The sheep industry has seen many changes in the past 100 years. Mid-States Wool Growers Cooperative has been here to witness all these changes and to continue to provide quality products at a fair price with excellent service. As we begin our next century, let’s look back at the events that have shaped Mid-States Wool Growers Cooperative into the company that it is today.

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
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<tbody>
<tr>
<td>1918</td>
<td>Parent wool marketing organization, Tri-State Wool Growers was formed.</td>
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<td>1921</td>
<td>First cooperative warehouse was purchased for $125,000 in Columbus, Ohio.</td>
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<td>1931</td>
<td>Midwest Wool Marketing Cooperative—an organization that played a major role in the current cooperative—was organized in Kansas City, Missouri.</td>
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<td>1945</td>
<td>Tri-State Wool Growers was reorganized and the name was changed to the Ohio Wool Growers Cooperative Association.</td>
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<tr>
<td>1957</td>
<td>Ohio Wool Growers added a livestock supply division, which provided the Midwestern sheep producer with supplies and equipment needed to make sheep operations more efficient and successful.</td>
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<tr>
<td>1958</td>
<td>A new 60,000 sq. ft. warehouse was built at Groves Road in Columbus. This building utilized some of the most efficient wool grading and marketing technology available at the time.</td>
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<td>1969</td>
<td>Ohio Wool Growers added a new, industry related retail clothing store known as Woolen Square.</td>
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<td>1974</td>
<td>Ohio Wool Growers Association and Midwest Wool Marketing Cooperative joined forces through a merger that resulted in the new and stronger organization being named Mid-States Wool Growers Cooperative. The merger added a warehouse in South Hutchinson, Kansas as well as a livestock supply division operated by Midwest.</td>
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<tr>
<td>1987</td>
<td>Mid-States opened a warehouse in Des Moines, Iowa. The warehouse received wool and operated a supply department.</td>
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<tr>
<td>1993</td>
<td>Mid-States purchased the assets of North Central Wool Marketing in a buyout that included the warehouse and equipment in Belle Foushe, South Dakota.</td>
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<tr>
<td>1995</td>
<td>Mid-States opened its new supply and wool grading warehouse in Canal Winchester, Ohio.</td>
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<tr>
<td>2001</td>
<td>Mid-States ceased operations in Belle Foushe, South Dakota.</td>
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<tr>
<td>2017</td>
<td>Mid-States closed the South Hutchinson, Kansas warehouse and centralized all operations in Canal Winchester, Ohio.</td>
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</tbody>
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Sugar Coat
Sugar Coat is a all-natural show day whitening spray, that offers a natural appearance. This all-Natural Whitening Spray Contains optical enhancers. Designed with a proprietary blend as a dispersion coupler to assist the product with fast mixing. When applied this product dries quickly with warm air. Depending on how bright you would like the animal, you may have to apply several light applications to obtain the desired look.
Qt $23.50

Wool Grower
• Promotes wool growth
• Daily conditioner for leg wool
• Made with Tea tree Oil, Clover Oil and Citronella Oil
This daily product is sure to be a staple in your show barn and taking your wool quality to the next level. Infused with Tea Tree oil an clover oil to promote wool growth and conditioning the wool without the added weight of a heavy oil. Adding value to the formula is the citronella assisting with the prevention of insects making it a great product for all year round.
Qt $28.50

Bay Rum
Used in mixing with other products for hair preparations. Does not need to be washed out.
Gal $34.00
Clear & Black Magic
For a lasting hold that leaves hair soft and pliable. Use black to cover white spots. Comes in Black and Clear.
10 oz. $8.50

Final Bloom
A coat dressing for cattle, sheep, horses and hogs that won’t fade under lights. Also works well as a clipper blade lubricant.
14.5 oz $9.00

Hocus Pocus™
A great product used for the safe and effective removal of show day preparations. Contains no harsh products that effect hair. Simply spray on, rub in, and shampoo. For best results, blow out before washing.
17 oz. aerosol $9.00

Purple Oil
Purple Oil gives a lasting glossy sheen that highlights a show animal’s best features. Also used as an adhesive remover.
Qt $12.75
Gal $35.00

Sullivan’s Revive™
Sullivan’s Revive™ is a revolutionary product to promote healthy and beautiful hair coats. Revive™ restores natural oil and nutrients to the skin and hair to bring life and vigor to dull, dry hair. Great for use at home to nourish the hair or use it at the show as a grooming aid.
17oz. can $9.50
Per Case $105.50

Sullivan’s Wonder Wool™
The pro’s choice. Ideal for setting wool & blocking.
1/2 gal. $23.50

Sullivan’s White Pearl™
White Pearl™ delivers a shiny white color along with the tack to set wool in the desired position.
1/2 Gal $23.50

Stierwalt ProPink by Luster’s®
This lightweight product contains conditioning ingredients like mink oil and wheat germ and provides long lasting body, volume and ultimate shine. Apply this product last in show day prep for the perfect show ring appearance. Also works great for leg wool on lambs.
Nt. Wt. 14 oz. (397g) $8.00

Sullivan’s Jet Black
Jet Black™ covers completely. The hair will appear thicker, fuller and a deeper black. Works well on dull hair and will not break down adhesives. Jet Black™ has a medium black color.
14 oz aerosol $9.75

Sullivan’s Revive Lite
REVIVE LITE is specifically formulated with extra light cosmetic grade oils to allow for a more refined version of our ever popular Revive. This product was created to feature the same great conditioning as Revive but with warmer weather in mind. When the hair coat becomes thinner and lighter oils are preferred. With the purest of oils, the hair will not glob or stick together. It actually does the opposite creating an added lift to the hair with more separation, giving the hair a thicker look. Use REVIVE LITE once the animal has been washed and blown completely dry. Coat the entire body evenly including legs, belly and tail head. Comb in, roto brush, blow dry and style hair like normal.
When applied, this new formula lightly coats and easily penetrates the hair and absorbs into the skin without clogging the pores. Revive LITE, however, with its lighter molecular structure, can actually penetrate deep into the cortex of the hair strand to infuse essential nutrients and lipids for the utmost moisturizing and hydrating properties. Revive LITE is also fortified with the advanced VITA HAIR nourishing Vitamin package.
Each $9.50
Per Case $105.50

Hide Lotion
The perfect show day moisturizer. Specifically formulated to deliver immediate results for achieving a fresh, well-conditioned touch.
14 oz $10.50
Qt $21.50

Sullivan’s Cool Blue™
Spray evenly over the entire body for a great shine, and a fresh, firm feel to hide. It braces the body to make the lamb feel firm to the judges touch.
Each $23.50

Sullivan’s Silk™
A great product for show lambs. Use daily or as a show day preparation to add the ultimate silky smooth handle to the lambs skin. Spray evenly over the entire body and brush in. It continues to work long after it dries leaving that slick silky feel.
Qt $23.50

Sullivan’s Revive Lite
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Each $9.50
Per Case $105.50

Purple Oil
Purple Oil gives a lasting glossy sheen that highlights a show animal’s best features. Also used as an adhesive remover.
Qt $12.75
Gal $35.00
Sullivan's Flare
Sullivan's Flare is a hair amplifier that adds dimension and shine without adding weight to the hair, something we felt was lacking in our industry. We have perfected this formula to work on all hair types and in all temperatures. Sullivan’s Flare is the superior show day product. 100% satisfaction guaranteed. Add a little Flare to your show day hair.
Directions: Apply even coat over body, comb in and blow for 5-10 minutes. Add more where it is needed. Does not need to be washed out.
Each $6.00 Per Case $69.85

Sullivan's Ultra White™
Ultra White covers stained or faded hair with a smooth, natural powder-white color. It also works great to build up legs on cattle to achieve a thick, full appearance.
14 oz. aerosol $9.75

Sullivan’s Freshen Up™
This is an innovative product to moisturize and refresh a show lambs hide. Great for showday or use at home to prevent the hide from drying out. Recommended for slick sheared lambs just after shearing and washing to replenish oils. Does not need to be rinsed out. Also great to use on lambs that have had faster healing. One can will do 10-15 lambs.
12 oz. can $9.00

Sheep & Goat Conditioning Spray
This conditioning spray moisturizes and replenishes natural oils to the hair and hide for the fresh look & feel judges desire.
Nt. Wt. 12.5 oz. (355g) $8.50

Powder' Ful
- Follicle builder
- Fast drying
- Does not weigh the hair down like other leg builders
- Easy to clip through
- Most natural full look you will get from any product
- Will not leave hair wet and globby
- Available in Black and White Powder Spray

The first hair building powder spray specifically designed for livestock hair. Sullivan's POW-DER’FUL creates extra depth and dimension to each hair follicle during the hair building process, without the appearance of becoming too heavy, globby or unnatural. Great for legs, bellies, flanks, top-lines and tail heads.
As an added benefit, after applying over adhesives, the drying powder agents contained in POWDER’FUL allow the hair to be clipped easily, better than any previously known product. The two color options, white and black, make it easy to build legs without having to use an excess of paint to cover it up. Check out page 24 for fitting steps on the best way to use Powder'ful.
Each $9.75 Per Case $115.75

Sullivan's Flare
Sullivan's Flare is a hair amplifier that adds dimension and shine without adding weight to the hair, something we felt was lacking in our industry. We have perfected this formula to work on all hair types and in all temperatures. Sullivan's Flare is the superior show day product. 100% satisfaction guaranteed. Add a little Flare to your show day hair.
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Each $6.00 Per Case $69.85

Leg Pop
- For added pop and dimension when preparing lamb legs for clipping and fitting
- Sheen gives a sleek, conditioned feel and increases the manageability of the leg wool
- Liniment offers a cooling effect that opens up the pores and increases the pop and separation of the leg wool
Qt. $25.00

Knock Out
- Restore discolored spots to their natural color
- Safe, clean, easy to use, clear color and no purple mess
- All natural brightening action, no bleach, dye or stripping agent
Knock Out is a powerful stain remover that has a unique biodegradable formula. It can break through the bond on dirt, grime, feces, dust, and stains that is on the hair, wool and skin of all livestock. Simply spray Sullivan's Knock Out directly onto the stained area, brush it through, and blow out.
Per Qt. $16.00 Per Gal. $50.00

Orvus Paste Soap
Used for washing live-stock, produces a rich penetrating lather. Dissolves readily in hot or cold water.
7½ lb. Jar $30.50 Case of 4 Jars $109.80

D.F. Crosley's Replenish
- Replenish is a blend of essential oils provide anti-microbial and insect repelling properties
- Safe and non-sticky for daily use, moisturizes skin and makes hair shine while preventing growth of many fungal and bacterial infestations
- Fortified with selected natural oils to replace nature's oils lost in grooming
- Natural ingredients including lanolin, aloe and jojoba that can soothe tissue irritation and promote healthy, smooth and moisturized skin, hooves and hair.
Each $20.95

Mid-States Wool Growers Co-op. Association
Sullivan’s EZ Clean™
This waterless shampoo is formulated for all show animals. EZ Clean™ is ideal when weather does not permit a regular washing, and it does not require rinsing. Great for sheep, cattle, pigs, goats, and many other species. EZ Clean™ will not discolor fiber and is great for last minute spot cleaning.

- Quart (Sh. wt. 4 lbs.) $13.00
- Gallon (Sh. wt. 9 lbs.) $28.50

Degreasing Shampoo
Have you been using a popular dish soap to strip your animal’s coat clean after a show? Well, now you can swap them out of your showbox with this shampoo developed specifically with livestock animals in mind.
- Hygienic shampoo strips away grease and show day product
- Keeps the hide free of unwanted organisms
- Mild on sensitive hides while still being extremely efficient at removing grease and soils

- Qt. $9.75

Ring Out Shampoo
RingOut Shampoo safely Kills Fungi, Bacteria, Viruses & Spores on Contact. It is formulated & used to help kill and prevent the spread of unsightly and contagious ringworm while cleaning your animals. Also use to kill and prevent the spread of various other fungi associated with skin or hide conditions like wool fungus (or rot), rain rot, hot spots and other skin disorders.

- Qt. $24.50

Rejuvenate Shampoo
• Non-degreasing shampoo for use on
• Hogs, Sheep, Goats, Slick Shorn Cattle and Horses.
• Contains Pomegranate extract for skin rejuvenation.
• Infused with Vita Skin package: Vitamin E, Vitamin B Complex, and Vitamin C.

Sullivan’s Rejuvenate Shampoo offers an olive oil, pomegranate extract, and Vita Skin package that leaves the skin on all species silky smooth. This makes the perfect non-degreasing shampoo. Rejuvenate cleans while leaving key natural oils in place to preserve the skin and hide. This shampoo is safe for everyday use without the concern for dryness and irritation. With its mild antiseptic and toning properties, Sullivan’s Rejuvenate Shampoo helps tighten pores and tone the skin. The Vita Skin package contains: Vitamin E, Vitamin B complex, and Vitamin C.

- Per Qt. $15.75
- Per Gal. $37.00

Plum White™ Shampoo
• 15 to 1 Purple Concentrate
• Natural Bio-Degradable
• Deep Bright-White Cleansing
• Removes Yellow & Green Stains
• No Bluing, Organic, Non-Toxic

- 12 oz. $11.00
- Gal. $58.00

Clear Choice Shampoo
Ultimate in livestock shampoos. pH balanced for livestock skin and hair. Won’t strip natural oils from the hair. Cuts dirt and grime deep into hair coats and allows hair to separate with ease.

- Qt. $10.00
- Gal. $27.00

D.F. Crosley’s Livestock Shampoo
• Essential oils combine with zinc and copper ion to inhibit bacterial and fungal growth
• Gentle foaming, pH balanced formula minimizes stripping of the natural oils
• Contains only naturally derived plant based ingredients that are safe for daily use
• Sulfate free, amide free, EO/PO free and contains no 1,4 - Dioxane
• Contains natural oils to re-moisturize and replenish the skin and hair
• Acts as an insect repellent

- Each $17.95

Iodine Shampoo
Aloedine Shampoo combines iodine with aloe vera to help prevent skin conditions that can develop, particularly in the summer. Develops a rich lather that penetrates deeply and cleanses contaminated areas. Contains aloe vera to moisturize and enrich skin and hair.

- Pt. $13.50
Mini Soap Foamer
The Mini Soap Foamer is perfect for small animal exhibitors! Simply fill with shampoo, attach hose, and spray pre-lathered shampoo onto your animal. The dial on the foamer allows you to adjust the concentration of soap emitted. When applying shampoo is completed, turn the dial from the soap setting to the rinse setting without disconnecting from the hose. The reservoir holds 4 ounces of shampoo. Comes complete with 7-setting adjustable sprayer. Each $12.95

Large Soap Foamer
With everything you need to get started with eZall®, this kit includes a 1.35 liter foamer, hose nozzle, nine-position rinse attachment, three metering tips for various pressures and a 4 oz. bottle of eZall® Super Concentrate Body Wash that makes 32 oz. of product when combined with water in the foamer. It’s an unbeatable value and a great way to get started with the number one foamer on the market that makes quick work of bathing cattle and other livestock. Blue. Each $29.99

Fighting Five
For All Species
Faster Hair & Skin Recovery
Faster Ringworm Elimination

Sullivan’s Fighting Five is a blend of natural oils that prevents, eliminates, and heals all types of fungus such as ringworm. The unique ability to repair the damaged skin on your animal results in faster hair or wool regrowth. Fighting Five can be used to prevent a breakout if the animal has been exposed to areas infected with fungus. It is recommended to treat equipment that has been exposed to ringworm and other fungus with Fighting Five.

Per Qt. $23.50
Per Gal. $79.50

RING OUT Ringworm & Fungus Spray
ALL NATURAL SPRAY CONCENTRATE

4oz Bottle $20.00

Vi-tal Electrolyte
A water vitamin, electrolyte and mineral supplement. Used in drinking water or as a feed additive.
Mixing directions: For high level supplementation mix 1 packet per 128 gallons of water. For moderate level supplementation mix 1 packet per 256 gallons of water. For low level supplementation mix 1 packet per 384 gallons of water.

6 oz. $4.00

Bluelite™ Electrolytes
Designed for Sheep or Goats of any age. Apply in drinking water or on the feed. Helps to offset energy losses and problems with dehydration due to shipping, wearing, or inclement weather.
• Helps to minimizes dehydration
• Helps in reducing energy loss
• Helps during transportation
• Helps during extreme weather conditions
• Formulated with Vitamin E and Selenium to help prevent White Muscle Disease
• Contains acidified Vitamins D and A to promote absorption

2 lb. package $16.00
6 lb. package $29.75

Essential Revive
Show time electrolyte that hydrates the muscle cells right before the show, giving the muscles "Pop" - freshening the top and improving expression. It also protects against stress and keeps your project hydrated and healthy (keeps your animal drinking).

1 bottle $6.00
1 Case (12 bottles) $69.00
5 lb. Bucket $49.95

Essential Double Dip
Essential Double Dip increases your animal's appetite and will help increase their average daily gain. It is fed by mixing one (1) packet per 1/2 gal of water. Provide 20 oz/feeding. (pkg contains 2 day supply at 2 feedings/day).

1 lb. pkg. $5.00
12 pkg. $50.00
NEW! Star Igniter from Starmaster Feeds: The Ultimate Digestive Aid

Now, Starmaster Show Feeds introduces another puzzle piece for inside the animal.

STAR IGNITER Provides:
• Multiple sources of digestion enhancers
• Prebiotics and probiotics
• L-arginine (a natural vascular dilator)
• An all-natural approach to replacing hard-to-get antibiotics

With increasing difficulty in accessing needed antibiotics, it’s more important than ever to create and maintain a healthy animal. STAR IGNITER helps develop the best environment for beneficial microbes in the digestive tract while helping to eliminate negative microbes.

HEALTHY GUT = HEALTHY ANIMAL

DIRECTIONS FOR USE
Goats and Sheep: top dress: 1 oz per day
Hogs: top dress: 1 1/2 oz per day
Cattle: top dress: 2 oz per day

10 lb Bucket $100.00

Dyne® Goat & Sheep

Winning producers have a secret: Dyne® Liquid Dietary Supplement helps provide a fast finish for goats and sheep! Dyne for goats and sheep is formulated to provide maximum calories in a minimum of volume—infact, Dyne contains more calories per liquid ounce than most other calorie supplements. Each ounce of Dyne Goat & Sheep provides 150 calories. Dyne Goat & Sheep may be fed “as is” to animals unable to eat solid food. When diluted with water, it can be used to combat dehydration. Directions For Use: Goat and Sheep-1 oz. per animal three (3) times per day.

Qt $17.50
Gallon $45.00

Blue Ribbon Lamb & Kid Electrolytes

For sick or scouring lambs and kids. Blue Ribbon Electrolyte is a source of live, viable, naturally occurring micro-organisms.

MIXING INSTRUCTIONS: Mix one scoop (10 grams) of Blue Ribbon with every 8 oz. of hot water. Feed rate: 8 oz. for every 10 lb body weight. Feed Blue Ribbon electrolytes 2-4 hours after milk/milk replacer feeding.

Net wt. 5 lbs. (2.27 kg)
136 8 oz. feedings
Per Pack $2.50
Per container $26.95

Amino Acid Concentrate

An oral source of amino acid, vitamins, and electrolytes. Use when dietary intake is down. 1 oz. per 10 lb. body weight per day.

Each $4.25

Star Glo

Star Glo Top Dress is no doubt the most exciting feed additive to hit the show market in years.

Lambs
Start feeding lambs Star Glo as soon as you put them on a show ration. It is ideal to feed at least 3 to 4 oz. per feeding for one full month. Then a maintenance level of 1 to 2 oz. per feeding should be included in the diet. Two weeks prior to the targeted show, increase the rate to 4 to 5 oz. per feeding.

50 lb. Bag $50.00

Show Shake™

Show Shake™ is the only complete rehydratable concentrate that is conveniently mixed with water to provide energy, mineral electrolytes, fiber, protein and vitamins for show animals. Specially designed Show Shake™ keeps your animals fresh and fully nourished during times of stress such as showing, shipping, infant stress, docking and castration or other situations where feed intake may be reduced.

FEEDING DIRECTIONS: For animals totally off feed, use 12 oz. of Show Shake™ per 120# of body weight per head per day top dressed dry, or mixed thoroughly with water and drenched. If feed is reduced to one half use accordingly to supplement energy requirements.

3 lb. Container $39.50
25# $235.00
**Keep'n On**
*Show Enhancing Supplement*
Keep'n On preps your animal for the show; it provides muscle pop, energy for the arena, fill without the weight and 12 vitamins and 9 minerals to help stamina and recovery.
Feeding directions: 1/2 bottle 3 days prior to show, 1/2 bottle 24 hours before, 1/2 bottle 2 hours before, 1/2 bottle 10 minutes before showing or times of stress.

