll Weevil | Calcium Arsenate | Use as Dust | 2½ Pounds per Acre  | 1. Apply When First Squares are Formed.                                               |
|                    |                  |             | 5-7 Pounds per Acre | 2. Make 5 Applications at Weekly Intervals.                                           |
| Cotton Leaf Worm   | Paris Green      | Use as Dust | 2 Pounds per Acre   | Apply Whenever Worms Appear and Make 2 Applications On Week Apart Late in the Season. |

## CUCUMBERS AND MELONS

|                         |                                            |                            |                            |                                                                                                                     |
|-------------------------|--------------------------------------------|----------------------------|----------------------------|---------------------------------------------------------------------------------------------------------------------|
| Striped Cucumber Beetle | Pyrethrum Garden Guard<br>Calcium Arsenate | Use as Dust<br>Use as Dust | Use as Dust<br>Use as Dust | Apply When Beetles are Present.<br>Mix 1 Part with 10 Parts Lime—and Keep Plants Covered While Beetles are Present. |
| Anthraxnose and Wilt    | Bordeaux Mixture                           | 4 Tablespoonfuls           | 4 Pounds                   | Spray When Disease Appears. Continue at Weekly Intervals Until Disease Symptoms Disappear.                          |

## EGG PLANT

|              |                                          |                                        |                       |                                                                  |
|--------------|------------------------------------------|----------------------------------------|-----------------------|------------------------------------------------------------------|
| Flea-Beetles | Arsenate of Lead and Bordeaux<br>Mixture | 2-3 Tablespoonfuls<br>8 Tablespoonfuls | 1½ Pounds<br>8 Pounds | Dip Plants Before Setting Out and Spray Whenever Insects Appear. |
| Lace-Bugs    | Pyrethrum Garden Guard                   | Use as Dust                            | Use as Dust           | Apply with Hand Duster to Under Side of Leaves.                  |

## PEPPER

|                |                  |                  |          |                                                |
|----------------|------------------|------------------|----------|------------------------------------------------|
| Bacterial Spot | Bordeaux Mixture | 4 Tablespoonfuls | 4 Pounds | 1. Spray Seedlings When 4 to 6 Leaves Develop. |
| Leaf Spot      |                  | 8 Tablespoonfuls | 8 Pounds | 2. Spray Weekly After Plants are Set Out.      |

## POTATOES

|                           |                                                                                |                                                                                     |                                                   |                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Potato Bug                | Red River Potato Mix, Paris<br>Green or Calcium Arsenate                       | 4-5 Tablespoonfuls<br>2-3 Tablespoonfuls<br>½-1 Tablespoonful<br>2-3 Tablespoonfuls | 4-6 Pounds<br>2 Pounds<br>1-1½ Pounds<br>2 Pounds | Spray Every 10 to 14 Days From Time Plants are Above Ground Until Plants Ripen and Fall Over. If Dust Application Preferred see Directions on Package. |
| Leafhopper<br>Flea-beetle | Red River Potato Mix for Both<br>Insects and 1/2 Lase or Bor-<br>deaux Mixture | 4-5 Tablespoonfuls<br>8 Tablespoonfuls                                              | 4-6 Pounds<br>8 Pounds                            | Spray Every 10 Days After Plants Come Up Until Just Before Harvest. If Dust Applications are Preferred see the Directions on the Package.              |

## STRAWBERRIES

|                        |                        |                   |             |                                                                                                          |
|------------------------|------------------------|-------------------|-------------|----------------------------------------------------------------------------------------------------------|
| Strawberry Leaf Roller | Pyrethrum Garden Guard | Use as Dust       | Use as Dust | Apply Whenever Insects Appear.                                                                           |
|                        | Arsenate of Lead or    | 2½ Tablespoonfuls | 2 Pounds    | Apply Early in Spring and Late in Summer.                                                                |
|                        | Bordeaux Mixture       | 6 Tablespoonfuls  | 6 Pounds    | Avoid Spraying During Fruiting Period.                                                                   |
| Red Spider             | Pyrethrum Garden Guard | Use as Dust       | Use as Dust | Mix Equal Portions of Both Materials and Dust with Blower on Under Leaf Surfaces Whenever Insects Appear |