1 bottle $6.25  
Case (12 bottles) $72.00

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**Balance**
Rapidly restores your animals digestive balance. Designed for immediate response to symptoms of:
- Scours
- Gut Ache
- Treatment of Diarrhea
- Exposure to moldy hay, grains or forage.

80ml tube $20.00

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**Liquid Boost**
A liquid supplement for animals of all species that supports digestive health and promotes feed and water intake during times of stress and recovery. Can be administered via a medicator, mixed with water, used as a drench or top-dressed on feed.

Each $36.00

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**Sullivan’s Show Paste**
Provides a natural calming effect. No withdrawal period. Administer one dose 2-3 hours before show time. Each tube contains 5-8 doses.

32 ml tube, 8 oz. $13.75

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**VitaCharge Paste**
A paste for all species of livestock that supports digestive health and promotes feed and water intake during times of stress and recovery.

Each $22.00

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**Sure Champ Climate Control Paste**
Sure Champ® Climate Control helps all show livestock handle heat stress by lowering the animal’s body temperature in a safe, fast, and natural way.

Each $19.00

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**Focus**
Keep your animal calm and focused without the risk of becoming groggy. The blend of natural ingredients in Focus are completely safe for all animals. Provides a calming effect and takes the “edge” off unruly animals during showtime. Stressful situations are unique to each animal. Doses can be increased with no risk.
- Sheep and goats 5-10cc ; Swine 10-15cc; Cattle 15-30cc

8 oz. Bottle $40.00  
16 oz. Bottle $70.00  
32 oz. Bottle $130.00

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**Re-Charge**
Microbial/vitamin supplement that will POWER UP your animal’s appetite fast.
- Very Palatable: Animals love the flavor
- Enzymes stimulate appetite almost immediately
- Concentrated us just 10-15 ml
- Load your stock up on ReCharge prior to heading to the show and show day to keep them right on going when you need it most.

DIRECTIONS: Use daily in times of stress, such as shipping, docking, castrating, branding, birthing, vaccinations or as recommended by your veterinarian.

80 ml tube $13.25

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**Re-Lax**
Get the best show out of your animal when they are ReLaxed
- ALL NATURAL supplement to help take the edge off your animal prior to showing.
- Will not cause your animals to be "dead heads", just makes them more workable.

DIRECTIONS: Start using 12-24 hours before show at teh rate of 5cc/100 lb of body weight.


80 ml tube $13.25
NEW SUPPLEMENTS

BigWig
For those Show Animals that need better hair, don’t use one of the long line of products out there. Step to the front of the line and be a Big Wig!

Big Wig is a one of a kind product that does not contain melatonin. As a result, they won’t ever ‘shuck’ their fluff. Big Wig works on a cellular level to give the animal the extra look that judges and fitters will love.

Available in 10lb & 20lb pails with premium screw top lids.

Drug free and contains no banned substances.

Sheep and Goats
Feed at the rate of 1 ounce per head per day.

Cattle
Feed at the rate of 2 ounces per head per day.

Tips For Use: One full, level scoop of Big Wig contains 1.3 oz of product

10lb. $160.00
20lb. $300.00

Texas Tea
TX T is a liquid supplement for Show Animals which provides vitamin and mineral supplementation as well as energy. What makes it unique is the energy. Most competitive products contain a lot of calories; generally from fats which can hinder overall digestion. TX T utilizes a proprietary blend of sugars, starches and carbohydrates, which are easier on a sensitive digestive system than fat.

Sheep and Goats
Feed at the rate of 10cc to 15cc twice daily.

Hogs
Feed at the rate of 1 oz to 2 oz twice daily.

Cattle
Feed at the rate of 4 oz to 6 oz twice daily.

Tips For Use: Do not exceed specified feeding rate.

Gal. $42.50

Gold Dust
Time Tested & Banner Approved! Gold Dust is the premier product for show stock. It’s been used to hang banners from coast to coast and border to border on ALL species; Cattle, Goats, Hogs & Sheep! Use it as a drench at Shows, or to supplement a reduction in feed to control bellies. This is a MUST have for every showman and show stock producer.

8oz. packet $15.00
5lb. pail $100.00
10lb. pail $180.00

StandAlone Chubby Sheep
StandAlone now comes in a "Chubby" version. Like all StandAlone Sheep products CHUBBY provides nutrients for optimal appetite, hide and wool quality, joint and hoof health, and fat development, however, the new formula combines different sugars and oils than previous blends. StandAlone's unique combination of protein, fat, sugars, nucleotides and minerals are specifically calculated to help animals to reach their full genetic potential.

A 9 LB supply will last 48 days.
A 23 LB supply will last 122 days.
A 46 LB supply will last 244 days.

INGREDIENTS: Fructose, Glucose, Rice Bran Oil, Condensed Molasses Stillage, Molasses Products, Glycerin, Ammonium, Polyphosphate, Calcium Carbonate, Yeast Cell Extract, Propylene Glycol, Hydrolyzed Yeast, Vitamin E Supplement, L-Ascorbic Acid Phosphate, Niacin Supplement, Propionic Acid (as a preservative), L-Arginine, Potassium Sorbate (as a preservative), Biotin, Zinc Methionine Complex, Manganese Methionine Complex, Artificial Flavoring, Yucca Extract, Ammonium Chloride, Glycine, Thiamine Hydrochloride, Vitamin A Supplement, Vitamin D Supplement, Sodium Selenite, Cobalt Sulfate, Ethylenediamine Dihydriodide, Vitamin B12 Supplement, Choline Chloride.

FEEDING: Feed 2 oz per head daily when show animal is first obtained. Increase to 3-4 oz per head daily when lamb reaches 100 lbs or as needed. Feeding directions are guidelines. Usage should vary with weight, age, and activity levels.

SHAKE WELL IF SITTING FOR PROLONGED PERIODS OF TIME.

9lb. $65.00
23lb. $145.00
46lb. $245.00

StandAlone Chubby Goat
StandAlone now comes in a "Chubby" version. Like all StandAlone Goat products CHUBBY provides nutrients for optimal appetite, hide and coat quality, joint and hoof health, and fat development, however, the new formula combines different sugars and oils than previous blends. StandAlone’s unique combination of protein, fat, sugars, nucleotides and minerals are specifically calculated to help animals to reach their full genetic potential.

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A 46 LB supply will last 244 days.

INGREDIENTS: Fructose, Glucose, Rice Bran Oil, Condensed Molasses Stillage, Molasses Products, Glycerin, Ammonium, Polyphosphate, Calcium Carbonate, Yeast Cell Extract, Propylene Glycol, Hydrolyzed Yeast, Vitamin E Supplement, L-Ascorbic Acid Phosphate, Niacin Supplement, Propionic Acid (as a preservative), L-Arginine, Potassium Sorbate (as a preservative), Biotin, Zinc Methionine Complex, Manganese Methionine Complex, Artificial Flavoring, Yucca Extract, Ammonium Chloride, Glycine, Thiamine Hydrochloride, Vitamin A Supplement, Vitamin D Supplement, Sodium Selenite, Cobalt Sulfate, Ethylenediamine Dihydriodide, Vitamin B12 Supplement, Choline Chloride.

FEEDING: Feed 1-2 oz per head daily when show animal is first obtained. Increase to 3-4 oz per head daily when lamb reaches 70 lbs or as needed. Feeding directions are guidelines. Usage should vary with weight, age, and activity levels.

SHAKE WELL IF SITTING FOR PROLONGED PERIODS OF TIME.

9lb. $65.00
23lb. $145.00
46lb. $245.00
Attitude Adjustment is a paste product that will help settle the effects of stress an animal undergoes during every part of the Stock Show experience; sale prep, breaking to show, grooming/clipping, hauling, etc., allowing the animal and showman to concentrate on the task at hand and to work together without any lethargic appearance.

1 tube contains 60cc

**Drug free and contains no banned substances.**

**Sheep and Goats**
Administer at a rate of 15cc to 20cc per head approximately 1 hour prior to show

**Cattle and Hogs**
Administer at a rate of 30cc to 40cc per head approximately 1 hour prior to show

**Tips For Use:** If you are one of those exhibitors that is chasing a banner, here is an even better way to use Attitude Adjustment. Imagine not having to "put one back together" when you arrive at your big show. Use Attitude Adjustment to help keep them from stressing. Give the amount listed above for your specie before you load them to go to the show. Give them another dose of the same amount when you get to your pen/stall. Then every time they get up to look around, give them another. This helps keep their mood and temperament like it would be at home. This will keep you from having to put one back together... and help you march on toward the banner.

**NOT INTENDED FOR HUMAN CONSUMPTION**

**INGREDIENTS:** Vegetable Oil, Sodium Bicarbonate, Sucrose, Glucose, Corn Starch, Maltodextins, Glycerin, Guar Gum, Lecithin, L-Arginine, Silicon Dioxide, Natural and Artificial Flavors.

Crude Protein...min. 0.25%
Crude Fat............min. 45.00%
Crude Fiber........max. 2.00%

Tube $20.00
Case of 12 $205.00

3 Hrs Out is easy to administer (the entire 15cc tube, on time, 3 hours before they go into the Ring) gets amazing results, and compared to the competition, it costs almost HALF the money!

3 Hrs Out contains electrolytes and several innovative ingredients to help the animal metabolize energies to give a one of a kind look that will impress the judges. If you’ve ever used prop, you can use this product, get better results without the worry of wrecking one.

3 Hrs Out is a MUST HAVE for every showbox!

1 tube contains 15cc

**Drug free and contains no banned substances.**

**Sheep and Goats**
Recommended rate of 15cc 3 hours prior to showing.

**Cattle and Hogs**
Recommended rate of 15cc 3 hours prior to showing.

**Tips For Use:** When you give 3 Hrs Out, it will be working in 3 hours. Plan on it working for a full 3 hours. When you have to go back in for Division, Breed or Champion Drive that is more than 6 hours after you have the initial tube, plan on using another one for the Drive.

**NOT INTENDED FOR HUMAN CONSUMPTION**

**INGREDIENTS:** Vegetable Oil, Natural Flavors, Wheat Germ Oil, Vitamin E, L-Lysine, Silicon Dioxide, Sodium Acetate, Salt, Potassium Chloride, Dextrose, Sodium Bicarbonate, Ascorbic Acid, Citric Acid, Niacin Supplement, Folic Acid, Choline Dextrose, Biotin Supplement, Thiamine Mononitrate, Vitamin A Acetate, Vitamin B 12 Supplement, Dried Lactobacillus Acidophilus Fermentation Product.

Crude Protein...min 0.25%
Crude Fat......min 50.00%
Crude Fiber......max 2.00%

Tube $15.00
Case of 12 $155.00
Wool Cards

No. 1-Rake Card
Straight toothed card for packing or raking the fleece.
Each $29.00

No. 2-Meat Breed
Large volume of teeth used in open fleece. Ideal for short fleece.
Each $29.00

No. 3-Wool Breed
Less teeth than meat breed card. Ideal for all wool breeds.
Each $29.00

No. 4-Head and Leg
A small card used on head & legs. Ideal for very young beginners.
Each $13.50

No. 6-Cleaning Card
Open card used for cleaning the wool from all other cards.
Each $15.50

Card Guard
Fits #1, 2, 3 Howard 6" cards. Protects teeth damage during storage.
Each $12.50

Curry Comb
Finest stainless steel.
Each $7.75

Slicker Brush
Ideal for smoothing the wool on short sheared club lambs.
(Sh. wt. 1 lb.) $6.00

Self-Cleaning Slicker Brush
Works great for lifting leg wool on lambs. No-slip grip for easy handling. To clean the teeth, just push the button on top of the card.
(Sh. wt. 1 lb.) $10.00

Mini Wide Range
• Strong, long-lasting bristles glide through leg hair and wool to lift and separate
• Barrel-shaped head is ideal for working around various angles and curves of the legs
• Ball-tipped bristles massage hide to stimulate leg hair and wool growth
• Wooden handle provides a comfortable grip
Each $27.50

Edge Sensation
• 79 Plastic Ball-Tip Bristles
• Great for popping leg wool or hair
• Angled brush head for ease of brushing
• Soft Hand & Thumb Comfort Grip
The Sullivan's Edge Sensation is sure to be a staple in your showbox for years to come. It has an angled head that provides more coverage on the leg of your animal. The Edge Sensation comes equipped with bristles that are specifically spaced apart to allow for detangling with minimal wool pullout on lambs, and is great for working the leg hair on cattle and goats.
Each $19.50

Mini Roto Brush
An industry first, this brush trains leg wool and hair on sheep and goats. Now in a smaller version for use on the legs of goats and lambs, this brush is for use with a drill for rotation that stimulates leg wool and hair growth when used as a part of your daily care routine. For show day prep you can count on the roto brush to pull up, separate and define leg wool and hair as the first step in the finishing process. Alternating long and short bristle rows reach deep while working the surface for maximum definition. Brush head measures 4" long. Purple.
Each $18.00

www.midstateswoolgrowers.com
**Decker Grip Fit™ Brushes (colors may vary)**

**Extra Soft**
Extra soft synthetic bristles.
Large 8 1/2"x2 3/8" $6.50  
Small 6 3/4"x2 3/8" $5.00

**Soft**
Soft, natural tampico fiber.
Large 8 1/2"x2 3/8" $7.75  
Small 6 3/4"x2 3/8" $5.75

**Medium Soft**
Medium soft synthetic fiber.
Large 8 1/2" x 2 3/8" $7.00  
Small 6 3/4" x 2 3/8" $4.50

**FB1**
Small wood block with very soft bristles. Perfect face brush.  
4 3/4" x 1 3/4".  
Each $2.50

**SCB2**
Stiff, synthetic bristles. Convenient handle slips in back pocket. 1" bristles.  
Each $4.00

**PB2**
The small size of this brush and the handy pocket clip make it ideal for the show ring.  
Each $5.00

**PB3**
Soft, natural hog hair brush with wood handle. Ideal for touch ups in show ring.  
Each $7.00

**HB2**
Tempered steel hoof pick and stiff nylon bristle brush.  
Each $3.00

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**Red Shank Shears**
Hinds Patent Red Shank hand shears. Double hollow ground with straight edge.  
Size 6-1/2" Regular $29.50

**TUS-3072**
Mid-States has been successful getting the old favorite TUS-3072 shear manufactured. It was preferred by most showmen because of its steel quality.  
Size 6½" Regular $29.50

**B.B.N. Blocking Shears**
5" Regular $29.50  
6" Regular $29.50

**White Shank Shear**
Imported from England, 6 ½" blades. Rubber stops for quieter operation.  
Each $42.00

**TT3½" Shear**
Good for head and leg work.  
Each $27.00

**Rigged Blocking Shears**
Available in 5", 6", TUS, and Red Shank. Please indicate style needed. These shears are a pleasure to use. The bevel is cut back to make a thinner cutting edge. With the thinner edge, these shears will stay sharp longer than the standard shears. Wooden silencer blocks eliminate the clicking noise that you have with regular shears. With leather grips on the handles, you will enjoy greater comfort, making trimming a more enjoyable task.  
Rigged Blocking Shears $58.00

**Shear Holders**
Leather shear holders for protecting the hand shear blades.  
Short $6.00  
Without Strap (Belt Style) $6.95  
With Strap (Belt Style) $8.00

**Have Your Hand Shears Sharpened Now**
Hand Shears $6.50/pr (add $9.75 for return shipping)
**American Made Sheep Blankets & Hoods**

Since they were introduced in the summer of 1996, not only have these blankets and hoods been the most popular we have ever handled, they have become the standard by which most of the blankets on the market today have been patterned after. The one-of-a-kind material we use in making these blankets is a cotton/poly blend that provides the strength required, is shrink resistant, and allows the blankets to “breathe” to avoid fleece damage.

**Hoods**

XS-White Tag  
S-Green Tag  
M-Blue Tag  
L-Red Tag

Each $12.50

**Blacks**

<table>
<thead>
<tr>
<th>Length x Width</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>32” x 18”</td>
<td>X-Small</td>
<td>$19.00</td>
</tr>
<tr>
<td>35” x 18”</td>
<td>S-Small</td>
<td>$20.00</td>
</tr>
<tr>
<td>39” x 21”</td>
<td>Medium</td>
<td>$22.00</td>
</tr>
<tr>
<td>43” x 25”</td>
<td>Large</td>
<td>$23.00</td>
</tr>
<tr>
<td>46” x 25”</td>
<td>X-Large</td>
<td>$24.00</td>
</tr>
<tr>
<td>49” x 25”</td>
<td>XX-Large</td>
<td>$25.00</td>
</tr>
<tr>
<td>52” x 28”</td>
<td>XXX-Large</td>
<td>$26.00</td>
</tr>
<tr>
<td>54” x 28”</td>
<td>XXXX-Large</td>
<td>$32.00</td>
</tr>
<tr>
<td>58” x 28”</td>
<td>XXXXX-Large</td>
<td>$35.00</td>
</tr>
</tbody>
</table>

**Underblankets**

Designed to keep slick shorn market lambs and goats warm, these underblankets are made from high quality fleece with a jersey top for the ultimate warmth and protection in cold weather conditions. This comfortable design is recommended for use under another blanket (ProCool™ or Cordura® from Weaver Leather Livestock or another canvas design) for added warmth and dryness and to keep underblanket free from bedding. Machine wash separately with cold water, gentle cycle; line dry only; do not bleach.

Each $26.00

**Wether Tube Blanket**

SM. 60-90# (Dark Blue) $13.00  
MD. 95-120# (Red) $13.00  
LG. 125-140# (Royal Blue) $13.00  
Per Dozen $144.00  
X-LG (Green) $15.00  
Per Dozen $168.00

**Sheep T-Neck Blanket/Mesh Butt**

Made from the same material as our regular blankets. Single belly strap makes fastening easy. Cordura™ neck keeps lamb cleaner while helping to hold blanket in place. Mesh butt makes for easier clean-up and provides ventilation.

Small (Green Neck) Fits 80-100 lb  
Medium (Burgundy Neck) Fits 100-125 lb  
Large (Blue Neck) Fits 125-150 lb

Each $24.00

**Goat T-Neck Blanket**

Tail slot with single belly strap and vinyl neck piece.

<table>
<thead>
<tr>
<th>Size</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small</td>
<td>55 lb.</td>
</tr>
<tr>
<td>Medium</td>
<td>80 lb.</td>
</tr>
<tr>
<td>Large</td>
<td>90+ lb.</td>
</tr>
</tbody>
</table>

Each $24.00

**Heavy Duty Blanket Pins**

Hard to find, heavy duty blanket pins. Used for pinning hoods to blankets.  
Dozen $8.50

www.midstateswoolgrowers.com
Schafer Cattle Kooler
Reduce heat stress and improve air quality with Schaefer's uniquely designed circulation fans. Unrivaled in the market, these fans are engineered to produce greater air movement and superior cooling no matter the application. You don't hear them. You don't see them. You only feel them!
These fans move air in a coherent horizontal pattern creating a gentle 'racetrack' air flow pattern
- Deep guard design for unmatched performance, low noise levels and safety without sacrificing airflow
- Matched high quality motors and blades for maximum efficiency
- Powder coated steel guards for increased durability and corrosion resistance
- Powder coated steel mounting bracket and power cord included
- Wide variety of mounting options available for flexible and easy installation
- Variable speed controls available
- Misting kits available for even greater cooling
- Made in the USA
Each $289.00

Mini Air Express
Engineered with the same patented, exclusive features as our industry leading Air Express III blower. It is equipped with one, high powered, high efficiency motor instead of two as with the full size Air Express III.
- The air power will surprise you, approximately 60% of the Air Express III!
- This single motor unit only draws 11 amps of electricity. 1265 watts of power.
- Equipped with the patented aerodynamic funnel shaped front end cap design for more air velocity to efficiently dry your animal faster.
- The unique, patented cartridge filter system slides into the metal end cap for absolute protection. Includes a supplemental heat booster to increase air temperature up to 10% to dry animal faster.
- Ideal for the small animal or pet exhibitor. Also, handy for blowing off farm equipment.
- Equipped with a 15’ long hose. Clamp and nozzle tip included.
Each $294.75

Schafer F5 Fan
The Schaefer F5™ livestock fan is a high velocity circulation fan designed to provide the ideal environment for maximum show animal comfort and hair growth. Built to withstand the impact of show travel, the F5 comes with dependable, long lasting motor and guards for extreme durability.
- 24” blade
- Industry leading airflow and air velocity to keep livestock cool and maximize hair growth
- Heavy-duty steel guards with reinforced ribs and outer rings, built to withstand the impact of show travel
- Powder coated black finish over guards for stylish appearance to blend with show displays
- Corrosion resistant inside and out for durability and long life
- Powerful motors with unique low solidity ratio blade for best-in-class efficiency and quiet operation without sacrificing airflow and speed
- Flexible, 7 foot cord with water resistant and weather proof on/off switch for convenient operation
- Hang mount included for easy set-up and take-down
Each $289.00

Air Express
The Air Express III is the only blower on the market to be awarded two U.S. Patents. It's exclusive aerodynamics, efficient design and cartridge filter system are U.S. Patent Numbers D. 427,388 and6,305,325 B1.The Air Express III has set the new standard. There simply is no other blower that matches the Features, Power, and Value of the Air Express III. Sold complete with 15’ hose, filter, hose clamp and 1 year warranty.
Colors: Black, Blue, Forest Green, Lime-Green, Screamin-Neon, Orange, Pink, Purple, Red, Silver, Yellow
Each $419.50
**Nylon Adjustable Sheep Halters with Chain Leads**

Constructed from 3/4” doubled and stitched nylon, these fully adjustable sheep halters feature a single buckle crown with seven holes to fit various sizes from show age lambs to adult sheep. The solid chain lead features a snap on the end to quickly and easily tie the animal to a pen or gate. For safe handling, a secure quick link attached to the halter won’t come undone but still allows enough chain slack to easily slide the halter on and off. Chain measures 36-1/2”, including quick link and snap.