## SWEET POTATOES

|                  |                  |                   |         |                                                                           |
|------------------|------------------|-------------------|---------|---------------------------------------------------------------------------|
| Tortoise Beetles | Arsenate of Lead | 1½ Tablespoonfuls | 1 Pound | Dip Plants Before Setting Out and Spray When Beetles Appear in the Field. |
|------------------|------------------|-------------------|---------|---------------------------------------------------------------------------|

## TOBACCO

|            |                                                 |                  |                                  |                                                                                           |
|------------|-------------------------------------------------|------------------|----------------------------------|-------------------------------------------------------------------------------------------|
| Fly-beetle | Bordeaux Mixture                                | 8 Tablespoonfuls | 8 Pounds                         | Spray Plants While in Seed Bed.                                                           |
|            | Arsenate of Lead or                             | Use as Dust      | 5 Pounds per Acre                | Apply After Transplanting, Mixed with 8 Parts Lime.                                       |
|            | Paris Green or                                  | Use as Dust      | 1-2 Pounds per Acre              | Apply After Transplanting, Mixed with 4 Parts Lime.                                       |
|            | Pyrethrum Garden Guard                          | Use as Dust      | Use as Dust                      | Apply Directly to Plants When Insects are Present                                         |
| Hornworm   | Paris Green or                                  | Use as Dust      | 1-2 Pounds per Acre              | 1. Apply in Late June When Worms First Appear                                             |
|            | Arsenate of Lead                                | Use as Dust      | 3½-5 Pounds per Acre             | 2. Repeat in August When Second Brood Appears.                                            |
| Hudworm    | Arsenate of Lead 1 lb. and<br>Corm Meal 75 lbs. | Use as Dust      | Use as Dust                      | Scatter in Buds Twice Weekly, From the Time Plants are Set Out Until Topping is Completed |
| Wild Fire  | Bordeaux Mixture                                | Use as Dust      | 2 Pounds per 100<br>Square Yards | 1. Apply on Plants in Seed Bed<br>2. Keep Plants Covered with Dust Until Set Out.         |

## TOMATOES

|          |                        |                    |             |                                                                                                   |
|----------|------------------------|--------------------|-------------|---------------------------------------------------------------------------------------------------|
| Hornworm | Pyrethrum Garden Guard | Use as Dust        | Use as Dust | Spray or Dust when insects first appear and Repeat or Second brood appearing later in the season. |
|          | Calcium Arsenate       | 2-3 Tablespoonfuls | 2 Pounds    | Avoid Arsenicals on Shipping Varieties.                                                           |
| Blight   | Bordeaux Mixture       | 6 Tablespoonfuls   | 6 Pounds    | Spray Plants in Seed Bed and at Ten Day Intervals in the Field Until Fruit is Set.                |

## GRASS SEED

## KAY-BEE

**Note**—All following items of grass seed cannot be shipped from stock into states of Indiana and Kentucky.

**Surety—For True Luxury Lawns**

100% perennial mixture, 59.55% Kentucky Bluegrass—accepted standard for beautiful lawns, 19.65% Creeping Red Fescue for balance of color and season-long growing strength, 9.20% Redtop provides nurse grass.

| Per Pkg.         | Pkg. lbs. | Per Pkg. |
|------------------|-----------|----------|
| 4-S1-K D9C5      | 1—Ctn.    | \$1.45   |
| Lots of 24 D8C7  |           |          |
| 4-S5-K X4D40     | 5—Ctn.    | 6.69     |
| Lots of 12 X4D02 |           |          |
| 4-S25-K X20D95   | 25—Bag    | 31.75    |
| Lots of 2 X19D05 |           |          |
| 4-S100-K X73D35  | 100—Bag   | 122.25   |

**Hillside—For All Around Turf Use**

Thick luxurious, permanent lawn—100% perennial mixture. Well-balanced formula includes 42.50% Kentucky Bluegrass, 29.40% Creeping Red Fescue, 9.80% Perennial Ryegrass and 9.80% Highland Bent.

| Per Pkg.         | Pkg. lbs. | Per Pkg. |
|------------------|-----------|----------|
| 4-H1-K D8C9      | 1—Ctn.    | \$1.35   |
| Lots of 24 D8C1  |           |          |
| 4-H5-K X4D02     | 5—Ctn.    | 6.10     |
| Lots of 12 X3D66 |           |          |
| 4-H25-K X19D05   | 25—Bag    | 28.90    |
| Lots of 2 X17D34 |           |          |
| 4-H100-K X66D66  | 100—Bag   | 111.10   |

**Midway Park**

**Sturdy Green Lawn for Outdoor Living**  
100% perennial mixture, 29.40% Creeping Red Fescue, 21.25% Kentucky Bluegrass, 19.60% Perennial Ryegrass, 14.70% Kentucky 31 Fescue and 9.80% Highland Bent.

| Per Pkg.         | Pkg. lbs. | Per Pkg. |
|------------------|-----------|----------|
| 4-M1-K D7C5      | 1—Ctn.    | \$1.15   |
| Lots of 24 D6C9  |           |          |
| 4-M5-K X3D40     | 5—Ctn.    | 5.15     |
| Lots of 12 X3D09 |           |          |
| 4-M25-K X15D75   | 25—Bag    | 23.90    |
| Lots of 2 X14D34 |           |          |
| 4-M100-K X54D66  | 100—Bag   | 91.10    |

**Dexter Park**

**For Play Areas and Wear and Abuse**  
Comes up fast to provide a sturdy green lawn. All perennial mixture includes 49.00% perennial Ryegrass, 39.20% Kentucky 31 Fescue and 8.55% Kentucky Bluegrass.

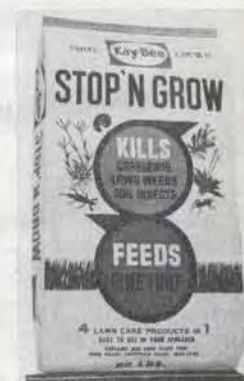
| Per Pkg.         | Pkg. lbs. | Per Pkg. |
|------------------|-----------|----------|
| 4-D1-K D6C2      | 1—Ctn.    | \$0.95   |
| Lots of 24 D5C7  |           |          |
| 4-D5-K X2D65     | 5—Ctn.    | 3.99     |
| Lots of 12 X2D40 |           |          |
| 4-D25-K X12D10   | 25—Bag    | 18.35    |
| Lots of 2 X11D01 |           |          |
| 4-D100-K X41D34  | 100—Bag   | 68.90    |

**Glenview****High Germination—Quick Results**

High purity, laboratory-tested mixture—free of crabgrass. Includes 60.00% Domestic Rye, 20.00% Perennial Rye and 20% Kentucky 31 Fescue.

**5—lb. Colorful Poly Bags**

| Per Pkg.         | Per Pkg. |
|------------------|----------|
| 4-GGS5-K X1D70   | \$2.59   |
| Lots of 12 X1D60 |          |

**Stop 'N Grow Lawn Care**

**Kills Lawn Weeds, Crabgrass, Soil Insects  
Feeds Fine Turf**

Four-way integrated lawn program in one package. Easily applied with lawn spreader. Packaged in attractive bags with instructions.

| Per Pkg.       | Pkg. lbs. | Covers Sq. Ft. | Per Pkg. |
|----------------|-----------|----------------|----------|
| 4-SG7-K X2D83  | 7         | 1250           | \$4.25   |
| 4-SG15-K X5D29 | 15        | 2500           | 7.95     |

## DEALER CO-OP ADVERTISING

Kay-Bee will pay half of the dealers own advertising at lowest earned rate. Complete details on the new Kay-Bee Co-op Advertising program with contract packed in shipping cases.