Each $16.50

**Lead Straps**

<table>
<thead>
<tr>
<th>Material</th>
<th>Color</th>
<th>Price ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leather</td>
<td>Tan Brown or Dark Brown</td>
<td>$7.00</td>
</tr>
<tr>
<td>Nylon</td>
<td>10 different colors or patterns</td>
<td>$6.00</td>
</tr>
</tbody>
</table>

**Leather Halter**

This show halter serves as a combination sheep show halter or calf club halter. Made of quality black or brown bridle leather. Features round nose. Comes with 3/4” lead and chain.

507 Black $42.00
508 Brown $42.00

**Leather Double Clip Goat Leads**

Each $7.50

*Chain not included

**Double Clip Braided Leads**

Made of braided nylon. Several colors available.

Each $7.50

**Braided Nylon Halters with Swivel Snap**

Each $6.00

Available in all colors pictured below.

**#99 Braided Nylon Sheep Halters**

A perfect, inexpensive halter for breaking, leading, washing, and showing lambs and adult sheep. Handmade in USA. Over 40 colors available.

Each $3.00

Dozen $30.00

**Brahma Goat Halter**

- Gives young showmen greater control and helps the goat walk with its head up
- Solid chain lead with snap allows for quick and easy attachment to a pen or gate
- Adjustable Brahma Webb® halter wipes or rinses clean
- Stylish show halter blends well with the color of the goat

Each $22.50
**Spray Bottle**
Hand sprayer for use in applying a mist on show animals after they have been blocked. Container holds 1 quart liquid. Very popular among sheep showmen.
Each $3.50

**Dyna Fog Spray Bottle**
Double trigger action sprayer. Get twice as much spraying done in half the time. Double action trigger sprays mist both when the trigger is pulled and when it is released. Twist the nozzle to adjust spray pattern.
Each $8.00

**Bucket Heater**
Safe for use in non-metallic containers. Heating element enclosed in metal guard. Heats water to boiling in just a few minutes. 1000 watts. DO NOT LEAVE UNATTENDED
Each $54.00

**Exhibitor Number Clip**
Heavy-duty "Boston" clip riveted to nylon. Convenient clip on the back fastens to belt or pocket. Small size (2"x4") is less cumbersome than those made of leather.
Each $7.50

**Sheep/Goat Leg Wraps**
This set of elastic leg wraps helps prevent animal from pulling, picking and biting at legs. Great for keeping leg wool and hair clean and free from bedding debris. Includes four 4" x 41" wraps.

- Purple $30.00
- NEW Fleece $23.00

**Sheep/Goat Muzzle**
Designed to prevent the animal from eating bedding and chewing, this soft mesh muzzle features binding on the seams to cover any rough edges and to provide added comfort. Heavy-duty plastic construction for frequent use and easy cleaning.

- Black Only $9.00

**Deluxe Adjustable Goat/Sheep Muzzle**
Made of heavy-duty Cordura® material and vinyl coated mesh, this muzzle helps keep sheep from eating bedding, biting other animals and wool picking while also providing breathability and access to water. The nylon crown strap with adjustable slide and improved rounded cone shape provide the perfect fit. Cloth binding protects the edges and provides a finished look.

- Red, purple, hot pink, blue, burgundy or lime green Each $11.00

**Show Supplies & Equipment**
Orphan Lamb Survival Kit

These items in this kit will do more to save lambs this lambing season than anything else you can buy.

1 - Weak Lamb Saver
1 - C-L Ewe Colostrum Replacer
1 - 8# Pipestone Milk
1 - 8 oz. Nutri-Drench
1 - Non-Vac 4 Bottle Rack
1 - Pritchard Nipple

Complete Kit $105.00
Controlled - Flow
Pull-on Lamb Nipple
Superior clear Isoprene with very soft yet strong walls. Especially designed bulbous end which encourages rapid acceptance by lambs. Hollow cone tip allows flow of milk to be regulated. Fits most household bottles.
WILL NOT WORK ON THE NON-VAC BOTTLE
Each $1.40
Doz. $15.00

Non-Vac Bottle
This feeder can also be used with the Net-Tex Bottle Rack for simple multiple feeding.
Each $10.95
Spare Teats $2.80

Pritchard Teat
A specially designed nipple that is quickly becoming the most popular for feeding orphan lambs. It is shaped a lot like Mama Ewe, and a special flutter valve allows air flow, eliminating lambs filling up with air and bottle collapsing. Fits many sizes of bottles, including the 2-liter plastic pop bottle.
Each $1.90
Doz. $21.75

Net-Tex Colostrum Feeder
A 250cc bottle with latex stomach allows for tubing multiple lambs and kids.
Price $7.50

Lamb Adoption Musk
A scientifically chosen blend of aromatic oils designed:
• To mask the natural sense of the lamb to be adopted.
• To overwhelm the ewe's sense of smell.
• To reduce the ewe's natural instinct to reject the lamb.
Ozone Friendly
Each $10.00

Non-Vac Bottle Rack
Complete rack with 4 bottles/nipples.
Each $68.95

AG-Tek Disposable Latex Gloves
Non-sterile, ambidextrous, natural latex, powdered. Available in medium or large (state size).
Box of 100 $10.00

Lam-Bar
Bucket with lid, ten nipples, ten tubes, plus a tube-cleaning brush. Ready-to-use outfit for lamb feeding. Complete with a metal ring for securing to floor or board for support.
10 Nipple $77.50
6 Nipple $57.50
Nipples Each $2.25
Tubes Each $.55

Lamb Puller
PULL - EZE
Plastic, easily sterilized instrument to aid in lambing.
Each $15.00

O.B. Disposable Sleeve Long Gloves
10 Pkg $3.75
100 Pkg $14.00

Mid-States Wool Growers Co-op. Association
Lambing & Kidding Supplies
O.B. Leg Snare
Each $8.85

Umbilical Clamps
Re-usable navel clamps for lambs, kids, and calves.
Pkg of 10 clamps $4.00

Ster-L-Jel
Non-Spermicidal, lubricating jelly for obstetrical use.
Squeeze Tube $3.00

Ewespoon
An improved version of the well-known product, but with no rough edges, and an extra tying position for stability. Can be used over and over. Vaginal prolapse in ewes has been a problem for sheep men.
Pkg. of 4 $9.00
Each $3.50

Prolapse Harness
A realistically priced harness for secure retention of prolapses without the need for stitching. Simple, secure, hygienic, can be used in conjunction with the ewespoon.
Each $27.75

Triodine 7™
Pint $13.50
Quart $24.00

1% Iodine
Non-stinging topical antiseptic for use on minor cuts, burns, and abrasions. Includes pump.
Pt. $6.00

Navel Stump Dip Cup
Ideal for applying 7% triodine to navel stumps.
Each $4.00

Lamb & Kid Warmer
An Absolute Essential In All Lambing Sheds! This microwavable blanket is specifically designed to rapidly raise the core temperature of hypothermic lambs with little effort from you. To use, simply remove the bags from the blanket and microwave them for 13/4 minutes. Replace the bags into the water-resistant blanket, wrap around lamb, and fasten the velcro strap. You are then free to tend to other lambs. The blanket will reach peak temperature of approximately 110° (depending on microwave) and gradually cool down over the next 45 to 60 minutes. Once the lamb is strong enough to move around on its own, it no longer requires this blanket.
• Re-usable • Water-resistant • Washable • American made
Each $38.00

Lamb Foul Weather Protectors
Designed to slip over lambs head and secure by all four legs to give maximum security, comfort and protection.
Each $8.50

Kid Jammies
A specially designed Jammie for newborn kids. Ideal weather protection during their first few days. Made of soft, stretchy fabric that is warm, comfortable and washable. One size fits all. Comes in traditional pink or blue.
Each $6.50
3 pack $18.00
6 pack $33.00
**Umbilical & Wound Dressing Spray**
NEW LARGE 450ML SIZE
Specifically formulated preparation for umbilical cords in newly born lambs and all animals, which has a combination of instant cleansing and biocidal action. Rapid drying with a wide spectrum bactericidal agent and gentian violet. Easily identifiable spray with instant cleansing agents. Inhibiting system to prevent mother licking off. Variable nozzle/valve system for local concentration or broadspray pattern if required. Cost effective—a single application should be sufficient.

Each $12.25

**Agri-Gel**
- Long Lasting Lubricating Gel
- Will Not Dry & Flake
- Ideal for Obstetrical Use, Pregnancy Diagnosis, Ear Tagging, Etc.
- Mild Chlorhexidine Antiseptic
- Variable Angle Spout for Easy Dispensing
- 500 ml. Pack

Each $8.25

**Elastrator**
For Bloodless Castration
One man operation. Instrument stretches special rubber ring which contracts when in place, restricting circulation, causing parts to atrophy and fall off. Blue plastic handle.

Elastrator $9.00

**Elastrator Rings**
Sold in boxes of 100. Coated with antiseptic.

100 rings $2.35

**Emasculators**
With double crush bar. Ideal docking tool. Stainless Steel instrument, crushes before it cuts to retard bleeding.

9" for lambs up to 60 days old $40.00
12" for older lambs $45.00

**Burdizzo Style**
Bloodless Castrator. Severs the spermatic cord without cutting scrotum.

Lamb Size 9" $35.75
Medium Size 12" $48.00
19" For Bulls & Horses $80.00

**Lamb Sling**
Sling for Carrying Young Lambs or Kids. Great for weighing baby lambs or kids.

Each $12.00

**The "Mid-Ewe" Stomach Tubers**
INDICATIONS FOR USE: During lambing, every farmer is faced with the problem of feeding lambs suffering from exposure and weakness, lambs too weak to suck. Attempts to feed from a bottle frequently result in fluid entering the air passages because of the lamb’s inability to swallow. Two sizes available.

60cc Mid Ewe $3.75
Extra Tubes $1.75
60cc Syringe Only $2.10

**Barn Sheets**
Made from rigid poster board and measuring 11"x17", this barn sheet is a must in every lambing barn. Perfect for keeping track of the lambs history. Large columns for recording ewe number, ram number, date of birth, birth weight, weaning date, and a large space for keeping special notes. 41 lines total.

Each $1.00
Lambing & Kidding Supplies

Each ulin absorption. 35 grams of globulin protein per pound. 16 oz. pouch. Mos®, shown to support enteric health and immunoglob

26 essential vitamins and minerals. Also contains Bio-

and puppies. Made with bovine colostrum, fortified with lambs, pigs, llama and alpaca crias, fawns, elk calves. Complete nutrition for newborn calves, foals, kids, lambs, pigs, llama and alpaca crias, fawns, elk calves and puppies. Made with bovine colostrum, fortified with 26 essential vitamins and minerals. Also contains Bio-

Mos®, shown to support enteric health and immunoglob-ulin absorption. 35 grams of globulin protein per pound. 16 oz. pouch.

Ultra Start™ Multi-Species Colostrum Supplement

Complete nutrition for newborn calves, foals, kids, lambs, pigs, llama and alpaca crias, fawns, elk calves and puppies. Made with bovine colostrum, fortified with 26 essential vitamins and minerals. Also contains Bio-

Mos®, shown to support enteric health and immunoglob-ulin absorption. 35 grams of globulin protein per pound. 16 oz. pouch.

Colostrum Supplement

Each 30ml tube contains 3 Doses

Provides 150gm of globulin protein

Single dose replacement for maternal colostrum

Contains Immu-PRIME, bovine growth factors for newborn calves

Made in the USA, from natural bovine colostrum

Guaranteed BVD/BLV & Johne's Free

Gentle processing to ensure bioactives retain their biological effect

Each $15.00

Colostrum Replacer

Nursemate® PLUS 150 Colostrum Replacer with Immu-PRIME

• Provides 150gm of globulin protein
• Single dose replacement for maternal colostrum
• Contains Immu-PRIME, bovine growth factors for newborn calves
• Made in the USA, from natural bovine colostrum
• Guaranteed BVD/BLV & Johne’s Free
• Gentle processing to ensure bioactives retain their biological effect

Each $40.00

Kaeaco Colostrum Gel

Each 30ml tube contains 3 Doses

The colostrum provided in Colostrum Oral Gel supplies a source of maternal antibodies and protein. Lactobacillus organisms contained in these products assist in the establishment of beneficial microflora in the newborn. L. acid excreted by these organisms will influence pH reduction in the small intestine. This action removes the environment needed by certain coliform bacteria to proliferate and perhaps cause disease.

30 ml tube $7.00

Lamb & Kid Kare

An energy source that is different from the competition. Lamb & Kid Kare contains colostrum. So not only does Lamb & Kid Kare provide a quick efficient digestible source of energy for your lambs and kids, it contains globulin proteins that help add to the transfer immunity they get from their mother’s colostrum and energy in Lamb & Kid Kare is readily available. Many energy sources take hours to work. Lamb & Kid Kare begins to work almost immediately. Give your lambs a fighting chance with Lamb & Kid Kare.

250 ml Bottle with pump $18.00

Shepherd’s Choice™ Milk Replacer

Crude Protein, not less than 24.00%

Crude Fat, not less than 30.00%

Crude Fiber, not more than 0.30%

Ash, not more than 6.50%

Lactose (dry basis), not more than 25.00%

Moisture, not more than 6.00%

Vitamin A, not less than 30,000 I.U./lb.

Vitamin D3, not less than 10,000 I.U./lb.

Vitamin E, not less than 150 I.U./lb.

Selenium, not more than 0.3 PPM

Copper, not more than 6PPM

Calcium, not more than 1.00%

Phosphorous, not less than 0.65%

ACTIVE DRUG INGREDIENT

Decoquinate 18gm/ton

Providing 22.7 mg/100lb of body weight

WARNING: Do Not Use On Goats Producing Milk For Food.

8lb $26.00

25lb $49.50

Survive

Vitamin E and Energy Supplement for baby lambs

GUARANTEED ANALYSIS:

Crude Fat Min...98%

Vitamin A Min450,000 IU/lb

Vitamin D3 Min110,000 IU/lb

Vitamin E Min50,040 IU/lb

Ingredients: Vegetable Oil, Vitamin A Supplement, Vit D3 Supplement, Vit E Supplement and artificial flavoring.

DIRECTIONS FOR USE: The dispensing pump provided with this product dispenses 4cc per dose. Best results are achieved by dosing on the back of the tongue. Oral Use only 1 Pump of dispenser is 4cc.

Each $20.50

Immu-PRIME

Effective appetite stimulator helps initiate quick and more vigorous sucking. Early, high quality colostrum intake is vital for establishing immunity in newborn lambs and kids. Can help reduce mortality in struggling, stressed lambs and kids. Fed before the first colostrum, helps improve colostrum absorption, which increases the maternal antibodies to the newborn lamb or kid. Activates newborn's cells to help eliminate bacteria and increase protection from disease. Effective in older lambs and kids too.

DIRECTIONS: For newborn lambs and kids, feed 1 dose 4 consecutive days for best results. First dose should be fed as soon as possible after birth with or before colostrum. Recommended just prior to or during periods of stress such as adverse environmental conditions, inadequate or no colostrum feeding, shipping and commingling. No meat or milk withdrawal period. 2 pumps = 1 dose. 50 doses per bottle.

Each $74.95

After Birth Boluses

For use as an antiseptic and proteolytic aid in beef and dairy cattle and sheep. Active Ingredient(s): Urea 13.4 g

50 Boluses $10.00
**Udderly EZ™ Milker**

Make milking and retrieving colostrum safe and easy. One-hand operation. Packaged with two collection tubes and two 8 oz. bottles, 1 sheep/goat insert.

Each $191.00

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**50% Dextrose**

50% Dextrose Solution. Pregnancy Disease (Ketosis or Acetonemia) is highly fatal in pregnant ewes near lambing, especially when carrying twins or triplets. Dextrose Solution supplies immediate nourishment and gives prompt relief.

500 cc Bottle $5.00

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**Propylene Glycol**

Used in prevention and cure of pregnancy disease in nannies (which is lowered blood sugar in their body).

Gal. $24.00

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**Net-Tex Teat Mint**

The ultimate in udder mint technology—after many years of research, Net-Tex teat mint has been developed containing all natural products such as, pure Japanese peppermint oil, rosemary, eucalyptus, extract of camomile, comfrey and other natural ingredients. This revolutionary product contains no antibiotics, its unique formulation prevents swelling and inflammation, helping to protect against bacterial fungal viral infections and to promote healthy skin tissue. There is no need to discard milk from healthy udders. Ask for the ultimate, ask for Net-tex teat mint.

Each $19.00

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**Fight Bac**

Fight Bac teat disinfectant aerosol spray can greatly reduce the spread of mastitis, because nothing touches the cow. Non-irritating formula helps keep teats in top condition, prevent waste and is easy to use. Contains chlorhexidine gluconate 0.4% and glycerin 10%. Contains no CFU’s.

Each $12.75

---

**Lamb Titger Paste**

For optimum results, administer 3-5 gms on the tongue of lambs following birth and following stress. Older sheep 10-15 gms. Repeat dosage when necessary. The biological components were selected for their symbiotic relationship with the lamb gut microflora. All components safe, natural, biological products. Contains no medication. No withdrawal.

Each 15gm dial-a-dose syringe $6.95

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**Udder Comfort**

Udder Comfort udder lotion is a natural blend of essential oils that helps soften and soothe quarters and tender udders before and after calving in fresh heifers and cows of all ages. Healthy udders help make quality milk, reduce risk of mastitis and edema and lower somatic cell counts. Udder Comfort provides a cooling and relaxing sensation to the udder. Contains lanolin to moisturize, soften and soothe the dry, cracked skin. Contains no chemical preservatives.

Each $35.00

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**Mid-States Wool Growers Co-op. Association**

**Lambing & Kidding Supplies**
STERILE PENICILLIN G PROCAINE

Aqueous Suspension 300,000 units per mL FOR ANIMAL USE ONLY

DESCRIPTION: Penicillin G Procaine Aqueous Suspension is available in 100-mL and 250-mL multiple-dose vials. Each mL contains: penicillin G procaine 300,000 units, methylparaben 1.3 mg, propylparaben 0.2 mg, sodium citrate 10 mg, sodium carboxymethylcellulose 1 mg, povidone 5 mg, lecithin 6 mg, sodium formaldehyde sulfoxylate 0.2 mg, procaine hydrochloride 20 mg, in Water for Injection, q.s.

Actions: Penicillin G is an effective bactericide in the treatment of infections caused primarily by penicillin-sensitive organisms, such as Streptococcus equi and Erysipelothrix insidiosa, as well as the gram negative organism Pasteurella multocida.

INDICATIONS: Penicillin G Procaine is indicated for the treatment of: • Cattle and sheep-bacterial pneumonia (shipping fever) caused by Pasteurella multocida. The drug should be discontinued for the following time periods before treated animals are slaughtered for food: cattle-4 days; sheep-8 days; swine-6 days; non-ruminating calves-7 days.

100cc $9.00
250cc $16.00

LA 200 (Oxytetracycline)

Oxytetracycline is for use in the treatment of diseases caused by susceptible organisms. Unique long-acting formulation of oxytetracycline gives sustained blood levels for 3 to 4 days following a single 1ml injection at the rate of 9 mg/lb. body weight (1 ml./22 lbs. or 4.5 ml./100 lbs.).