## SEED TAX TAG

Special State Tags and Stamps: Grass seed shipped into Ky. and Indiana requires tags or stamps to be applied at factory and will be invoiced at slightly higher prices according to the following tax:

**Extra Charge for Analysis Tags when Shipped Direct in the Following States:****Indiana**

|              |                 |
|--------------|-----------------|
| 1 lb. Carton | None Per Carton |
| 5 lb. Carton | D0C2 Per Carton |
| 25 lb. Bag   | D0C2 Per Bag    |
| 100 lb. Bag  | D0C8 Per Bag    |

**Kentucky**

|              |                 |
|--------------|-----------------|
| 1 lb. Carton | None Per Carton |
| 5 lb. Carton | D0C2 Per Carton |
| 25 lb. Bag   | D0C2 Per Bag    |
| 100 lb. Bag  | D0C9 Per Bag    |

**Direct Shipment**

All numbers of grass seed may be shipped direct from factory, Chicago, Illinois with freight prepaid in 100 lb. lots or more except GGS5.

States of Indiana and Kentucky—Direct Shipment Only. See Extra Charge for Analysis Tags.

**PLANT FOOD****ARMOUR'S VERTAGREEN**

For lawns, flowers, vegetables, trees and shrubs. Contains a carefully blended ratio of nutrients needed for healthy, prolific growth.



| Per Bag                                     |         |                   | Per Bag |
|---------------------------------------------|---------|-------------------|---------|
| 4-VG100-K                                   | N-X3D44 | 100 lb. Bag ..... | \$5.15  |
| 4-VG50-K                                    | N-X1D82 | 50 lb. Bag .....  | 2.75    |
| <b>Two Bags to a Bale</b>                   |         |                   |         |
| 4-VG25-K                                    | N-X1D16 | 25 lb. Bag .....  | 1.75    |
| <b>Five Bags to a Bale</b>                  |         |                   |         |
| 4-VG10-K                                    | N-D6C5  | 10 lb. Bag .....  | 1.10    |
| <b>Ten Bags to a Bale</b>                   |         |                   |         |
| 4-VG5-K                                     | N-D3C5  | 5 lb. Bag .....   | .60     |
| <b>VG10 and VG5 Sold Only in Full Bales</b> |         |                   |         |

**TREE AND TURF PLANT FOOD**

| Per Bag   |         |                  | Per Bag |
|-----------|---------|------------------|---------|
| 4-VPT50-K | N-X2D05 | 50 lb. Bag ..... | \$3.30  |
| 4-VPT80-K | N-X3D12 | 80 lb. Bag ..... | 5.00    |

**PLANT FOOD****ARMOUR'S VERTAGREEN****Direct Shipment**

No Direct Shipment Orders for Less Than 1/4 Ton Can be Accepted

On shipments under 1/2 ton down to 1/4 ton a minimum service charge of D1C00 must be added to price per shipment.

+VG100-K  
 +VG50-K  
 +VG25-K  
 +VG10-K  
 +VG5-K  
 +VPT50-K  
 +VPT80-K

Up to 3 Tons  
 No Discount

+VG100-KX  
 +VG50-KX  
 +VG25-KX  
 +VG10-KX  
 +VG5-KX  
 +VPT50-KX  
 +VPT80-KX

3 to 5 Tons.....D0C5  
 5 to 10 Tons.....D0C8  
 10 to 30 Tons.....D1C2

Freight Allowances—Up to X10D00 per ton to all Points Listed Below Except to the Following Points which is up to X6D00 Per Ton. Waterloo Iowa, Winona Minnesota, North Kansas City Mo.

Freight Allowance is Only up to Railroad Point. Store Door Delivery is Not Included When Shipped by Railroad

**DIRECT SHIPMENTS CAN BE MADE FROM FOLLOWING WAREHOUSES****ALABAMA**

Birmingham  
Montgomery

**FLORIDA**

Jacksonville  
Davenport

**GEORGIA**

Albany  
Augusta  
Columbus

**ILLINOIS**

Chicago Heights  
East St. Louis

**INDIANA**

Jeffersonville

**IOWA**

Waterloo

**LOUISIANA**

New Orleans

**MINNESOTA**

Winona

**MISSOURI**

North Kansas City

**NORTH CAROLINA**

Greensboro  
Wilmington

**SOUTH CAROLINA**

Columbus

**OHIO**

Cincinnati  
Sandusky

**TENNESSEE**

Memphis  
Nashville

**TEXAS**

Dallas  
Houston

## PLANT FOOD

## ARMOUR'S VERTAGREEN

For lawns, flowers, vegetables, trees and shrubs. Contains a carefully blended ratio of nutrients needed for healthy, prolific growth.