100 cc. $26.25
250 cc. $52.75
500 ml. $74.00

Bio-Mycin (Oxytetracycline)

Oxytetracycline is for use in the treatment of diseases caused by susceptible organisms. Unique long-acting formulation of oxytetracycline gives sustained blood levels for 3 to 4 days following a single 1ml injection at the rate of 9 mg/lb. body weight (1 ml./22 lbs. or 4.5 ml./100 lbs.).

100 cc. $22.00
250 cc. $45.75
500 ml. $62.50
Chlorhexidine Solution
A topical aqueous solution containing 2% chlorhexidine gluconate. For use on non-food producing animals for application to superficial cuts, abrasions or insect stings. Chlorhexidine Solution leaves a residue on the skin which gives a persistent antibacterial effect lasting 1 or 2 days. Its actions are not affected by blood, pus or soaps.

16 oz. $8.75
Gal. $12.50

Vetericyn Spray
Vetericyn works naturally with the animal’s immune system to fight infection and speed healing time. Broad-spectrum formula won’t harm healthy tissue.

16 oz. $27.50

Permethrin Dust
Horn, face flies, lice, fleas, and ticks. Safe, low cost insecticide for cattle, poultry, horses, dogs and cats. Swine. Broad spectrum, low toxicity.

2 lb. Shaker Can $8.50

Synergized Delice
Contains permethrin & photostable pеперо-nyl butoxide. Insecticide for cattle, sheep & premises.

DIRECTIONS:
Pour on using 1/2 oz. per 100 lb. body weight. Ready To Use-No dilution necessary.

1 Gallon $36.50

Ultra Boss™ Pour On
Ready To Use: No Dilution Necessary
Sheep: Pour along back. Apply 1.5ml/50 lbs body weight per animal up to a maximum of 18ml for one animal. Cattle (lactating and non-lactating dairy cattle & calves): Apply 3 ml/100 lbs of body weight per animal up to a maximum of 30 ml for any one animal. Pour along back and down face. Aids in the control of: Lice, horn flies, face flies, horse flies, stable flies, black flies, mosquitos, ticks, sheep keds, and lice.
For cattle and sheep, repeat treatment as needed but not more than once every two weeks. For lice control, two treatments at 14-day intervals are recommended.

Qt. $42.25

D.F. Crosley’s Skin and Hoof Paste
• Unique anti-microbial formula that effectively eradi-cates fungus and bacteria
• Topically applied, provides longer lasting residual pro-tection
• Our blend of emollients and emulsified natural essen-tial oils with zinc and copper ion, stops fungal and bacterial growth while the soft, creamy texture provides residual properties
• Effective against many fungal and bacterial infections including ringworm, thrush, white line disease, digital dermatitis, scald, foot rot and multiple forms of staph

Each $34.95

Screw Worm and Ear Tick Killer
Screw worm killer and ear tick treatment for cattle, swine, horses, sheep and goats.
10 oz. weight and blue in color.

Each $8.50

Synanthic
Broad-spectrum wormer effective for the removal and control of lungworms, roundworms, stomach worms (barberpole, small stomach and brown stomach worms) and intestinal worms (nodular, hook, small intestinal and tapeworms) in beef cattle. Synanthic dewormer has no known resistance issues. 7 day slaughter withdrawal.
Do not use in female dairy cattle of breeding age.
Contains 225 mg oxfendazole per ml.
Dosage: Administer 1 ml per 110 lbs body weight.

500 ml. $132.50
1 Liter $249.95
Cydectin™ Pour-On
Effective in treatment and control of gastrointestinal roundworms, lungworms, cattle grub, mites and four types of lice. Apply along the back of the animal at a rate of 5 ml per 110 lbs.

1cc/1lb. (10cc./110lbs.). Avoid overdosing. Read label prior to using.
1 Liter treats 100 head @ 110 lbs. $81.00
4 Liter treats 400 head @ 110 lbs. $276.75

Cydectin™ Oral Drench
It's estimated that 90 percent of the cost of disease in sheep can be attributed to parasites*.

CYDECTIN Oral Drench for Sheep provides a broad spectrum of protection against a variety of species, including Haemonchus contortus (barber pole worm).
CYDECTIN is the only moxidectin sheep dewormer in the United States - offering a wide margin of safety and short seven-day slaughter withdrawal.
1cc/11lbs. (10cc./110lbs.). Avoid overdosing. Read label prior to using.
1 Liter treats 100 head @ 110 lbs. $81.00
4 Liter treats 400 head @ 110 lbs. $276.75

Privermectin™ Drench for Sheep
An FDA approved dewormer for sheep. One 960 mL bottle provides treatment for 8,300 lbs. of body weight. Compare to Merial product “Ivomec®.” Active Ingredient(s): Ivermectin
960 ml. $69.95
240 ml. $35.25

Dectomax™
• Strongest injectable-effective against 36 stages of internal and external parasites
• Longest-lasting injectable against GI roundworms-protects cattle from reinfection with nodular worm and small intestinal worm for 28 days
Dosage: 1cc per 100lbs
• SC administration

100 ml. bottle $72.99
200 ml. bottle $129.95
500 ml. bottle $189.95

Dewormer Dosage Chart

<table>
<thead>
<tr>
<th>PRODUCT</th>
<th>DOSAGE</th>
<th>DOSES PER PKG</th>
<th>COST PER DOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ivomec Drench 1ltr</td>
<td>11.5ml/100lb</td>
<td>87</td>
<td>$1.05</td>
</tr>
<tr>
<td>Ivomec Drench 5ltr</td>
<td>11.5ml/100lb</td>
<td>433</td>
<td>$0.69</td>
</tr>
<tr>
<td>Privermectin 240ml</td>
<td>11.5ml/100lb</td>
<td>20</td>
<td>$1.30</td>
</tr>
<tr>
<td>Privermectin 960ml</td>
<td>11.5ml/100lb</td>
<td>83</td>
<td>$0.74</td>
</tr>
<tr>
<td>Cydectin Drench 1ltr</td>
<td>10ml/110lb</td>
<td>100</td>
<td>$0.77</td>
</tr>
<tr>
<td>Cydectin Drench 4ltr</td>
<td>10ml/110lb</td>
<td>400</td>
<td>$0.67</td>
</tr>
<tr>
<td>Valbazen Drench 500ml</td>
<td>3ml/100lbs</td>
<td>167</td>
<td>$0.26</td>
</tr>
<tr>
<td>Valbazen Drench 1000ml</td>
<td>3ml/100lbs</td>
<td>333</td>
<td>$0.23</td>
</tr>
<tr>
<td>Safe Guard Drench 125ml</td>
<td>2.5ml/100lbs</td>
<td>50</td>
<td>$0.46</td>
</tr>
<tr>
<td>Safe Guard Drench 1000ml</td>
<td>2.5ml/100lbs</td>
<td>400</td>
<td>$0.36</td>
</tr>
<tr>
<td>Synanthic Drench 1000ml</td>
<td>1ml/110lbs</td>
<td>400</td>
<td>$0.29</td>
</tr>
<tr>
<td>Levamisole 52gm</td>
<td>30ml/100lbs</td>
<td>128</td>
<td>$0.18</td>
</tr>
<tr>
<td>Ivomec Injectable 50ml</td>
<td>1ml/100-200lb</td>
<td>50</td>
<td>$0.99</td>
</tr>
<tr>
<td>Ivomec Injectable 200ml</td>
<td>1ml/100-200lb</td>
<td>200</td>
<td>$0.71</td>
</tr>
<tr>
<td>Ivermax Injectable 50ml</td>
<td>1ml/110lbs</td>
<td>50</td>
<td>$0.65</td>
</tr>
<tr>
<td>Ivermax Injectable 250ml</td>
<td>1ml/110lbs</td>
<td>250</td>
<td>$0.24</td>
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<tr>
<td>Dectomax Injectable 100ml</td>
<td>1ml/100lbs</td>
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<tr>
<td>Dectomax Injectable 200ml</td>
<td>1ml/100lbs</td>
<td>200</td>
<td>$0.65</td>
</tr>
<tr>
<td>Dectomax Injectable 500ml</td>
<td>1ml/100lbs</td>
<td>500</td>
<td>$0.37</td>
</tr>
</tbody>
</table>

**Above chart is based on product label instructions for either a 100lb or 110lb dose. Please refer to product label to determine species approval. Consult veterinarian prior to using any product on any species not listed on product label.
**Ivomec™ Drench**

Broad Spectrum - Kills gastrointestinal roundworms
- Kills lungworms
- Kills all larval stages of nasal bots

Ready-to-use solution, used with any standard drenching equipment

Safety
- Pregnant Ewes
- Rams
- Lambs

1,000 ml. $92.85
5,000 ml. $305.00

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**Ivermax™ Injectable**

One low-volume dose effectively treats and controls internal and external parasites that may impair the health of cattle and swine.

50 ml. $32.50
250 ml. $59.00

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**Levamisole 52gm Powder**

Levamisole Hydrochloride Soluble Drench Powder

Oral Use Sheep and Cattle

Broad-spectrum anthelmintic for cattle with excellent activity against stomach worms, intestinal worms and lungworms. Place contents of one package in 1 quart water, agitate. 12 oz. treats 64 at 200 pounds; 1 oz. treats 32 at 400 pounds; 1/2 oz. treats 21 at 600 pounds; and 2 oz. treats 16 at 800 pounds.

52 gm. Packet $23.00*

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**Safe-Guard Dewormer**

Cattle: for removal and control of lungworms, stomach worms, barberpole worms, brown stomach worms, small stomach worms, intestinal worms, hookworms, thread-neck intestinal worms, small intestinal worms, bankrupt worms and nodular worms.

125 ml. container $23.75
1000 ml. container $149.25

Paste
- 25 gr. tube (1,000 lb.) $12.95
- 92 gr. tube (4,000 lb.) $41.25
- 290 gr. tube (12,000 lb.) $66.95
- Gun for 290 gr. tube $12.50

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**Safe Guard 0.5% Pellets**

Mix rate 1-lb. to feed per 1000 lb. body weight.

10 lb. $66.50

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**Valbazen® (albendazole)**

**Oral Suspension for Use in Cattle and Sheep for removal and control of liver flukes, tapeworms, stomach worms, intestinal worms, lungworms**

**ACTIVE INGREDIENT:** Albendazole..11.36%

(Equivalent to 113.6 mg/mL)

**Indications:** Valbazen is a broad-spectrum anthelmintic effective in the removal and control of the following internal parasites in cattle and sheep:

**Dosage and Administrations:** Valbazen Suspension should be administered to cattle at the recommended rate of 4 mL/100 lb of body weight (equivalent to 4.54 mg of albendazole/lb, 10 mg/kg) and to sheep at the recommended rate of 0.75 mL/25 lb of body weight (equivalent to 3.4 mg of albendazole/lb, 7.5 mg/kg.). The following table indicates recommended dosing schedules.

<table>
<thead>
<tr>
<th></th>
<th>Cattle</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Wt.</td>
<td>Dosage</td>
<td>Body Wt.</td>
<td>Dosage</td>
</tr>
<tr>
<td>250 lb</td>
<td>10 mL</td>
<td>1000 lb</td>
<td>40 mL</td>
</tr>
<tr>
<td>500 lb</td>
<td>20 mL</td>
<td>1250 lb</td>
<td>50 mL</td>
</tr>
<tr>
<td>750 lb</td>
<td>30 mL</td>
<td>1500 lb</td>
<td>60 mL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Sheep</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Body Wt.</td>
<td>Dosage</td>
<td>Body Wt.</td>
<td>Dosage</td>
</tr>
<tr>
<td>25 lb</td>
<td>0.75 mL</td>
<td>100 lb</td>
<td>3.0 mL</td>
</tr>
<tr>
<td>50 lb</td>
<td>1.5 mL</td>
<td>200 lb</td>
<td>6.0 mL</td>
</tr>
<tr>
<td>75 lb</td>
<td>2.25 mL</td>
<td>300 lb</td>
<td>9.0 mL</td>
</tr>
</tbody>
</table>

Cattle: 1 liter of Valbazen 11.36% Suspension will treat 50 animals weighing 500 lb. Sheep: 1 liter of Valbazen 11.36% Suspension will treat 664 animals weighing 50 lb. Valbazen 11.36% Suspension should be given orally using any type of standard dosing gun or dose syringe. Important: Accurate estimates of the weight of the cattle and sheep to be treated are essential for most effective results with this product. Animals constantly exposed to internal parasites should be retreated as necessary. WARNINGS: Cattle must not be slaughtered within 27 days following last treatment. Sheep must not be slaughtered within 7 days following last treatment. Because a withdrawal time in milk has not been established, do not use in female dairy cattle of breeding age. CAUTION: Do not administer to female cattle during first 45 days of pregnancy or for 45 days after removal of bulls. Do not administer to ewes during the first 30 days of pregnancy or for 30 days after removal of rams. Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.

500 ml. $46.50
1000 ml. $82.50
5 liter $345.00
Co Rid 9.6% Solution
A ready-to-use formulation of amprolium. Designed for use in drinking water or as a drench. An effective therapeutic or prophylactic for bovine coccidiosis in calves. CoRid "mimics" Vit B, which is what coccidia consumes to survive. When ingested, the amprolium literally "starves" the coccidia (since there is no nutritional value). It is recommended that the animal be boosted with Vit B after using CoRid to replenish optimum levels of depleted necessary vitamins. For a convenient dosing aid, visit our website.

Gallon $110.00
Pint $18.75
10 oz. Powder $23.50

Specto Gard™ (Scour Halt)
Fast, easy, and effective oral solution. Proven in the reduction of scours caused by E-Coli in baby pigs. Each ml contains 50gm Spectinomycin. Dosage = 1ml/10# body wt. 21 day withdrawal for slaughter.

240 ml. with pump $21.00
1 Liter $52.00

Creolin
To Disinfect: For general household use, add 3 tablespoonfuls of Creolin to 1 quart scrub water. Kills most bacteria on environmental surfacers and germs such as "staph." Where treated surface may contact food, thoroughly scrub with detergent and rinse with potable water prior to reuse. Active ingredients: Coal tar neutral oils 51%, Coal tar acids 26%, Soap 13%. Inert ingredients: Water 10%.

16 oz. $14.00
Gal. $85.00

Mineral Oil (95 Viscosity)
All mineral oil is a mixture of liquid hydrocarbons from petroleum. The primary difference is the weight (light or heavy) of the product. Since this can vary widely, we use viscosity as a definite value. The higher the rating, the thicker and heavier the product. This is the lighter of our two products and has a viscosity of 95. For use as a mild laxative for the lubrication of the intestinal tract of horses, cattle, sheep, swine and dogs.

1 gallon $16.00

Bloat Release
For use as an aid in the treatment of Frothy Bloat in ruminants and as a fecal softner.

DOSAGE AND ADMINISTRATION:
Administer as a drench or via a stomach tube.
Adult Cattle 12 fl. oz.
Young Cattle, Sheep and Goats 6 fl. oz.

12 oz. Bottle $5.50

D.F. Crosley's Sore Mouth Relief
An evolutionary anti-microbial formula that effectively assists in controlling many fungal and bacterial infections.
• Helps to eradicate and prevent secondary infections by disruption the reproductive cycle of fungus and bacteria that are often present with the Sore Mouth virus.
• Apply topically to the infected and surrounding areas to assist the animal's natural antibodies to facilitate the healing process.
• Sore Mouth Relief’s active, safe and natural ingredients include zinc ion and thyme oil, generally recognized as safe (GRAS) by the FDA.

Each $26.95

D.F. Crosley's Prevent
• Disrupts the reproduction of fungus and bacteria that exists on the surface and lower layers of the skin, hair and hooves
• Combines emulsified natural essential oils with zinc and copper ion to safely create a natural anti-microbial barrier
• Prevent uses a patented pH control formula that provides immediate but long lasting antibacterial and antifungal prevention

Each $20.95
### Disposable Syringes

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 cc.</td>
<td>$.15 each</td>
</tr>
<tr>
<td>6 cc.</td>
<td>$.22 each</td>
</tr>
<tr>
<td>12 cc.</td>
<td>$.25 each</td>
</tr>
<tr>
<td>20 cc.</td>
<td>$.40 each</td>
</tr>
<tr>
<td>60 cc.</td>
<td>$1.10 each</td>
</tr>
</tbody>
</table>

### Disposable Needles

16, 18 or 20 Gauge Pack of 5

- 16 Gauge: $0.75 each
- 18 Gauge: $0.75 each
- 20 Gauge: $0.75 each

Box of 100 $12.00

We stock ½", ¾" and 1". Specify size needed.

### "Stubby" Nylon Syringe Kits

<table>
<thead>
<tr>
<th>Capacity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>10cc</td>
<td></td>
</tr>
<tr>
<td>20cc</td>
<td></td>
</tr>
<tr>
<td>30cc</td>
<td></td>
</tr>
</tbody>
</table>

All kits include the threaded dose pipe pictured below. All Drenching Kits Each $14.50

### 4½" Dose Pipe

Excellent for drenching with a pistol grip syringe. Fits most luer tip syringes.

Each $6.00

### Ideal 50ml Pro Shot™ Repeater Syringe

If you are in the market for an inexpensive, but accurate repeater syringe, then this is the one for you.

**FEATURES:**
- Built from high-impact plastic
- Durable and lightweight
- Large, easy to read increments
- Non-porous polypropylene barrel will not discolor
- Luer lock tip

50 ml Capacity

Dial adjusts from 1-5ml (in 1ml increments)

Each $31.50

### Sharpvet 100cc Syringe

This nylon syringe features black graduations that are etched in to the barrel for easy visibility. The luer tip accepts both needles and drench tube (sold separately).

Each $14.00

### 5 ML Compact Syringe

Simcro’s Compact Variable Syringe is economical and durable. The New Zealand award winning design has a variable dose selection. Designed for user comfort with stylish looks and economically priced. Highly accurate with fully adjustable dosage by turning the selector from 0.5 ML to 5 ML. Holds all luerlock needles. Easy to dismantle and clean. Made of durable, yet comfortably lightweight nylon. This syringe can be used as a drencher by attaching a drench nozzle. Available in ready-to-use kits with three draw-offs and tubing.

Each $27.50

### Small Farmers Kit

A popular syringe kit great for the hobby farmer. Comes ready-to-use with the 12.5 ML Optimiser™ syringe, one metal drench nozzle, one plastic drench nozzle, tubing and two needles.

12.5 ML Small Farmers Kit Each $54.00

### Prodigy Repeater Syringes

**The 20 ML Metal Drencher Syringe** offers the features of a variable fixed dose drencher with the added versatility of a syringe. All in one tough metal applicator! Poly barrel perfect for chemical and oil based vaccines. Large viewing window for greater visual confirmation when dosing. Ergonomic comfort grip metal handle and lever. Comes with a metal sheep drench nozzle, metal cattle drench nozzle and luerlock attachment.

**The Metal Adjustable Dose Repeater** from Prodigy Instruments features an easy CDS System. Just Click (Click the button), Draw (Draw in fluid) and Squeeze (Squeeze to deliver). Comes with UV resistant poly barrel and versatile blue o-ring that is compatible with oil based vaccines. Metal luerlock and nib for durability. Ergonomic comfort grip metal handle and lever. Includes 3 colored knobs.

25ML Repeater Syringe $53.00

50ML Repeater Syringe $53.00

### Threaded Dose Pipe for "Stubby" Syringe

Securely threads into the "Stubby" syringes pictured above. 4 1/2" long.

Each $15.00
Prodigy 20cc Drencher
Although it has seen a few design changes through the years, this automatic syringe is the best you can buy. The all-time favorite is back. We have seen fewer problems with this syringe than any other. Its all-metal frame and spring-load ed valves makes it rugged as well as accurate. NJ Phillips still offers parts for the drenchers they made 20+ years ago. Adjusts from 1-20 ml. Backpack holds 3 qt.
All metal constructed frame
High-impact poly barrel resists breaking
Each $129.95

Ardes Drench Guns
Our biggest seller during show season. An economical way of giving large volumes of liquid (electrolytes) to sheep & cattle. Heavy duty construction. Two sizes available.
60 cc $33.00
150 cc $39.75

Ardes Drenching Kits
10 ML Ardes syringe with luer lock dose pipe
20 ML Ardes syringe with luer lock dose pipe
50 ML Ardes syringe with luer lock dose pipe
All Drenching Kits $16.00

Stomach Tuber for Adult Sheep, Goats, and Calves
For giving large volumes of liquid to dehydrated animals. Great for administering electrolytes. Comes complete with 2.5 liter pouch and 1/2” x 60” tube.
Each $18.00

Quality Assurance
Vaccines that are shipped beyond normal 2 day delivery areas must be shipped 2nd day air. Please call for current rates.
Vaccines shipped Mondays thru Wednesdays only.