| Per Bag                                     |         |                  | Per Bag |
|---------------------------------------------|---------|------------------|---------|
| 4-VG100-K                                   | N-X3D44 | 100 lb. Bag..... | \$5.15  |
| 4-VG50-K                                    | N-X1D82 | 50 lb. Bag.....  | 2.75    |
| <b>Two Bags to a Bale</b>                   |         |                  |         |
| 4-VG25-K                                    | N-X1D16 | 25 lb. Bag.....  | 1.75    |
| <b>Five Bags to a Bale</b>                  |         |                  |         |
| 4-VG10-K                                    | N-D6C5  | 10 lb. Bag.....  | 1.10    |
| <b>Ten Bags to a Bale</b>                   |         |                  |         |
| 4-VG5-K                                     | N-D3C5  | 5 lb. Bag.....   | .60     |
| <b>VG10 and VG5 Sold Only in Full Bales</b> |         |                  |         |

## TREE AND TURF PLANT FOOD

| Per Bag   |         |                 | Per Bag |
|-----------|---------|-----------------|---------|
| 4-VPT50-K | N-X2D05 | 50 lb. Bag..... | \$3.30  |
| 4-VPT80-K | N-X3D12 | 80 lb. Bag..... | 5.00    |

## PLANT FOOD

## ARMOUR'S VERTAGREEN

## Direct Shipment

No Direct Shipment Orders for Less Than 1/4 Ton Can be Accepted

On shipments under 1/2 ton down to 1/4 ton a minimum service charge of D1C00 must be added to price per shipment.

±VG100-K  
±VG50-K  
±VG25-K  
±VG10-K  
±VG5-K  
±VPT50-K  
±VPT80-K

Up to 3 Tons  
No Discount

±VG100-KX  
±VG50-KX  
±VG25-KX  
±VG10-KX  
±VG5-KX  
±VPT50-KX  
±VPT80-KX

3 to 5 Tons.....D0C5  
5 to 10 Tons.....D0C8  
10 to 30 Tons.....D1C2

Freight Allowances—Up to X10D00 per ton

Freight Allowance is Only up to Railroad Point. Store Door Delivery is Not Included When Shipped by Railroad

## DIRECT SHIPMENTS CAN BE MADE FROM FOLLOWING WAREHOUSES

ALABAMA  
Birmingham  
Montgomery

FLORIDA  
Jacksonville

GEORGIA  
Albany  
Atlanta  
Augusta  
Columbus

ILLINOIS  
Chicago Heights  
East St. Louis

INDIANA  
Jeffersonville

IOWA  
Waterloo

LOUISIANA  
New Orleans

MINNESOTA  
Winona

MISSOURI  
North Kansas City

NORTH CAROLINA  
Greensboro  
Wilmington

SOUTH CAROLINA  
Columbus

OHIO  
Cincinnati  
Sandusky

TENNESSEE  
Memphis  
Nashville

TEXAS  
Dallas  
Houston

## SOIL CONDITIONER PLANT FOOD CONCENTRATE MONSANTO FOLIUM



For finer lawns, fairer flowers and fatter vegetables. Feeds the plants through the leaves. A fast feeding plant food concentrate. Contains nitrogen, phosphorus and potassium. Quick dissolving. Will not burn foliage or grass. Easy to apply. Ten teaspoons make  $2\frac{1}{2}$  gallons. Complete with instructions.

### Two Ounce Packages

|               |                                    |          |
|---------------|------------------------------------|----------|
| Per Pkg.      |                                    | Per Pkg. |
| K3933K (FC2)  | D1C6 $\frac{1}{2}$                 | \$0.25   |
| KK3933K (FC2) | D1C6 $\frac{1}{2}$ —(Case lots 48) |          |

Forty-eight pkgs. in ctn. Wt. ctn. 6 $\frac{1}{2}$  lbs.

## ORGANIC PLANT FOODS AND SOIL CONDITIONERS

HOFFMAN

**NOTE—Do not Sell in the Following States: Arizona, Colorado, Montana, Idaho, Nevada, New Mexico, Oregon, Utah, Washington and Wyoming.**

Attractively packaged line advertised in garden magazines.



### PEAT MOSS

Adds humus—conserves moisture and prevents baking of soil. Discourages weeds.

For:

Potted Plants . . .  
Window Boxes . . .  
Outdoor Gardens . . .

Packaged in 3 lb. bags

Per Ctn. (6) ▲ Per Bag

4-305-K N-X3D16 . . . . . \$0.79

Six in ctn. Wt. ctn. 21 lbs.

**Sold Only in Full Cartons**

### BONE MEAL (Raw)

Promotes root and stem growth.

For:

Excellent bulb food . . .  
Perennials . . .  
Vegetables . . .  
Potted Plants . . .

Packaged in 5 lb. bags

Per Ctn. (6) ▲ Per Bag

4-301-K N-X3D16 . . . . . \$0.79

Six in ctn. Wt. ctn. 32 lbs.

**Sold Only in Full Cartons**

### COW MANURE

Non-burning, weed free plant food. Improves soil texture and makes excellent liquid manure.

For:

Potted Plants . . .  
Flowers . . .  
Window Boxes . . .

Packaged in 3 $\frac{1}{2}$  lb. bags

Per Ctn. (6) ▲ Per Bag

4-302-K N-X2D36 . . . . . \$0.59

Six in ctn. Wt. ctn. 24 lbs.

**Sold Only in Full Cartons**

### HYDRATED LIME

Sweetens soil by reducing acidity.

For:

Lawns . . .  
Vegetables . . .  
Flowers . . .

Packaged in 5 lb. bags

Per Ctn. (6) ▲ Per Bag

4-303-K N-X1D96 . . . . . \$0.49

Six in ctn. Wt. ctn. 33 lbs.

### AZALEA AND EVERGREEN FOOD

A special formula for feeding azaleas, broad leaved evergreens and holly.

Packaged in 5 lb. bags

Per Ctn. (6) ▲ Per Bag

4-304-K N-X3D16 . . . . . \$0.79

Six in ctn. Wt. ctn. 32 lbs.

**Sold Only in Full Cartons**

### SHEEP MANURE

Acts as tonic to plants—makes fine liquid manure.

For:

Vegetables . . .  
Potted Plants . . .  
Flower Beds . . .  
African Violets . . .

Packaged in 4 lb. bags

Per Ctn. (6) ▲ Per Bag

4-306-K N-X2D36 . . . . . \$0.59

Six in ctn. Wt. ctn. 28 lbs.

**Sold Only in Full Cartons**

### HUMUS

For:

Potted Plants . . .  
Shrubs . . .

Packaged in 4 lb. bags

Per Ctn. (6) ▲ Per Bag

4-308-K N-X1D96 . . . . . \$0.49

Six in ctn. Wt. ctn. 25 lbs.

**Sold Only in Full Cartons**

### ROSE FOOD

A specially prepared formula for planting and feeding roses. 70% organic.

For:

Roses . . .  
Annuals . . .

Packaged in 5 lb. bags

Per Ctn. (6) ▲ Per Bag

4-309-K N-X3D16 . . . . . \$0.79

Six in ctn. Wt. ctn. 32 lbs.

**Sold Only in Full Cartons**

### VERMICULITE

A soil conditioner—moisture retainer.

For:

Potted Plants . . .  
Arranging cut flowers . . .  
Start seeds and root cuttings . . .

Packaged in 2 lb. 6 oz. bags

Per Ctn. (6) ▲ Per Bag

4-310-K N-X3D16 . . . . . \$0.79

Six in ctn. Wt. ctn. 17 lbs.