Bar-Vac CD/T
Now prevent overeating, tetanus and sudden death with one product. Sudden, unexpected death can strike any of your animals. It can be from overeating disease (Clostridium perfringens Types C and D). Or tetanus (Cl. tetani). That’s why it pays to vaccinate against all three organisms. Now, you can do the job with new Bar-Vac CD/T. You get:
• Complete three-in-one protection that’s highly effective because new Bar-Vac CD/T is a potent, pure toxoid.
• Safe protection for all ages—even pregnant ewes.
• Convenience and versatility—whether you’re raising feeder lambs or breeder ewes, new Bar-Vac CD/T fits your health program.
25 dose $10.25
125 dose $45.00

Case-Bac™
Corynebacterium Pseudotuberculosis Bacterin-Toxoid
This product, when administered to healthy sheep according to label directions, will aid in the prevention and control of Caseous Lymphadenitis.
WHEN TO VACCINATE: Entire flock should be vaccinated prior to exposure. Little or no benefit can be expected from vaccinating animals with visible signs of this disease. Those showing infection should be immediately culled and disposed of or isolated.
DOSAGE AND ADMINISTRATION
Shake thoroughly to resuspend precipitate. As aseptically as possible inject 2 ml subcutaneously (axillary space). Repeat 2 ml dose 4 weeks later (opposite axillary space). Administer “booster” 2 ml dose annually.
20 ml. 10 doses $7.95
100 ml. 50 doses $31.95

Texas Sore Mouth
Live virus for the immunization of healthy lambs against Ovine ecthyma (sore mouth).
DOSAGE: Lightly abrade 1/4” of skin on inside of thigh or hind leg. Apply to area using a stiff brush. 21 day slaughter withdrawal.
Each $35.00
Chlamydia Psittaci Bacterin
Produced from cultures of Chlamydia, a filterable bacteria of the psittacosis-lymphogranuloma-trachoma group of micro-organisms that cause enzootic abortion in ewes. This heavy consistency emulsion forms a repository of vaccine that provides prolonged antigenic stimulation but may cause a granuloma at the site of injection. This product is non-returnable and not eligible for credit at expiration. Vaccinate breeding ewes 60 days prior to breeding. Administer second dose 30 days later. Revaccinate annually. Dosage: Shake thoroughly. Inject as aseptically as possible 2 ml SC on the top of the neck about 4 inches from ear.

20 ml 10 Doses $14.00
100 ml 50 Doses $57.00

Ovine Ecthyma Vaccine
For vaccination of healthy sheep and goats against ‘soremouth.’ Tissue culture origin. Size: 100 ds.
Each $35.00

If you don't see the product you are looking for please give us a call at 800-841-9665. We have vaccines for cattle, hogs, sheep and goats available.

Chlamydia Psittaci Bacterin

Ovine Ecthyma Vaccine
For vaccination of healthy sheep and goats against ‘soremouth.’ Tissue culture origin. Size: 100 ds.
Each $35.00

Colorado C-D Antitoxin
50 ml. $10.50
250 ml. $45.75

Vibrio Fetus Bacterin Ovine Strain
A chemically killed product for all known, isolated sero-types of vibriosis in sheep. Dosage: 5 ml. Sizes: 10 ds., 50 ds.
50 ml. $9.00
250 ml. $36.00

PHM Bacterin
Pasterurella Haemoltica-Multocida Bacterin for the vaccination of cattle, sheep and goats
DOSAGE: 2 ml. followed in 2-4 weeks with 2 ml. subcutaneously. Animals vaccinated at less than 3 months should be revaccinated at 4-6 months. Withdrawal 21 days before slaughter.
20 ml. bottle $4.50
100 ml. bottle $20.00

NEW VACCINES

Bovine Rota- Coronavirus Vaccine
For the vaccination of healthy newborn calves and pregnant cows as an aid in preventing diarrhea (scours) caused by Bovine Rotavirus and Coronavirus. Contains penicillin and streptomycin as preservatives.
1 x 25 dose $109.95

Bovine Rota- Coronavirus- E-Coli Antibody, Bovine Origin
Shown to be effective for passive immunity against K99+ E. coli, bovine Coronavirus and bovine Rotavirus when administered within 12 hours of birth. Aids in the reduction of mortality and morbidity from scours caused by K99+ E. coli and Coronavirus while also reducing the severity and duration of scours caused by Rotavirus. USDA-approved veterinary biologic. Gel tube eliminates the need for dam and calf-level scours vaccinations. One dose provides immediate immunity - no need to stimulate immune response or follow-up with annual boosters. Guaranteed antibody levels in every dose - all calves are equally protected. Can be administered with colostrum, without the delay some calf-level vaccines require. Delivery is targeted to liveborn and valued calves, maximizing return on investment. No dam-level vaccine means less stress on the dam, increasing her response rate to critical vaccines, clearing room in her vaccination schedule.
Each $13.99

Bovine Rhinotracheitis- Parainfluenza3- Respiratory Syncytial Virus Vaccine
• The first and only respiratory vaccine that prevents respiratory disease cause by BRSV, while also aiding in the prevention of IBR and PI3, to help get cattle off to a healthier, more productive start
• Helps deliver a healthy start for young dairy and beef calves; developed specifically for intranasal use
• Helps prime the immune system for a memory response to subsequent vaccinations as well as disease challenges
• For dairy herds, INFORCE 3 can be used in baby calves, on arrival, at weaning, before moving to group pens, or with cows and heifers pre-freshening
• Perfect for use in beef herds in calves at branding, preconditioning, weaning, pre-shipment, or on arrival in stocker or feedlot
1 x 25 dose $59.95
10 dose $17.95
25 dose $43.00
50 dose $75.00

PHM Bacterin
Pasterurella Haemoltica-Multocida Bacterin for the vaccination of cattle, sheep and goats
DOSAGE: 2 ml. followed in 2-4 weeks with 2 ml. subcutaneously. Animals vaccinated at less than 3 months should be revaccinated at 4-6 months. Withdrawal 21 days before slaughter.
20 ml. bottle $4.50
100 ml. bottle $20.00

PHM Bacterin
Pasterurella Haemoltica-Multocida Bacterin for the vaccination of cattle, sheep and goats
DOSAGE: 2 ml. followed in 2-4 weeks with 2 ml. subcutaneously. Animals vaccinated at less than 3 months should be revaccinated at 4-6 months. Withdrawal 21 days before slaughter.
20 ml. bottle $4.50
100 ml. bottle $20.00
Tips on Vaccinating

LAMBS AND KIDS
For Subcutaneous (under the skin)
Use the loose skin folds inside front flanks.
Use 18 or 20 gauge needle either 3/4” or 1/2” long

MATURE SHEEP & GOATS
For Subcutaneous (under the skin)
Use loose skin folds inside front flanks or the back of neck.
Use 18 gauge x 3/4” or 1”
(For heavy oil based vaccines use 16 gauge needle)

Mid-States Wool Growers Sheep Mineral
GUARANTEED ANALYSIS:
Calcium (Ca), Minimum .......................................................... 13.00%
Calcium (Ca), Maximum .......................................................... 15.00%
Phosphorus (P), Minimum ...................................................... 5.00%
Magnesium (Mg), Minimum .................................................. 1.00%
Salt (NaCl), Minimum ............................................................ 20.00%
Salt (NaCl), Maximum ............................................................ 23.00%
Zinc (Zn), Minimum ............................................................ 700ppm
Selenium (Se), Minimum ..................................................... 35.0ppm
Vitamin A, Minimum ............................................................ 200,000 IU/lb
Vitamin D3, Minimum ........................................................... 20,000 IU/lb
Vitamin E, Minimum ............................................................ 100 IU/lb
50 lb. Bag ................................................................................. $23.50

The Shepherd’s Choice® Vitamin E/Se/IPREMX
GUARANTEED ANALYSIS
Calcium (Ca), Minimum .......................................................... 12.0%
Calcium (Ca), Maximum .......................................................... 14.4%
Iodine (I), minimum ................................................................. 450 ppm
Selenium (Se), minimum ........................................................ 4,500 ppm
MINIMUM VITAMIN POTENCY PER POUND
Vitamin E, I. Units................................................................... 100,000
INGREDIENTS
Vitamin E Supplement, Calcium Carbonate, Roughage Products,
Sodium Selenite, Iron Oxide, Mineral Oil, Ethylendediamine
Dihydriodide, Sodium Molybdate.
DIRECTION FOR USE:
Mix 1 pound of PVC Vitamin E/Se/I Premix with 50 pounds of salt.
(This mixture will contain 125 I. Units of Vitamin E per ounce and 2.4
mg. of selenium per ounce.) Feed to sheep at the rate of 1/4 ounce
per head per day.
Each $12.50
50 dose $53.50

COVEXIN 8™
Indications
For the active immunization of healthy sheep against
diseases caused by Cl. chauvoei, Cl. septicum, Cl.
novyi Type B, Cl. haemolyticum (known elsewhere as
Cl. Novyi Type D*), Cl. tetani and Cl. perfringens Types
C and D.

DOSAGE AND ADMINISTRATION
Shake well. For aseptic subcutaneous use.
Dosage: 5 ml., followed by a 2 ml., dose in 6 weeks.
Revaccinate annually with 2 ml. prior to periods
of extreme risk, or parturition. For Cl. novyi and Cl. haemolyticum, revacc-
cinate every 5-6 months. Vaccination should be scheduled so that
pregnant ewes receive their second vaccination or annual booster
two weeks before lambing commences in the flock. Lambs should be
given their primary course beginning at 10-12 weeks of age.
10 dose $4.00
50 dose $14.50

Colorado Serum CD/T
Immunization of healthy cattle and sheep against
enterotoxemia and tetanus caused by the toxins
of Clostridium perfringens Types C&D and Cl.
tetani.
Dosage: 2cc injected SC or IM. Repeat in 21-28
days.
10 Dose Bottle $5.95
50 Dose Bottle $25.00

Vetericyn Eye Gel
Eye treatment for dogs, horses, livestock and pets
 treats irritated eyes and provides relief from burning,
stinging, itching, etc.
3 oz. gel $19.99

Tetanus Antitoxin
For quick response of short duration in protection or treat-
ment of Tetanus or “lockjaw.” Useful after castration or punctu-
ture wounds. Immediate protection.
Sizes: 1,500 units, 10 x 1,500, 10,000-50,000 units Cattle and
Horses; 3,000-15,000 Sheep and Swine.
1-1500 Unit $3.95
10-1,500 Unit $30.00
1-15,000 Unit $24.50

Tetanus Toxoid
For the immunization of animals against tetanus
(lockjaw). Provides long term immunization.
Dosage=1cc/100lb
10 ds $4.00
50 ds $14.50

Eye Ointment
Tetracycline eye ointment.
1/8 oz. tube $19.99

Fortified B Complex Injectable
Treatment/prevention of Vitamin B complex and
B12 deficiencies.
100 ml. $6.50
250 ml. $11.00
Selenium-E-Gel™
Each 5 ml. provides 3 mgs of Selenium & 500 I.U. of Vitamin E.

GUARANTEED ANALYSIS
Each tube (80 mls or grams) contains 8,000 I.U. of Vitamin E and 48 mgs of Selenium or 272.4 mgs per pound.
Dosage: Horses - 5 mls. (1 click); Calves - 5 mls. (1 click); Cows - 10 mls. (2 clicks); Sheep & Goats - 5 mls. (1 click). Consult your veterinarian as to use advisability. If stress conditions prevail, repeat above amounts daily or as indicated by your veterinarian.

80 ml. tube each $12.75 Dial Dose Tube
6-80 ml tubes $72.00

Kaeco Vit B Complex Oral Gel
Contains: Thiamine (B1), B12, and Probiotics.
For use as a supplement source of B complex Vitamins in goats, sheep, and calves. Fortified to support appetite, digestion, and energy levels. Administer during birth, vaccinating, post-antibiotic, deworming, weaning, diminished food intake, and other stressful events.
30 ml dial-a-dose tube (5ml per 100lb) $10.75

Kaeco VitADEB12 Gel + Probiotic
All ingredients are in the patented “Real Gel” base that melts at body temp. It will not roll off the tongue. Suitable for sheep & goats.
80 ml dial-a-dose tube (5ml dose) $9.00

Bactoclyde Spray
Bactoclyde Extra Strength Violet Spray is a powerful disinfectant effective against both fungi and bacteria. Can be used on navel stumps as well as superficial wounds. Bactoclyde has both astringent and drying properties.
Contains Benzalkonium Chloride, iodine, and genetian violet.
500ml bottle with pump $18.75

Septi Clense
Developed to control and inhibit immediately any existing or possible infection from airborne or contact germs resulting from external wounds, grazes or skin punctures that require on the spot attention.
500 ml. Clear $11.75

AluShield™ Aerosol Bandage
Alushield is a completely effective spray on bandage that provides a protective barrier against infection in all cuts, lacerations and surgical procedures. This safe and convenient product aids in clean, rapid healing.
AluShield:
• Should be used to reduce the risk of infection in any cut or open wound.
• Is water resistant, yet breathable and can be used in any weather conditions.
• Contains no antibiotics and therefore requires no withdrawal.
• Is perfect for dehorning, castrating, tail docking and nicks.
Each $17.00

Blood Stopper
Control excessive bleeding following docking or dehorning. Apply promptly to bleeding area.
16 oz. $7.95

Pine Tar
A natural fly repellant. Can be used on superficial wounds to prevent fly strike.
Quart $13.25

Red-Kote®
For fast, safe healing of lacerations, wire cuts, scratches, burns, chafes and other superficial wounds. Non-drying, soothing, softening. Stimulates new, healthy skin growth and discourages scar tissue formation.
5 oz. Aerosol Spray each $8.95

Blu-Kote®
Effective treatment of surface wounds, abrasions, and ringworm. Antiseptic, fast-drying Blu-Kote is highly effective against pus-producing bacteria and common fungus infections. Penetrates to reduce pus formation and dry up secretions of pox-like lesions.
4 oz. Dauber Bottle $7.50
5 oz. Aerosol Spray $8.00

Surgical Scrub
No Soap-No Water-You need just a clean towel or tissue. Leaves a biocidal film on hands that continues to work. Your hands are clean and germ free wherever you may be. A product ideal in cases of emergency treatment and internal examination. Internal examination requires the use of obstetrical gel-Agrigel with chlorhexidine is highly recommended.
Each (Sh. wt. 2 lbs.) $10.00
Kelly Artery Forceps
For suturing and picking up arteries.
5" Straight or Curved $7.00
(Sh. wt. 1 lb.)

Suture Needles
5" fully curved-use for prolapse, etc.
Each $4.50

Castration Kit
Includes a number 3 stainless steel scalpel
handle and Sheffield Stainless Steel Surgical
Blades. Each kit comes with individually
wrapped blades in peel open packages: 3 no.
10 and 3 no. 12 blades each.
2030 Castration Kit each $7.50

Replacement Blades for Castration Kit
The finest stainless steel is used to hold
the surgical cutting edge longer. Each
card contains 10 blades individually
wrapped in peel open packages.
2031 No. 10 Surgical Blade (Straight) each $4.00
2032 No. 12 Surgical Blade (Curved) each $4.00

Disposable AG-TEK MiniScalpel™
Designed for veterinary use in performing surgical procedures (e.g.,
castration, fetotomy, etc.), the disposable AG-TEK MiniScalpel™ has a
surgical stainless steel blade attached to a uniquely designed, easy
to grasp, plastic handle.
Each $ .75

British Capsule Forceps
Scissor type of high quality
steel. Used mostly for sheep
and small animals.
Each $10.00

500 lb. Digital Platform Scale
An economy priced digital scale. Features a low profile stainless steel platform with a 500 pound
capacity. The digital head can be powered by either
(4) AAA batteries or an AC adapter. +/- .2% Accuracy.
Deck Dimensions are 42" long x 22" wide.
Over-sized UPS applies
Each $500.00

70 lb. Scale
70 lb x 1 lb / 32 kg x 500 g capacity. Equipped
with a metal ring at the top and a metal S hook for
the bottom of the scale.
Each $20.00

E-Z Hang Scale
Round dial face for weighing feed and
small animals: 55lb./25fg. capacity. 3 SIZES
AVAILABLE: 55, 110, 220 LBS
Each $55.00

Weigh Sling
Made from trampoline material, this sling
will withstand anything you can put in it.
Ideal for weighing lambs and adult sheep.
Measurements: 11" x 22"
Overall length from ring to ring = 42"
Each $18.00

Digital Hanging Scale
- Built to last
- 110 lb. x 1 oz.
- Portable, easy to take with you anywhere
- Built-in 3ft (1 meter) tape measure
- Perfect for weighing items that are
difficult to place on a platform scale
- Makes an excellent fishing scale
- Reads in: lb / kg / lb.oz
Each $30.00

www.midstateswoolgrowers.com
**Digital Thermometer**
A rapid, easily read and accurate reading of the temperature of all animals. Measured in Fahrenheit degrees. Each $5.50

**ARS Hoof Shear**
Quickly becoming the favorite hoof trimmer among everyone. Both are made of high carbon steel, precision ground, and hardened for strength. Because of the thickness and strength of their blades, they can be sharpened many times over.

- 7" Red Shear $37.00
- 8" White Shear $40.00

**Dual Head Stethoscope**
This quality stethoscope features chrome binaural chestpiece, 22inch "Y" tubing, anda pair of mushroom ear tips. Overall length is 30 inches. Ideal for listening to the internal sounds of the animal to check for and monitor irregularities. Each $9.50

**Serrated Hoof Shear**
Designed to grip hard to cut hoof with serrated edge. Each $22.00

**MS Hoof Trimmer**
Quality hoof trimmer, made in Italy. Each $22.00

**Saboten Hoof Trimmer**
Lightweight, easy action trimmer, very sharp making for easy cutting. Small size makes for easy cutting. Each $25.50

**Hoof Knife**
Double Edge Each $6.25

**Sheep Management Wheel**
A unique device that tells you exactly when to do what to your ewe flock, no matter when your flock might lamb. Written and developed by the innovative Pipestone, MN, Lamb and Wool Program, which has been an educational leader in intensive sheep production for 15 years. It’s said that "any idiot can make things complex; but it takes a genius to make things simple." This wheel fits in the latter category. Each $12.75
**Formalin 10%**
For use as an aid in preserving tissue samples or for foot baths.
Gallon $31.00

**Pritox™**
16 oz. $24.50*

**Foot Master**
Invaluable to any flockmaster requiring a positive result relating to footrot and diseased hoof. Foot Master has a spouted controllable valve that allows a broad or concentrated spray application which eliminates any wastage of product yet allows saturation of badly infected areas.
Each $11.50

**SheepPro Liquid Zinc Sulfate**
Concentrated liquid zinc sulfate. Specially formulated to aid in the treatment and prevention of footrot and other foot problems.

DIRECTIONS FOR USE:
Topical spray - Mix 1 part SheepPro to 3 parts water. Clean affected area as well as possible before spraying. Spray affected area to point of run-off twice daily until condition improves. Severe cases may require wrapping. Soak a cotton ball or gauze directly in the SheepPro, apply to affected area and wrap. Remove wrap after 3 days and inspect.

**FOOT BATH** - Mix 1/2 gallon of SheepPro to 50 gallons of water. Change and recharge the foot bath in extremely muddy conditions. (In this case, only expect to treat 150 head).

**INGREDIENTS:**
Zinc (Zn) ..............1.65%
Sulfur ..................4.21%
Inert ....................94.14%

Gallon $56.00
Quart $28.00

**Zinc Sulfate**
For use in foot baths as a preventative and treatment of footrot in sheep. Mix rate of 8 lbs. to 10 gallons water in foot bath. Add 1 cup laundry soap.
50 lbs. $51.00

**Dr. Naylor Hoof ‘n Heel®**
- Penetrates deep into hoof to attack infection.
- Quick clinical response...rapid loss of lameness.
- Does not cause hoof to become discolored, hard, brittle or shrink.
- Colorless. Does not stain or affect wool.
- No residues. No withholding.
- Cost-effective. Treats many hoofs.