**Sold Only in Full Cartons**

### Direct Shipments

On shipments 400 pounds or more (Full case lots only) F.O.B. Sheldon, Illinois. With Full Freight Allowed. Add D2C5 per carton.

## FERTILIZER SPREADERS LAWN BEAUTY

Patented rate control dial enables fertilizers and seed to be spread accurately and uniformly at application rate recommended by manufacturers. All welded, heavy gauge steel. Hot dipped galvanized agitator on oil impregnated bearings. Cam action agitator, rate control dial and removable shutters for easier cleaning. Positive on and off control. Includes comprehensive rate chart for brand name fertilizers and seed furnished with each spreader. Baked enamel finish—old rose hopper and sparkling chartreuse green handles.



### For Small to Average Size Lawns

Specifications:

**Hopper**—16 $\frac{3}{8}$  inches long, 9 $\frac{1}{4}$  inches wide, 8 $\frac{1}{4}$  inches deep.

**Hopper Capacity**—30 pounds.

**Agitator**—2 inch diameter discs—corrosion resistant finish.

**Wheels**—8 inch diameter.

**Tires**—Semi-pneumatic 1 $\frac{1}{4}$  inches wide.

**Width of Spread 16 inches**

Each  $\Delta$  Each  
4-16FS-K N-X9D17.....\$13.75

One in ctn. Wt. ctn. 19 lbs.



### For Average Size Lawns

Specifications:

**Hopper**—Length 18 inches. Width 10 inches. Depth 11 inches.

**Hopper Capacity**—50 pounds.

**Agitator**—With 2 inch diameter discs.

**Wheels**—10 inch diameter.

**Tires**—Semi-pneumatic, 1 $\frac{1}{4}$  inches wide.

**Width of Spread 18 inches**

Each  $\Delta$  Each  
4-18FS-K N-X14D63.....\$21.95

One in ctn. Wt. ctn. 30 lbs.

### For Larger Lawns

Specifications:

**Hopper**—24 inches long, 10 inches wide, 11 inches deep.

**Hopper Capacity**—70 pounds.

**Agitator**—With 2 inch diameter discs—hot dipped galvanized.

**Wheels**—10 inch diameter.

**Tires**—Semi-pneumatic, 1 $\frac{1}{2}$  inches wide.

**Width of Spread 24 inches**

Each  $\Delta$  Each  
4-24FS-K N-X19D30.....\$28.95

One in ctn. Wt. ctn. 34 lbs.

## FERTILIZER SPREADERS JACKSON



### Pony

Precision hopper-top control. All-steel body, forked tubular handle (popular cane style) with plastic grip, two-leg design. Triangular openings superimposed on rectangles for most efficient spreading.

Features: 8 inch wheels, solid rubber tires with 1 $\frac{1}{4}$  inch tread and steel bearings. Tu-tone baked automotive finish; hopper green, trim yellow. Hopper capacity 32 lbs.

**Width of Spread 16 Inches**

Each  $\Delta$  Each  
4-P16-K X5D35.....\$8.00

One in ctn. Wt. ctn. 14 lbs.



Features 8 inch wheels, solid rubber tires with 1 $\frac{1}{4}$  inch tread and steel bearings. Removable baffle plate and agitator. Nylon bearings. Tu-tone baked automotive finish; hopper green, trim yellow. Hopper capacity 40 lbs.

**Width of Spread 18 Inches**

Each  $\Delta$  Each  
4-18/75-K X7D60.....\$11.50

One in ctn. Wt. ctn. 18 $\frac{1}{2}$  lbs.

## GARDEN MULCH WARP



### Easy-Grow

Covers two 20 foot rows. Stops weeds, holds moisture, grows plants faster.

Sunlight resistant black polyethylene stops weeds, saves watering and holds ground heat.

Size: 20 feet long, 36 inches wide.

Per Ctn.  
(12)  $\Delta$  Each  
61-EG12-K X7D84.....\$0.98

Twelve in ctn. Wt. ctn. 9 lbs.

**Sold Only in Full Cartons**