16 oz. $8.80
Gallon $34.95

**Hoof Phast Powder**
For Foot Bath
- Helps Maintain Hoof Health
- Surface Antiseptic

DIRECTIONS FOR USE:
Topical spray - Mix 1 part SheepPro to 3 parts water. Clean affected area as well as possible before spraying. Spray affected area to point of run-off twice daily until condition improves. Severe cases may require wrapping. Soak a cotton ball or gauze directly in the SheepPro, apply to affected area and wrap. Remove wrap after 3 days and inspect.

**Molded Poly Foot Bath**
Foot Bath is eight feet long, comes in 2 four foot sections that fit together.
2-4 ft. Interlocking Sections
Each $130.00

**Formalin 10%**
For use as an aid in preserving tissue samples or for foot baths.
Gallon $31.00

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**INGREDIENTS:**
Zinc (Zn) ..............1.65%
Sulfur ..................4.21%
Inert ....................94.14%

Gallon $56.00
Quart $28.00

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**Hoof Phast Powder**
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**Molded Poly Foot Bath**
Foot Bath is eight feet long, comes in 2 four foot sections that fit together.
2-4 ft. Interlocking Sections
Each $130.00
Sheep Boot
Hoof injuries to sheep can be treated and protected while using the Sheep Boot. This boot will provide clean, comfortable and waterproof protection while cushioning the injured hoof. The Sheep Boot also relieves pressure and eliminates the need for wrapping or allows continuous application of treatment that requires constant contact with the hoof.
Each $18.00

Boot and Shoe Cover
Disposable 3 mil. polyethylene boots. Excellent for disease control on the farm. Elastic top holds the cover in place. 25 pair per package.
1 pkg. $18.25

Ag-Tek Vet Tie Braided Tape
Use with Pro-Fix tubes or can be used as suture material or umbilical tape.
30 YARDS PER ROLL!
Narrow(1/8") $10.75
V375 Wide(5/16") $15.00

Ag-tek® Pro-flexTM Cohesive Wrap
The cohesive flexible bandage for the hoofcare professional.
Features: durable, yet lightweight; superior adhesion; easy to apply even in cold weather; multiple colors for identifying different treatments; economically priced.
Size: 4” x 5 yds.
Each $2.00

Wall-Lenk Electric Dehorner for Calves, Sheep and Goats
For use on lambs and kids up to 1 month of age. Destroys horn cells permanently.
Each $47.50

Stone Double Electric Dehorner
• Saves time: one instrument handles newborns 3-10 days old, flip it over for larger calves up to 12 weeks (some breeds to 6 months).
• Cauterizing action reduces blood loss and helps prevent infection after mechanical dehorning.
• Solid brass heating element for long life.
• Stays hot longer. 110 Volts, 240 Watts.
• Inside diameters-3/4” and 1”
Sh. wt. 5 lbs $157.00

Dehorning Paste
Quick, safe, economical. Single application is all that is needed for young calves, lambs, and kits.
4 oz. Jar $8.50

Ag-Tek “Pro-Fix® Tubes”
For Rectal Prolapse Repair
Size: O.D. x Length
1” x 2¾” $1.95
1¼” x 2½” $2.95

Mid-States Wool Growers Co-op. Association
Animal Health/Care 37
Poly Feeders
These feeders have clevis kit (#201-2C) to hang on most panels.
(Both measure 22" x 8" x 24"). Shipped UPS.
(1) #202 Self Feeder, Capacity 50# $150.00
(2) #201 Hay-Grain Feeder $125.00

#207 Poly Self Feeder with Galvanized Insert
100# capacity
This feeder has clevis kit (#201-2C) to hang on most panels (45½ " x 8½" x 23½") Shipped UPS
Each $270.00
#1010P Poly Self Feeder
This is Sydell's new 800 lb. capacity poly self feeder. This feeder features a white plastic which allows a visible feed level without opening the lid. Measures 46" wide x 66" tall. Height to top of trough is 33". Shipped commercial freight.
Each $730.00

#824P
4' Combination w/poly pan
Sh. wt. 145 lbs.
Each $530.00

#811 Sectional Feeder W/Poly Tub
12 openings - 36" tall - 30" diameter (Shipped UPS)
Each $235.00

#886 Collapsible Round Bale Feeder
90" x 85" x 48"
Each $575.00
(Sh. Commercial Freight wt. 175 lbs.)

Hay Baskets
Feeders can hook over 1½" material. Manger spacing 2¾"
#203A* $105.00
#204A* $46.00
#204A-2* $90.00
#204A-6* $265.00
*Additional handling applies.

Mineral Feeder
#804-25 lb. Capacity Poly Unit.
Each $180.00
**Fold Panels**

- **#650**
  - 5' Double Panel with (1) #495 Pin
  - Length 58", Height 40", Bar Spacing 4½" Apart
  - Each $135.00
  - Commercial freight only

**BUY COMPLETE AND SAVE**

- **#470-4TX**
  - 4' Creep Gate Complete
  - Each $235.00

- **#470-5TX**
  - 5' Creep Gate Complete
  - Each $28.00

- **#470-6TX**
  - 6' Creep Gate Complete
  - Each $330.00

- **#470-8TX**
  - 8' Creep Gate Complete
  - Each $410.00

- **#940A Walk-Thru Gate**
  - Self-Shutting 30" x 42", Door Opening 25¼".
  - (Sh. wt. 40 lbs.) $170.00
  - Shipped UPS

**4' Grafting Panel**

- This panel makes grafting lambs & kids easy and successful.
  - Grafting just two animals will pay for this panel over artificial feeding.
  - MEASURES: 47" x 35 5/16"
  - Each $155.00

**#936 Spin Doctor**

- Easy rolling maintenance table for sheep and goats.
  - Includes:
    - Left and Right Head Gate
    - Swing Away False Floor
    - Top Adjust
  - Each $1,875.00
#930 Tilt Table With Sliding Gates
Each (with false floor and top adjust)
Each $1,435.00
(Shipped Commercial)

Single Head Judging Rail
This is the new single lamb or goat show rail, works great for at home or at shows that don’t allow full larger trimming stands. The lightweight design and the flip down neck reach makes these stands easy to move and transport.
Steel $130.00
Aluminum $190.00

Sheep Chair
Simplicity in the positioning and restraining of sheep. *The most inexpensive *Efficient *Totally profitable Have all the main advantages of the expensive turning cradle.
• 100% American Made
• Back rest made from tough trampoline material.
• 3 Different Adjustments to Accommodate All Sizes of Sheep and Goats
Each $120.00

#705-Fold-Up Fitting Stand
• 20” x 48” Deck, 17½” Deck Height
• No Need for a Curved Neck Reach as the Neck Reach Extends Out From the Stand
• Will Accept All the Features of the Old Style #745 Stand
Each $290.00

Mid-States Wool Growers Co-op. Association
Sheep & Goat Equipment 41
#736 Goat Stanchion with Stand
20" x 48" Deck, 17 1/2" Deck Height
Shipped UPS
Oversize charges apply
Each $375.00
(Pictured with optional bench)
Bench
Each $77.00

#750 Clutch Winch Fitting Stand
• Wheels for easy transporting
• 20" x 48" Deck, Height 4" to 19"
• The Clutch Winch is the safest winch unit for children as well as adults to use.
Each $570.00
Shipped UPS (Oversize Rates Apply)
Safety Rails Optional $77.00

#780 Hydraulic Stand
Features:
• 20" x 48" Deck which raises from 3" to 27" with ease
• Includes Straight Neck reach and Large Headpiece
• Cast Aluminum Wheels for Easy Transport
• No need for a curved neck reach, as the neck reach receiver extends in and out
Each $620.00
Shipped UPS (Oversize Rates Apply)
#730A Nose Head Piece $45.00
#731-L Head Piece for Sheep Weighing 120 lbs. and Up $45.00
#731-S Head Piece for Sheep Weighing Below 20 lbs $45.00
#732 Curved Neck Reach for Adult Sheep $23.00
#733 Straight Neck Reach for Sheep Weighing Below 150 lbs $17.00

AL0745-Aluminum Fold-Up Stand
20" x 48" Deck, 17½" Deck Height
Adjustable Height From Deck to Headpiece 21" - 43"
Neckreach Adjusts From Deck Horizontally 0" - 8"
(Oversize UPS Rates Apply) $425.00

AL0736-Aluminum Fold-Up Stand w/ Goat Stanchion
20" x 48" Deck, 17½" Deck Height, #1021-1 Ft.
Poly Trough Included.
Adjustable Height From Deck to Headpiece 19" - 38".
Neckreach Adjusts From Deck Horizontally 0" - 8".
Sh. wt. 34 lbs. $545.00
Shipped UPS
5 Head Show Rail
#740A-5  5 Head Rail With Sides
Each $440.00

#741-5 Optional Floor W/Support
Each $155.00
Sign Support $68.00

10 Head Show Rail
#740A-10 10 Head Rail With Sides (Shipped UPS)
Each $665.00

#741-10 Optional Floor W/Support
Each $155.00
Sign Support $68.00

The Quick-Attach Anti-Backup Gate
AB1 is an add-on device that can be hooked onto any solid raceway panel. It prevents sheep from backing out of the raceway. Sheep can push through or jump over the anti-backup arm, but they can’t back up. AB1 is spring-loaded. It should be used every 8 to 12 feet in the system, starting at the entrance to the raceway. Anti-backup arms can be used in pairs if raceway panels are straight vertically. When panels are angled, only one is used. Sheep will flow through the system better if only one anti-backup arm is used, because they will go around one better than they can go through two.
Weight-5 lbs.
7" each $75.00

Wooden Shepherd’s Crook
Excellent for catching and holding sheep by the neck. Wooden crook five (5) feet long with wide opening for catching any size sheep.
Each $16.75
Please add additional oversize charge of $10.00 to regular rate.

Metal Croooks
For catching and holding sheep by the neck. Metal crook with wide opening for catching any size sheep. Two sizes available.
Short (36") $13.75
Long (52") $15.50
Please add additional oversize charge of $10.00 to regular rate.

Metal Combo Crook
With a leg crook on one end and a neck crook on the other, you are ready for catching sheep in any situation. The rubber foam grip acts as a brake when squeezed. Made of aluminum. 5 ft long.
Each $26.75
Please add additional oversize charge of $10.00 to regular rate.
**SmartFence™ by Gallagher**

This revolutionary, all-in-one portable fencing system is ready for you to set up anywhere in just a matter of minutes. All you to add is a fence charger. Easy to transport, this unit combines fence posts, reels and wire all in one convenient system.

Perfect for:
- Creating temporary pasture within a larger area
- Dividing pastures for more efficient, intense grazing
- Providing a safe roadside grazing area (compared to single wire)
- Quick patch for fence breaks
- Fencing off silage bale stacks
- Beneficial aid in rotational grazing, to help control internal parasites and foot rot
- Can be attached to existing electrified fence
- Can be used with 110v electric, battery, and solar chargers

**SPECIFICATIONS:**
- Length = 328 ft
- Height = 36 1/2”
- Number of posts = 10 (which includes the reel post)
- Number of polywire strands = 4 (bottom wire can be adjusted to a higher position to allow for taller grass)

Compared to flexible netting:
- More economical (if you are buying more than one roll of netting)
- Does not tangle, easier to store
- Much quicker to set up
- Has a more attractive appearance when set up

Each (sh wt 16 lbs, oversize UPS rates apply) **$229.95**

---

**ElectroNet**

A201000
35”x 164’ Roll.
8 conductive horizontal wires.
White plastic vertical struts every 12 inches.
Roll complete with all posts, just unfold and set the posts.
Impenetrable mesh fencing for sheep, goats, coyotes and dogs

Per Roll **$128.00**
**Dura-Mate Automatic Waterer**
Adjustable float connects to ordinary garden hose. Durable polyethylene and nylon construction. Includes metal brackets for over-the-fence or wall installation. 16 Qt capacity. Float assembly fully covered, protecting it from the animal. Does not contain a heat unit, so you can only use this during warmer months.
Each $37.50

**Mineral Feeder**
Model Smf
15 lbs. capacity
• High density polyethylene
• Easy to clean
• Longer lasting
Each $33.00

**Lamb Creep Feeder Model LCF-24**
24" L x 8" W x 24" H
Capacity 72#
Each $139.00

**2-Sided All Polyethylene Waterer with Heater**
All polyethylene 2-sided water specially designed for sheep and goats.
FEATURES:
• Domed cover prevents climbing or standing
• One piece rugged fountain body
• Fully insulated casing
• No gasket to tear, break, or leak
• Quick and easy to clean
• Dimensions: 33" long, 14" wide, and 22" tall
Each $390.00
Mighty Max Fence Feeder
Heavy poly construction hooks over 3/8" rod or fence. Excellent for lambing pens.

10"x7" $15.00
14"x7" $17.00
18"x8" $19.95

Portable 11" Plastic Feeder
• Heavy-duty metal clips  L=11", W=6 3/4", H=6"
• Can be permanently mounted to wall FF11
• High-impact polyethylene plastic
• Colors available: red & black
• Total capacity 4 1/2 qts

Each $11.50

10" Pen Feeders
• Built-in bracket hooks over any 2x wide board
• Heavy-duty plastic construction
• Portable & stackable
• Holds 6 qts (1 1/2 gal)
• Eyelets provided for permanent mounting
Colors : Blue, red, green, lime, pink and berry blue

Each $9.00

Portable 16" Plastic Feeder with Chain
• Heavy-duty metal clips
  L = 16", W = 8 1/4", H = 7"
• Can be permanently mounted to wall FF16
• High-impact polyethylene plastic
• Features chain & clip to prevent spills
• Total capacity 9 qts
• Colors available: red & black

Each $14.50

Plastic Feeders/Bolt on Hangers
• Heavy-duty poly construction

1 ft. Feeder $24.00
2 ft. Feeder $31.00
3 ft. Feeder $40.00
4 ft. Feeder $48.00

8 Qt Hook Over Feed Pail
• Built-in bracket hooks over any 2x wide board
• Heavy-duty plastic construction
• Portable & stackable
• Colors : Blue, red, green
  L=12 1/2", W=11 3/8", H=8 1/2"

Each $9.00
### Flat Back Buckets
Available in 8 Qt & 20 Qt
- Heavy-duty plastic
- Strong wire bail
- Flat back makes it easy to set next to wall
- Colors available: Red, blue, green, lime, purple, pink, yellow, and burgundy

<table>
<thead>
<tr>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 Qt</td>
<td>$6.25</td>
</tr>
<tr>
<td>20 Qt</td>
<td>$9.75</td>
</tr>
</tbody>
</table>

### 20FB Heated 5-gal. Flat Back Bucket
The flat back design and oversized metal handle allow this 20-quart bucket to hang flush against a wall. It's constructed of high-quality, resilient plastic to withstand low temperatures without cracking. Thermostatic control coupled with over-temperature protection ensures that it will keep water ice-free down to -20 degrees F.

Great for both horses and large dogs. Patented design features a bottom compartment to stow the cord during summer use. The 6-foot gounded cord with anti-chew protector exits from the bottom of the bucket to prevent chewing. Thermostatically controlled for efficient operation. 115 Watts, 120 Volts, 60 Hz.

6-foot anti-chew cord.

Large 20-quart (5 gallon) capacity with a sturdy bail
Flat-back design to hang flush against wall
Special resilient plastic to prevent cracking
6’ anti-chew cord

Each $55.00

### Bucket Heater
Safe for use in non-metallic containers. Heating element enclosed in metal guard. Heats water to boiling in just a few minutes. 1000 watts.

DO NOT LEAVE UNATTENDED

Each $54.00

### 3 In 1 Stock Tank De-Icer
This unique de-icer can be used as:
- Sinking de-icer (remove styrofoam)
- Floating de-icer (install styrofoam)
- Drain plug de-icer (adapter included)

Each $41.00*

### Bucket/Utility/Bird Bath De-Icer DT250
- Energy Efficient: Does Not Overheat The Water
- Multiple Thermostat Control
- Large Heating-Surface Area Runs Cooler Than Conventional De-Icers
- Can Be Used In Plastic Containers
- Durable Aluminum Base
- Compact, Low Profile Design
- Suitable For Containers Up to 25 Gal.
- 10-foot Cord With Heavy Duty Anti-chew Protector
- 3 Year Warranty

Each $36.00*

### 3 Qt Fluorescent Feed Scoops
- Brilliant colors make them hard to overlook
- Built-in handle for easy handling
- Lightweight, but tough
- Easy to clean & stackable
- Colors available: purple, lime, orange, and pink
- Flat bottom makes it easy to fill, even when feed tub is almost empty

Each $4.25

### Bucket/Utility/Bird Bath De-Icer DT250
Fits all Behlen®, Freeland®, Hastings, Rubbermaid®, Applegate® and all other plastic and metal tanks on the market. Thermostatically controlled to operate only when necessary. Unit is unnoticed by livestock - no cord in water. Easy to install; installs within minutes

SAFE IN PLASTIC
Guaranteed for One Year

Each $48.00
NEW

**Fusion Clipper**


Each $329.95

**Legend clipper**

Great for show animals. Used on multiple species. 80 watt approx. 110 volt – 3100 rpms. Complete Kit includes carry case, set of fine blades, oil and screwdriver.

Each $310.00

NEW

**Fusion Shear**

Fusion Shear for show lamb shearing and cattle fitting. Two-speed rotary motor 2500/2900 SPM. Slim design is easy to maneuver around tough spots. Lightweight at 2.4 lbs. Cool running during heavy duty jobs. Removable and replaceable filter, and fully serviceable motor for easy maintenance. 16' cord. Kit includes: storage case, 13 tooth comb and cutter, cleaning brush, grease, oil, and instruction book.

Each $359.95

**Star Clippers**

Clippers come complete with:
- 1 set of Fine blades
- Carrying case
- Oil & Blade brush

Each $265.00
Heiniger Xpert Shearing Machine
The new XPERT sheep shearing machine from Heiniger is a real power package. Power and technology are combined at the highest level in a handy, lightweight design. The unique and innovative, strong connection between the shearing head and the fiberglass-reinforced housing ensures low vibration.

Includes:
- Carrying Case
- Comb and Cutter
- Screwdriver
- Oil & Brush

Each $450.00

Heiniger Xtra Shearing Machine
Motor Assembly
- 220 watt, fan-cooled motor
- Quick-access brush replacement
- Simple to service

Shearing Head
- Standard 3-inch head
- Patented tension system; offers 50% longer life for combs and cutters
- Accepts virtually all 3-inch combs and cutters made by other companies.

Electric Shearing Handpiece (Motor Assembly with Shearing Head)
- Lightweight (4.18 lbs.); less tiring; more comfortable to use for long periods.
- Quiet-running for increased operator comfort; reduces animal upset
- Includes 13 tooth comb, Jet Cutter and maintenance accessories
- Includes handy, damage-resistant carrying case

Each $450.00

Icon Handpiece
Shear perfection for professionals
Designed in conjunction with elite shearers from around the globe, this handpiece exceeds the needs and requirement of professional shearers & farmers.

Each $624.00

EVO Three Speed Shearing Plant
- 3 speed versatility to suit all shearing conditions and shearers’ ability from beginners to experts
- Self-tensioning transmission belt - maintenance free
- Unique electronic SAFETY switch
- Lightweight, quiet, smooth running and well balanced
- Long life design and easy to maintain
- Available with worm or pin drive

Each $2,095.00
(price includes Icon Handpiece, Evo Motor, Ferrule and downshaft)

Heiniger One Plant
- Single speed available with worm or pin drive
- Unique electronic SAFETY switch
- Long life and easy to maintain
- Lightweight, quiet, smooth running and well balanced
- Strong 300w motor
- All the features of the EVO but can only be operated with the flexible shaft

Each $1,895.00
(price includes Icon Handpiece, Motor, Ferrule, and downshaft)
A5® Turbo Clipper
- More than twice the power of the leading competitor (over 45 watts)
- Up to 30° cooler blade temperature and up to 24° cooler housing temperature than the leading competitor
- Glides through thick matted hair
- Wider sweep allows for faster cutting in less time
- Increased speed and power allows you to move down the back of a horse with ease
- Detachable blade system works with all A5® and Power Pro™ (blocking blade, coarse blade, medium blade and fine blade)

Model 78005-314 Turbo A5 ® Two Speed
Each $155.00

Showmaster & Shearmaster

ShowMaster® Shearing Machine
This improved variable speed shearing machine with 3" shearing head is great for show fitting and trimming horses, cattle, sheep, and goats. You can create a smooth finished appearance with the 20 tooth goat comb and 4 point cutter, variable speed and adjusts your cutting strokes from 700 to 3,000 per minute. The 3" shearing head is cool running and stays oiled for up to 100 hours
Each $340.00

EW 312C Shearing Head
For use on Oster Shearmaster or Showmaster motors only. Takes your choice of 4-point cutters and most 3" combs.
Cat. No. 1533-01 $195.00
Comb and cutter not included.

510A Head
Fits motors 72157, 72520, EW610VS. Complete with top and bottom blades.
Cat. No. 1505-01 $160.00

ClipMaster® Clipper Single-Speed:
This improved ClipMaster® Clipper stays oiled for up to 100 hours, is quiet, cool-running, and more versatile than ever. It delivers 3,000 strokes per minutes and stands up to any challenge. So bring on the cattle, horses, sheep and goats. The strong blade tension assembly makes it easy to adjust.
Each $290.00

72157 Motor
120 volts, AC-DC. For use with Shearmaster or Clipmaster heads.
Cat. No. 1503-02 $155.00

ClipMaster® Clipper Variable-Speed:
New and improved lightweight and cool-running, this ClipMaster® Clipper is easy to use and versatile. With infinite settings from 700 to 3,000 cutting strokes per minute, the variable speed clippers are perfect for extensive body clipping on horses, cattle, sheep, goats and dogs all day long.
Each $305.00

EW610VS Variable Speed Motor
For use with Model EQ610 "Clipmaster® Clipper. Accepts all current heads.
Cat. No. 1505-01 $170.00
Pro-Vado Freedom Cordless Shear
The Pro-Vado Freedom Cordless Shear comes standard with a shearing head, 2 Bosch 18v 2Ah batteries, and a charger.
Each $699.00

Andis Pulse ZR II
with CeramicEdge #10 Detachable Blade
Now with removable battery for fast and easy replacement. Heavy duty, detachable blade clipper in cordless design delivers a 3-hour run time on a 2-hour charge. Lithium-ion power mated with powerful rotary motor for all grooming applications. Detachable blade design offers the advantage of multiple blade options to achieve just the right length. Works with all Andis UltraEdge and CeramicEdge blades.
Each $349.95

Andis Excel 5 Speed
Improved blade drive design lasts two times longer than standard blade drives. 14' Heavy-duty power cord. 5 speeds: Adjustable from 2,500 to 4,500 strokes per minute. Detachable blade design offers the advantage of multiple blade options to achieve just the right length. Works with all Andis UltraEdge, CeramicEdge and ShowEdge blades as well as Oster A5 blades.
Each $224.95

Super 2-Speed Professional Animal Clipper
with Size 10 Detachable Blade
Model AGC Super II
A 2-speed clipper that is over 50% faster than Model AG Detachable Plus®, and over 25% faster than Model AG-2 Detachable Plus®. Designed for super fast cutting with plenty of power for any type clipping. Runs so cool, it does not need noisy air vents or fans. Detachable blades for ease of changing and cleaning. Break resistant housing, contoured to fit your hand. Extremely quiet operation. 120V, 60Hz., AC/DC.
Each $171.00

Flexible Shaft Shearer-Clipper
Direct drive unit complete with flex down shaft, motor and on-off switch.
Each $825.00

Flexible Downshaft Only
Mounts directly on all existing G-80 and G75BE-2 Clutches. Shaft is 72” Long.
Each $375.00

EB-AM Handpiece
Quality made handpiece takes any 4 point cutter and 3” comb.
Each $480.00

G80 Shearing Clutch
Solid acting mechanism eliminates all unnecessary slip. Comes with large oil cup and wick to keep critical parts lubricated for continuous smooth and cool operation. Comes assembled, ready to mount.
Cat. No. 1556-03 $479.95

G36BQ-1 Direct Drive Speed Change Joint
Includes 18-tooth cog, fitting for 5/8” motor shaft and special split bushing for 1/2” motor shaft. Increases R.P.M. by 50%.
Cat. No. 1556-02 $249.95

Pro-Vado Freedom Cordless Shear
The Pro-Vado Freedom Cordless Shear comes standard with a shearing head, 2 Bosch 18v 2Ah batteries, and a charger.
Each $699.00
Wizard 13 tooth sheep
• 77mm wide 13 teeth
• Ideal for shearing or dagging sheep using a clipper
• Cutter provided with metal driving socket
Each $66.50

Wizard 13 tooth cattle
• 77mm wide 13 teeth
• Ideal for shearing or dagging sheep using a clipper or clipping dirty cattle
• Cutter provided with metal driving socket
Each $66.50

Wizard 20 tooth sheep
• 77mm wide 20 teeth
• Ideal for shearing or dagging sheep using a clipper
• Cutter provided with metal driving socket
Each $66.50

Wizard 20 tooth cattle
• 77mm wide 20 teeth
• Ideal for shearing or dagging sheep using a clipper, creates a show quality finish
• Cutter provided with metal driving socket
Each $66.50

A2F/AC Fine
• 75mm wide 35 teeth
• Leaves 1.5mm of hair
• For close clipping horses, clipping the heads and bellies of cattle, slick shearing sheep (USA)
Each $48.95

A2/AC Medium
• 75mm wide 35 teeth
• Leaves 2.5mm of hair
• These blades leave more hair on compared to the fine blades
Each $48.95

A2s/AC Surgical
• 75mm wide 35 teeth
• Leaves 1.0mm of hair
• Clips very close to skin and is suitable for surgical preparation
Each $52.00

A2H/AC Hog Blades
• 75mm wide 35 teeth
• Integral 12 tooth lifter attached
• Leaves 13mm of hair
• This blade is ideal for applications where clipping is required to tidy up the animal but a good cover of hair is still required
• These blades are only available with a plastic driving socket
Each $66.00

CA2/AC Coarse
• 75mm wide 35 teeth
• Leaves 2.5mm of hair
• Used for cleaning dirty animals, very strong
Each $56.00

Covercote
• 75mm wide 24 teeth
• Leaves 5mm of hair for areas that require extra protection
• Ideal for leaving longer hair on legs
• Only available with metal driving socket
Each $66.00

Wahl X Block Blade
Each $35.00

Alpaca (Lister)
An affordable way to shear alpacas and llamas. Also works well for shearing sheep in colder months.
Each $36.00

Harrier
Wide 96mm concave comb with medium/long bevel. Designed for fast shearing of fine wool sheep.
Each $22.00

Countryman 5
Wide 76mm convex comb with medium bevel. Ideal general purpose comb, used for all types of shearing including show shearing, general tidying & hygienic removal of dirty fleece from around the back end of sheep.
Each $22.00

Hawk
Wide 94mm concave comb with medium to long bevel. Available as Hawk 5 in full thickness (3.0mm) Designed for ease of penetration in fine wool. Copes well in difficult conditions.
Each $22.00
### Supershear Combs and Cutters
The old favorites are back! Formerly made by Sunbeam in Australia, these combs and cutters are now being made by Lister in the UK to the same exacting standards as years ago.

<table>
<thead>
<tr>
<th>Combs and Cutters</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pro Legend</strong></td>
<td>Full thickness. 92mm wide with medium bevel. Generally used in open fine wool type sheep.</td>
<td>Each $37.00*</td>
</tr>
<tr>
<td><strong>Charger</strong></td>
<td>Full thickness. 93.5mm wide with short bevel. Available in both right &amp; left hand.</td>
<td>Each $37.00*</td>
</tr>
<tr>
<td><strong>Topaz</strong></td>
<td>Full thickness. 84.5mm wide with medium bevel. Great for all shearing conditions.</td>
<td>Each $37.00*</td>
</tr>
<tr>
<td><strong>Mohair</strong></td>
<td>90mm wide with medium bevel. Designed for shearing goats, but is great for beginners.</td>
<td>Each $45.00*</td>
</tr>
<tr>
<td><strong>Mach 9</strong></td>
<td>94mm wide with a long bevel. Great for shearing extra tough wool &amp; for leaving cover on sheep in colder weather.</td>
<td>Each $37.00*</td>
</tr>
<tr>
<td><strong>Camelid Comb</strong></td>
<td>Specially designed for shearing llamas and alpacas. Runners on every other tooth allows for 8-10mm of stubble allowing for protection from the sun &amp; cold.</td>
<td>Each $47.00</td>
</tr>
<tr>
<td><strong>Jet Cutter</strong></td>
<td>4.6mm thick. Provides maximum throw for wide combs.</td>
<td>Each $8.50</td>
</tr>
<tr>
<td><strong>Storm Cutter</strong></td>
<td>Extra thick (4.6mm) and extra wide. This is the cutter we recommend for using on all 9 tooth combs.</td>
<td>Each $8.50</td>
</tr>
</tbody>
</table>

#### Supershear Micro Pacer
A convex all purpose comb for easy entry into the wool. 76mm wide, 5mm (Medium) Bevel.
Each $22.00

#### Supershear Mustang
A crossbreed comb to suit all shearers, especially the professionals. Bevel 3mm Width 94mm
Each $22.00

#### Supershear Mighty Nova
Suitable for dagging and shearing tough and sticky sheep. 88mm wide, 5mm (Medium) Bevel.
Each $22.00

#### Supershear AAA Cutter
Marathon AAA cutters have a wide throw and are full thickness for long life.
Each $11.00

#### Supershear Arrow Cutter
Straight gullets. Recommended for use with cover combs.
Each $11.00

#### Burgon 90 Comb
13 tooth Flair comb.
Each $22.00

#### Burgon Cutter
4 Point 3°
Each $7.00
Andis Detachable Blades
A full range of clipper blades for a full range of cutting needs.

64133
Size 3 3/4 Skip Tooth
1/2" - 13 mm
$34.50

64135
Size 3 3/4 Finish Cut
1/2" - 13 mm
$34.50

64090
Size 4 Skip Tooth
3/8" - 9 mm
$34.00

64123
Size 4 Finish Cut
3/8" - 9 mm
$34.00

64079
Size 5 Skip Tooth
1/4" - 5 mm
$32.00

64122
Size 5 Finish Cut
1/4" - 5 mm
$32.00

64080
Size 7 Skip Tooth
1/8" - 4 mm
$32.00

64121
Size 7 Finish Cut
3/16" - 4 mm
$32.00

64120
Size 9
1/8" - 3 mm
$28.00

64071
Size 10 Medium Cut
Very Close Cutting
1/16" - 1.5 mm
$28.00

64072
Size 15 Medium Cut
3/64" - 1 mm
$28.00

64075
Size 30 Close Cutting
for Show Cuts
1/100" - 0.2 mm
$28.00

64076
Size 40 Surgical
Very Close Cutting
1/125" - 0.1 mm
$28.00

64930
Size 5/8" HT Finish Cut
5/8" - 16 mm
$34.50

63980
Size 3/4" HT Finish Cut
3/4" - 19 mm
$34.50

21641
Size T-84
3/32" - 2.4 mm
$32.50

“Clipmaster” Clipper Blades

Model 83AU Top Blade
Top clipping blade for every clipping job. Used with all current bottom blades.
Cat. No. 1511-01 $13.50

Model 84AU Bottom Blade
Bottom clipping blade for most clipping jobs.
Cat. No. 1511-02 $17.50
#61511-12 83/84AU Combo Pack $29.50 Each

Model EA1-SUR Surgical Blade
Surgical clipping and close grooming (to .002") for vets and freeze branding.
Cat. No. 1511-03 $20.00

Model 35BA Thick Bottom Plucking Blade
Thick plucking and stubble blade for dogs and stubble leaves 3/8" hair stubble.
Cat. No. 1511-04 (while supplies last) $64.00
### Repair Parts for Shearing Head used on Oster-Sunbeam Models 312 C & 310C

<table>
<thead>
<tr>
<th>Index No.</th>
<th>Part Number</th>
<th>Price Each</th>
<th>Description</th>
<th>Basic Parts</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>42110</td>
<td>$0.50</td>
<td>HOUSING SCREW (LARGE-FRONT)</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>42187</td>
<td>2.25</td>
<td>COMB SCREW</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>42445</td>
<td>0.30</td>
<td>SMALL NUT (FOR RETAINING SPRING)</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>42883</td>
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<td>HEAD TO MOTOR SCREW</td>
<td>2</td>
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</tbody>
</table>

### P7112 (Oster)

20-Tooth Goat Comb. Bevel allows for next-to-the-skin shearing. Used for goat shearing, and for slick shearing lambs. Fits all 3" shearing machines.

Each $23.00

### Repair Parts for Shearing Head used on Oster-Sunbeam Models 312 C & 310C

- **P1082 (Oster)**
  - A13-Tooth comb designed for close, smooth shearing. Fits all 3" shearing machines.
  - Each $23.00

- **X Caliber Blocking Comb**
  - A 13 tooth comb designed for blocking out wool breeds before the show. Sharp tips allow for the cutter to be ran all the way to the end of the teeth.
  - NOT INTENDED FOR REGULAR SHEARING
  - Each $22.00

- **34AB "AAA" Cutter (Oster)**
  - Wide tooth angle for easy wool entry; faster, cleaner cutting. Fits all 3" shearing machines.
  - Each $11.00

- **P2311 Cutter (Oster)**
  - Wide Diamond Cutter. Standard 4-point cutter.
  - Each $10.00

- **41V Cutter**
  - Wyoming Special 3" Cutter.
  - (DESIGNED FOR WYOMING HANDPIECE ONLY!)
  - Each $10.00

- **78916-506 Medium Blade 1/8", 3.2mm $33.00**

- **78916-516 Fine Blade 1/16", 1.65mm $33.00**

- **78916-526 Coarse Blade 3/16", 4.8mm $33.00**

- **78916-536 Blocking Blade $33.00**

- **78916-546 Opti-Block Blocking Blade $35.00**

---

[Order by part number]
Blades for A5 Clippers

- Size 8 1/2
  - 2.8 mm
  - $26.00
- Size 10
  - Cuts 1/16"
  - $26.00
- Wide #10
  - Cuts 1/16"
  - $30.00
- Size 15
  - Cuts 1/16"
  - $26.00
- Size 30
  - Cuts 1/50"
  - $26.00
- Size 40
  - Cuts 1/100"
  - $26.00
- Size 4 Skip tooth
  - Cuts 3/8"
  - $34.00
- Size 4F (Full tooth)
  - Cuts 3/8"
  - $34.00
- Size 5
  - Skip tooth
  - Cuts 1/4"
  - $30.00
- Size 5F (Full tooth)
  - Cuts 1/4"
  - $30.00
- Size 7
  - Skip tooth
  - Cuts 1/8"
  - $28.00
- Size 7F (Full tooth)
  - Cuts 1/8"
  - $28.00

Repair Parts for Oster Single Speed Motor & Variable Speed Motor (Year 1989 or Newer)

<table>
<thead>
<tr>
<th>Index</th>
<th>Part Number</th>
<th>Price Each</th>
<th>Description</th>
<th>Basic Parts</th>
<th>Single Speed</th>
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Repair Parts for Clipping Head Used on Oster-Sunbeam Models 510A, 520A and Ew610

<table>
<thead>
<tr>
<th>Index No.</th>
<th>Part Number</th>
<th>Price Each</th>
<th>Description</th>
<th>Basic Parts</th>
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<td>.50</td>
<td>HEAD TO MOTOR SCREW</td>
<td>2</td>
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</table>
E-Z Clipping Guard
• Assures consistent, fast blocking.
• High quality aluminum construction.
• Fits Oster 510 & 610 Clip Master Flatead and Show Master Sheephead models. (1/4", 3/8", 5/8”)
Each $36.00

Universal Guide Comb
Fits all A5 Blades
1/8" (926-20) 3/4" (926-23)
1/4" (926-21) 1" (926-24)
1/2" (926-22) 1 1/4" (926-25)
Each $4.00

GR327 Comb and Cutter Holder
Designed to hold shearing combs and cutters during sharpening.
Each $59.00

GR110-1 Clipper Blade Holder
Strong magnet holds 83AU top blade or 84AU bottom blade for sharpening.
Each $79.00

447 Shearers Screwdriver
Specifically designed for tightening down comb screws on shearing machine. Design allows for better leverage for removing stubborn screws.
Each $19.50

Clipperside® Aerosol Spray
DISINFECTS AND LUBRICATES
• Effective against bacteria, viruses and fungus.
• Its spray leaves a thin film of lubricant on surfaces and between clipper teeth, for smoother and more efficient clipper operation.
CLEANS AND COOLS
• The aerosol spray blows hair and dirt from between clipper teeth-cleaning and, at the same time, cooling blades.
Each $7.00

Lister Carry Case
Heavy duty canvas with re-infroced bottom. Excellent for storing clippers.
Each $29.50

Blade Pouch
For storing Lister Blades
Each $2.50

Blade Guards
C2 Shear $10.00
C3(Lister) $10.00
C1 Clip $10.00

Special Grease
Recommended for the gears inside the heads of “Clipmaster” Clippers and “Shearmaster” Shearing Machines.
Four oz. $6.50
Wool Bag Stand
You can get more wool in a sack with our stand. Stand has a built-in ladder for climbing. Folds flat for easy carrying. Hole at top is round. Height 6'6".
Each $265.00
(oversize UPS rates apply)

Wool Bags
Plastic, 6.5 ml. Each $5.25
Burlap, 10 oz. Each $9.50

Wool Bag Sewing Needles
Perfect for sewing the tops of your wool bags.
Each $6.00

47 India Pointing Stone
Used to remove needle-points and reshape comb teeth. Color may vary.
Each $14.50

Portable Blade Grinder
Each $975.00

Mid-States Grinder Kit
Designed for sharpening all combs and cutters. Comes with comb and cutter holder, beveled disc, arbor, bearings, one pulley, glue and grit.
Grinder Kits $649.95
13" Beveled Disc Only $330.00

#10 Clear Clipper OIL
4 oz. $3.00
8 oz. $5.50
16 oz. $10.00
1/2 gal. jug $19.50

Have Your Blades Sharpened
Lister Blades $6.50 Per Set
Shearing Combs $2.50 Each
Shearing Cutters $2.00 Each
Cattle Blades $6.50 Per Set
Small Animal Blades $6.50 Per Set
Hand Shears $6.50 Each
Add $9.75 Return Handling Charge.
Please clean blades before sending.
A surcharge will be added for dirty or rusty blades $3.00 Per Set

Sharpening Needs
NU-Glu-For setting up grinding discs with grit and glue. Sorry, no returns on this product.
Per Pint $22.50

Grit-For use with above glue in resurfacing discs. Size 60, 80, 100 and 220.
Per Pound $9.95

PSA, Emery Circles and Cement
No. 60 Abrasive Circle; 12" Dia. $11.50
No. 80 Abrasive Circle; 12" Dia. $11.50
No. 100 Abrasive Circle;12" Dia. $11.50
No. 60 Abrasive Circle; 15" Dia. $13.50
No. 80 Abrasive Circle; 15" Dia. $13.50
No. 100 Abrasive Circle; 15" Dia. $13.50

Bench Stone
Bench Stone for sharpening hand shears.
Each $8.00
MARKING & IDENTIFICATION

Guide To Tag Placement

Temple Tag
Add $8.50 Shipping Charge on Order
All repeated and consecutive number sequences are imprinted in contrasting colors. There is NO additional charge for mixing colors on repeated or consecutively numbered tags.

20 COLORS: Red, White, Light Blue, Light Green, Yellow, Black, Brown, Orange, Silver, Pink, Purple, Turquoise, Maroon, Gold, Royal Blue, Grey, Salmon, Chartreuse, Tan, Dark Green.

CATTLE SIZE:
3 large numbers, 20 letters-10 per line

TEMPLE CATTLE TAGS:
50 tags $49.00*
100 tags $76.00*

SHEEP SIZE:
3 large numbers, 16 letters-8 per line

TEMPLE SHEEP TAGS:
50 tags $46.00*
100 tags $69.00*

Mini Sheep Tag
Tag Size: 1 1/2” wide x 1 1/2” height
Color: White, Yellow, Orange, Green, Pink, Red and Blue.
20 TAGS PER PKG
Blank $15.75
Numbered $18.50
Lettered or Numbers over 999 $20.00
DOUBLE MEDIUM EARTAG
Tag Size: 2" high x 1-5/8" wide
Number Size: 3/4" high
Prestamped Numbering: 1 to 999
Popular Uses: Visible from both sides of the ear for quick identification from front or rear. Used for sows in confinement, ewes on pasture or calves.

Complete Blank Tag $1.07
Complete Stamped Tag $1.31

SINGLE LARGE EARTAG
Tag Size: 2"-3/4" high x 2-1/4" wide
Number Size: 1-1/8" high
Prestamped Numbering: 1 to 999
Popular Uses: Used on large animals-steers, heifers, cows and bulls-where distance, front and rear visibility are important.

Complete Blank Tag $1.43
Complete Stamped Tag $1.74

MAXI
Tag Size: 4" high x 2-7/8" wide
Number Size: 1-3/4" high
Prestamped Numbering: 1 to 999
Popular Uses: Beef and Dairy. Our most popular size because of high visibility of numbers.

Complete Blank Tag $1.35
Complete Stamped Tag $1.51
**Ketchum Lamb Labels**

TAMPER-PROOF LABEL FOR LAMBS

Made of brass and numbered, if desired can be furnished with no. and 6 letters. Same style as Kemco label but smaller. Useful for lambs, to slaughter age.

- 100 Labels $17.00
- 200 Labels $32.00
- If Lettered, $15.00 Extra

**Kemco Sheep Size Labels**

TAMPER-PROOF STYLE

Numbered light weight aluminum which may be inserted in one operation. Also, supplied with family or farm name up to 10 letters, plus regular consecutive numbers.

- 100 labels $32.50
- If lettered, please add $15.00 extra

**Hasco® Style 681 for Hogs or Adult Sheep**

Measurements when closed:
- Inside-7/8" lgth. x 1/4" hgt.
- Outside-1-1/8" lgth. x 5/16" hgt.
- Width-5/16"

Materials: Bright double plated steel.

- 100 Tags $29.95
- 200 Tags $58.00

CUSTOM NAME STAMPING

One-Line-Seven eighth-inch letters maximum.
Two-Lines-Twelve sixteenth-inch letters maximum.

Setup Charge $10.00
(Minimum 100 tags)
Applicator $37.00

**Allflex Total Tagger™**

Total Tagger's deep jaw gives extra clearance for thick or large-eared animals. It is user friendly, designed so it won’t bite the hand that uses it. A positive safe-lock mechanism, and a bonus spare pin in the handle. The ideal applicator for all livestock tagging.

Each $27.50

**Temple Tag Ear Punch**

Used for punching hole in the ear of the animal so the Temple Tag can be applied.

Each $47.50

**Kemco Plier**

Used to apply Kemco Sheep Size Labels. Will not work on any other tag.

Each $34.50

**Ketchum Plier**

Used to applying Ketchum Lamb Labels. Will not work with any other tag.

Each $21.50
Allflex Marking Pens
The pen contains an ink formulation that allows the ink to penetrate into the eartag, without the “feathering” that would make the tag difficult to read. This deep etching into the tag by the ink is made possible by the use of an advanced solvent, which also promotes quick drying. For added convenience, the tag is packaged with both a fine and broad tip.
Each $6.25

Mor-Mark Jr. Marking Pen
Fine point pen for marking smaller tags.
Each $4.75

Promark Marking Fluid
A premium sheep branding fluid for long lasting identification of sheep & lambs.
• Long lasting, remains visible for up to 12 months while still being fully scourable
• Can be applied to both wet and dry fleeces
Available colors: Red, Blue, Orange, Purple, Green, and Black
2.5 Liter $25.00
5 Liter $50.00

Marksman Sheep & Lamb Marker
7 Brilliant Colors
red, blue, green, orange, purple, yellow, and black.
Superior to any other spray paint on market.
The new spray paint from England.
400 ml Aerosol Each $11.25

Morse Applicator Pins
Each $3.50

Mor-Mark Jr. Marking Pen
Fine point pen for marking smaller tags.
Each $4.75

Allflex Marking Pens
The pen contains an ink formulation that allows the ink to penetrate into the eartag, without the “feathering” that would make the tag difficult to read. This deep etching into the tag by the ink is made possible by the use of an advanced solvent, which also promotes quick drying. For added convenience, the tag is packaged with both a fine and broad tip.
Each $6.25

Standard Paint Brands
• Lightweight, rust-proof aluminum.
• 9" long wire-formed handle.
• Available in two sizes: 2½" numbers only and 4" numbers and letters.
Set Numbers 0-8
2½" $65.00
4" $67.00

Paint Sticks
For long-time marking.
Black, Blue, Green, Red, Orange, Pink, Purple.
Each $1.00
Dozen $11.00

Swipe & Mark
Worn on your wrist.
Allows full use of hands while treating animals
Uses Net-Tex Marking Harness Crayons
Colors: Orange, Red, Blue, Green, Black, Yellow.
Each $12.00 with crayon
Extra Crayon $4.50 each

Ultra Paint Stick Holder
Each $7.00

Twist Up Marker
• Twist action base allows wax to be moved up and down
• Resealing cap prevents accidental marks
• 6 colors: red, blue, green, orange, black, yellow
• Boxed in 10’s (While supplies last)
Each $1.25
Box $10.80
**Small Animal Tattoo Outfit**
Same size plier as Stone's Standard model, but holds 5 smaller digits.
• Holds five 5/16” digits.
• Favored by sheep producers.
• Strong aluminum alloy body.
• Positive ear release lifts ear off needles, prevents scratched tattoos.
• Unique design prevents digits being inserted upside down.
• Outfit includes plier, set of 5/16” digits 0-9, and 3 oz. ink jar.

Product #2745–Tattoo Outfit, WITH positive ear release $57.00*

**Revolving Head Tattoo Outfit**
Double-sided, adds versatility and trims hours off large jobs.
• Revolving head holds 2 tattoos with up to 4-digits each.
• Your farm or registration number on one side, animal number opposite.
• Made of tough aluminum alloy.
• Available WITH or WITHOUT positive ear release that lifts needles, prevents scratched tattoos.
• Outfit includes plier, set of 3/8” digits 0-9 and 3 oz. ink jar.

Product # 2630 – Tattoo Outfit, WITH positive ear release $75.00*

**Standard 3/8” Tattoo Outfit**
Stone's most popular model holds four 3/8” digits.
• Positive ear release lifts ear off needles, prevents scratched tattoos.
• Strong, lightweight aluminum alloy pliers.
• Easy change digits can’t be inserted upside down.
• Outfit includes plier, set of 3/8” digits 0-9 and 3 oz. jar of ink.

Product # 2515 – Tattoo Outfit, WITH positive ear release $57.00*

**Provet-500 Tattoo Plier**
Compound action tattoo plier – a hard-working tool for hard-working hands.
• Holds up to 5 standard 3/8” digits.
• Designed especially for veterinarians and herdsmen who work hundreds of animals per day.
• Easy action reduces forearm strain and fatigue.
• Unbeatable quality, design, performance.
• Digit retainer clip can be used as flip-up or lock-down.
• Outfit includes plier, set of 3/8” digits 0-9 and 3 oz. jar of ink.

Product # 3210 – ProVet-500 Tattoo Outfit $105.00*

**Ear-Notching Equipment**

**Digits (3/8" & 5/16")**

Extra Digits for Above $2.50 Each
Set 0-9 $18.50*
Extra Letters A-Z $2.50 Each
Set $47.00*

**Tattoo Letters/Year**

<table>
<thead>
<tr>
<th>ADGA</th>
<th>2015 - F</th>
<th>ABGA</th>
<th>2015 - E</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016 - G</td>
<td>2016 - F</td>
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<tr>
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<td>2017 - G</td>
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<td>2018 - I</td>
<td>2018 - H</td>
<td></td>
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</tr>
<tr>
<td>2019 - J</td>
<td>2019 - I</td>
<td></td>
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</table>

**Tattoo Tips**
Right Ear-Farm letters
Left Ear-Year letter plus identification number

Procedure:
• Clean ear with alcohol
• Puncture ear with tattoo pliers on the inside of the ear being careful to avoid any ear rib cartilage.
• Put ink on tattoo and rub into puncture holes.

**Tattoo Ink**

<table>
<thead>
<tr>
<th>Ink Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tattoo Ink Black</td>
<td>$7.00</td>
</tr>
<tr>
<td>Tattoo Paste Black</td>
<td>$7.00</td>
</tr>
<tr>
<td>Tattoo Paste Green</td>
<td>$7.00</td>
</tr>
</tbody>
</table>

**Roll On Tattoo Ink**

<table>
<thead>
<tr>
<th>Ink Type</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz. Black</td>
<td>$7.00</td>
</tr>
<tr>
<td>2 oz. Green</td>
<td>$7.00</td>
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</tbody>
</table>

**Tally Counter**
4 Digit durable Tally Counter-counts up to 9,999.
Makes checking flocks or counting bales, sacks, etc., child's play. Simple zeroing mechanism. Handy pocket size or can be tied to a lanyard with the ring attached.

Each $9.00
Babyfleece
100% Natural Lambskin
Approx. Size 20” x 34”
* 24 hour comforter for baby in the stroller, carseat, bassinet, crib, playpen, or on the floor
* Perfect all year round
* Softly rounded wool fibres calm and soothe babies
* Babies are more content and sleep soundly for longer periods, leaving more time for mom
* Sanitized for long lasting freshness
* Allergy free and non-toxic to babies
* Easycare-Just machine wash and dry
Each $82.00

Pelt Brush
This easy to use curved brush brings new life to matted pelts. Ideal for detangling fibers after washing.
Each $6.00

Medical Pelts
These dense wool sheepskins are ideal for invalids and wheelchair users. Washable.
Approx. 32” x 42” $110.00

Lambswool Dusters
10” Duster $8.00
18” Duster $11.00
24” Duster $12.00
36” Duster $13.00
Seat Belt Covers $13.00

Sheep Pelts
Approx. 36” x 48” $110.00
**Storey's Barn Guide to Sheep**
The handy new hang-it-on-the-barn wall reference for novice and experienced sheep farmers. Step-by-step illustrations visually explain all basic sheep procedures.

$29.95

**Sid Book**

Each $95.00

**Storey's Guide to Raising Sheep**
Storey's Guide to Raising Sheep has earned the praise and trust of sheep farmers around the world with its in-depth, expert coverage of breed selection, lambing, feeding, housing, pasture maintenance, disease prevention and treatment, and more. New and expanded features in this fourth edition include guidelines for organic certification, advice on web-based marketing and networking, and coverage of rare breeds.

$19.95

**THE FLEECE & FIBER SOURCEBOOK**
by Deborah Robson & Carol Ekarius
This one-of-a-kind photographic encyclopedia features more than 200 animals and the fibers they produce. It covers almost every sheep breed in the world – from the longwool breeds of the UK to the Tasmanian merino, the Navajo churro, and more. Each entry includes photographs of the featured animal; samples of its raw fleece, its cleaned fleece, and yarn spun from the fleece; and samples of the yarn knit and woven. This is the essential reference no fiber lover can be without. Full-color; photographs and illustrations throughout, 448 pages; 8-1/4 x 10

$35.00

**From the Feed Trough by Dr. Woody Lane**
Woody Lane has just released his first book: From The Feed Trough – Essays and Insights on Livestock Nutrition in a Complex World. This is a highly-readable and informative book, a must-have for anyone involved in livestock nutrition and a captivating read for anyone with even a passing interest in animals and agriculture. There is no other book quite like it. Based on articles first published in The Shepherd magazine, this book is a collection of eighty-nine essays on diverse aspects of nutrition. It is filled with interesting and unique perspectives that are generally absent from textbooks and popular magazines. These essays highlight a wide range of nutritional subjects, from basic principles like energy and protein to the practical aspects of raising sheep and cattle to downright enjoyable stories. Woody writes with a no-nonsense approach to information and concepts. He has a knack for describing things in an easy and understandable way. There are chapters on sheep, beef cattle, horses, and even humans. This book is also an ideal companion to college and agriculture school textbooks. With its light and entertaining tone, From the Feed Trough guides readers through the underlying biochemistry of nutrition as well as the colorful background stories behind each principle.

$28.00

**Bronze Bells**
A beautifully musically toned bell. Copied from original Swiss bells. An instant hit with anyone who hears or sees them. Flared, round shape. Heavy casting.

No. 0 $15.00
No. 2 $18.75

**Long Distance Bells**

#8 2” x 1-1/2” $4.25
#9 2-5/8” x 1-1/2” $5.50
#10 3” x 2-1/4” $6.25

**28” Bell Straps**
Each $6.00

**Dog Training Whistles**
Each $2.00

**Wool Wax Creme**
A specially formulated hand creme that ranks towards the top of all hand cremes on the market today. Terrific for rough or chapped hands and split fingers.

9 oz. Jar $7.50
2 oz. Size $3.00
Doz. (9 oz.) $69.00
New 4 oz. scented $5.50
Available in Huckleberry

**Eucalan**
Eucalyptus Delicate Wash is Eucalan’s original scent. First introduced in 1989, it is scented using essential oil of eucalyptus. Eucalyptus oil is a natural moth and flea inhibitor, so use Eucalan Eucalyptus regularly on woolens and particularly before storing them for the season. The lanolin enriched formula helps to naturally condition fibres and keep static away. Use on all your delicates like sweaters, lingerie, hosiery, comforters, down jackets, bathing suits, and baby items. This fresh, clean scent is an excellent unisex choice.

3.3 oz. (approx 20 hand washes) $6.00
16.9 oz. (approx 95 hand washes or 33 machine washes) $13.50
BREEDING SUPPLIES

Pedigree Breeding Harness
Specially designed for goats with extra padding.
Each $26.25

Net-Tex Breeding Harness
Choice of Three Harnesses
• Heavy duty nylon with anti-chafe pad.
• Heavy duty cotton web with anti-chafe pad.
• Top Quality Leather.
Nylon and cotton web harnesses are equipped with snap buckles. This method of fastening will not slip and is easily adjusted. The anti-chafe pads provide extra comfort to the buck.

Harnesses
Leather Harness Without Crayon $36.00
Nylon Harness Without Crayon $23.75
Cotton Web Harness Without Crayon $27.00

Ram Blinders
Helps to reduce fighting and butting of rams: Made from high quality leather. Animal cannot see forward, only from side.
Available in 4 sizes: Small and large polled; small and large horned. Please state size needed.
Price Each $18.00
**Marking Harness Crayons**

Sure-Sired Crayons are available in six colors and three climatic compounds. Developed to deal with all climatic conditions, and with a greater life to mark more ewes per block (as much as 45%).

- **Colors:** Red, Green, Blue, Orange, Black or Yellow

<table>
<thead>
<tr>
<th>Crayon Each</th>
<th>$4.50</th>
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<tbody>
<tr>
<td>Crayons (10 or more) Each</td>
<td>$4.25</td>
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**Flockmaster Marking Fluid**

Five colors: red, blue, green, orange and black. Developed specifically for sheep. Remains strong regardless of weather conditions. Scours out of wool. Works well as marking fluid on rams at breeding.

| 2.5 Liter | $20.00 |

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**Preg-Tone™ Pregnancy Tester**

An electric low cost solution for early pregnancy detection in small and med sized mammals. Uses ordinary high frequency sound waves, called ultra-sound, to detect the presence of amniotic fluid. Testing can take less than a minute.

- Examples include all sizes and varieties of pigs, goats, alpacas, sheep, & llamas.
- Economical to purchase, use and maintain.
- Very high accuracy at 30-40 days gestation. Testing can begin at 18 days in many cases.
- Easy to learn to use.
- Compact, durable and weighs only a few ounces.
- Nickel metal hydride rechargeable battery.
- Two-year limited U.S. warranty

| Price Each | $550.00* |

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**P.G. 600**

One vial containing white freeze-dried powder, and one vial containing sterile diluent. When reconstituted, the five dose vial (25 mL) of P.G. 600 contains: SERUM GONADOTROPIN (PMSG) 2000IU, CHRIONIC GONADOTROPIN (HCG)1000 IU

| 5 Dose Vial (check availability) | $47.50 |

---

**Eazi-Breed™ Cidr**

PROGESTERONE SHEEP INSERT

Supplied: 20 Eazi-Breed Cidr Sheep Inserts/pkg Each Eazi-Breed Cidr insert contains 0.3 gm of progesterone in molded silicone over a flexible nylon spine. Nylon tail attached for easy removal.

**Directions:**
- Administer one Eazi-Breed Cidr per ewe for 5 days.
- After insert removal, use standard flock breeding procedures.

| Pkg of 20 inserts | $99.95 |
| Applicator | $7.95 |

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**Flockmaster Marking Fluid**

Five colors: red, blue, green, orange and black. Developed specifically for sheep. Remains strong regardless of weather conditions. Scours out of wool. Works well as marking fluid on rams at breeding.

| 2.5 Liter | $20.00 |
Due to state laws, residents of New York and Rhode Island must hold a certificate of need or furnish a letter from a vet. in order to purchase syringes and needles.

**Supply Order Blanks**

Name ____________________________________________________________

Discover/MC/Visa No. ____________________________

Street ____________________________________________________________

Expiration Date ____________________________

City ____________________________  State __________  Zip Code __________

Cash ☐ Check ☐ Money Order ☐

Phone No. ___________________________________________

*If rural route, please give us your phone number. This will help speed delivery*

<table>
<thead>
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<th>Quantity</th>
<th>Description</th>
<th>Weight</th>
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**NOTICE**

$2.00 Handling charge on orders under $10.00
Postage not included

Total For Goods ____________________________

Tax ____________________________

Postage Transportation ____________________________

Total Amount ____________________________

Due to state laws, residents of New York and Rhode Island must hold a certificate of need or furnish a letter from a vet. in order to purchase syringes and needles.
ORDERING INSTRUCTIONS

Phone orders we accept Master Card, Visa or Discover. Please have available when ordering your credit card number and expiration date. On mail orders include card number, expiration date and your phone number.

For shipping instructions please have complete road name and number.

All special order items such as ear tags etc. Which have been special made are non returnable.

All returns must be authorized by branch supply managers before returning.

We are not responsible for damaged items not reported to carrier. Please make all damage claims within 15 days from shipping date.

All items within this catalog are subject to price changes without notice. Back-ordered items not previously billed will be billed at new cost.

Return check fee $20.00 Restocking charge on returns 10%.

Please call for freight charges if mailing order.

RETURNS & EXCHANGES

1. Call us for a return authorization number so we can ensure that you receive proper credit when your item(s) reaches us.
2. Send a copy of your invoice.
3. Wrap securely and send the item(s) to us by UPS, FedEx, or insured parcel post. Address to:
   Mid States Wool Growers
   9449 Basil Western Rd NW
   Canal Winchester, OH 43110
4. Indicate if you would prefer: exchange, credit on charge card, or credit on account. (Note: Shipping charges are not refundable. Cost of return shipping to Mid States Wool Growers is your responsibility).
5. If an item is returned within 30 days in new, sellable condition, there will be no restocking fee; if not in sellable condition, a 15% restocking fee will be deducted from the refund. If returned after 30 days, all items will have a minimum 15% restocking fee deducted from the refund.
6. If a shipment is refused from the delivery service, the shipping charges back to Mid-States Wool Growers will be deducted from the refund amount of the product.
7. Note: No return of obsolete, closeouts or special orders (includes special order items like ear tags).

SHIPPING INFORMATION

Free Ground Delivery for qualified shipments over $100.
• All qualified shipments placed within the Contiguous (lower 48) United States over $100, will be sent free via a ground service unless an express service is selected. Shipments sent via ground service should arrive within 2-7 business days depending on location. (A shipment is one single address.)
• For all shipments under $100 that are sent via a ground service, the rates will be calculated during checkout based on your location and the weight and dimensions of the order.
• Mid-States reserves the right to deliver qualifying shipments via our choice of carrier.
• A few large, bulky or oversize items will have an additional handling fee stated within the product’s description. This fee will be applied to the total freight amount at checkout.
• Shipments that move via a commercial truck (LTL) will be charged based on your location and the weight and dimension of the order. Please call for a quote.

Orders that DO NOT qualify for free ground delivery:
Orders under $100
Orders sent outside the Contiguous United States.
Orders that require sending via commercial carrier (LTL truck equipment)
Express Deliveries (1-Day, 2-Day, 3-Day).
Orders containing vaccines or cold products. These items are packed with ice packs and ship via an Air Service. **Vaccines and cold products cannot be combined with other items in order to qualify for FREE ground shipping.**

Situations in which you should call us for a shipping quote:
When ordering oversized items or orders over 100 pounds.
For orders outside the USA.
Excise duties and/or excise taxes may be imposed by foreign agencies on orders shipped from the USA. All customs fees and import duties are payable by the recipient.

Express Shipping
• Orders must be received before 12 pm (ET), otherwise shipments will be processed the next day.
• Friday orders received after 12 pm (ET), plus Saturday and Sunday orders will not be processed until the following Monday.
• Upcharge items (those with extra handling fees) are not eligible for express shipping.

Note: The day an order is shipped cannot be considered an “in transit” day. All delivery times exclude holidays and weekends.

Please call us at 800-841-9665 if you have questions. (614-834-2006 Local)
MID STATES WOOL
GROWERS CO-OP. ASS’N.
9449 Basil-Western Rd. NW
Canal Winchester, Ohio 43110