

Product Catalog

Animal Safety Division

Third Edition



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Neogen Locations

Lansing, Michigan. Neogen's facilities in Lansing are home to the company's corporate offices, as well as its Food Safety Division operations, including food safety manufacturing, shipping, research, development, sales and marketing.

Lexington, Kentucky. Neogen's Lexington-based Animal Safety Division manufactures and markets diagnostic products, agrigenomics, veterinary instruments, gloves, hoof care products; veterinary pharmaceuticals, nutritional supplements, disinfectants, and rodenticides.

Lincoln, Nebraska. GeneSeek®. Neogen's facilities in Lincoln are home to the company's agrigenomics operations, including its GeneSeek subsidiary, which is the leading agricultural genomics laboratory in the world, and Igenity, a leading provider of genomic bioinformatics.

Guelph, Ontario, Canada. Neogen Canada. The company's Neogen Canadian subsidiary serves as the Canadian branch of its GeneSeek operations.

Randolph, Wisconsin. Hacco. Neogen's Hacco subsidiary in Randolph is home to the company's research and development, and EPA-licensed manufacturing operations, for rodenticides and cleaners and disinfectants.

St. Joseph, Michigan. IDS. Neogen's IDS subsidiary in St. Joseph is home to the company's research and development operations for test kits to detect drug residues in food and animal feed, and drugs in forensic and animal samples.

Pleasantville, Iowa. Chem-Tech. Neogen's Chem-Tech subsidiary is a manufacturer of insecticides for the animal and food industries, and operates an extensive manufacturing and distribution facility in Pleasantville.

Kenansville, North Carolina. Prima Tech®. Neogen's Prima Tech subsidiary is a veterinary instrument company manufacturing operation that is an important supplier of unique veterinary instruments.

Ayr, Scotland. Neogen Europe. Neogen's Scotland-based Neogen Europe subsidiary continues to make inroads into the European Union food safety testing market through the distribution of U.S.-produced products, as well as its own expanding line of diagnostics.

Heywood, England. Lab M. Neogen's Lab M subsidiary is headquartered in an accredited facility in Heywood, near Manchester. Lab M was founded in 1971, and has grown into a leading provider of microbial testing and diagnostic products for the global food, water, industrial and clinical testing markets.

Shanghai, China. Neogen China. The company's Neogen China subsidiary presence provides in-country support for its expanding food safety market, and assists in the manufacturing, and procurement of certain products and raw materials needed to support Neogen's Food and Animal Safety operations.

Cochin, India. Neogen India. The company's Neogen India subsidiary distributes the company's food and animal safety products throughout India.

Mexico City, Mexico. Neogen Latinoamérica. Neogen's subsidiary in Mexico City, Neogen Latinoamérica, distributes the company's food and animal safety products throughout Mexico and Latin America.

Indaiatuba, Brazil. Neogen do Brasil. Neogen's subsidiary in Brazil, Neogen do Brasil (Neogen of Brazil) distributes Neogen's food safety and agrigenomic products throughout that country.



Neogen Corporation develops, manufactures, and markets animal and food safety solutions. Neogen (NASDAQ: NEOG), founded in 1982, has grown to over 1,000 employees in multiple U.S. and international locations. Neogen has been repeatedly named one of Forbes Magazine's best small companies in America, and is in NASDAQ's top tier of companies—its Global Select Market. For more about Neogen, please visit www.neogen.com.

Animal Safety

Neogen's Lexington, Ky.-based Animal Safety Division manufactures and markets veterinary pharmaceuticals, vaccines, topicals, diagnostic tests, instruments, rodenticides, insecticides, disinfectants, and genomic solutions.

Neogen's products include:

- **Veterinary Performance and Companion Animal Products.** Neogen's biological line includes BOTVAX® B, the only USDA-approved vaccine against equine botulism type B; EqStim®, an effective USDA-approved immunostimulant for adjunctive treatment of equine respiratory disease complex; and UNIPRIM®, a popular veterinary antibiotic.
- **Veterinary Instruments and Supplies.** Neogen offers affordable precision veterinary instruments and supplies. Neogen's extensive line of durable and disposable instruments is convenient and dependable. We offer products from needles and syringes, to breeding and delivery.
- **Rodent Control Products.** Neogen's proven rodenticides are used for control of rodents and complement its disinfectants as a critical component of an overall biosecurity program. Rodents compromise the quantity and quality of food and feed, and spread disease.
- **Insect Control Products.** Neogen's Prozap Insect Control products include well-known and proven insecticides that have a range of applications in the food and animal safety industries. Neogen's Catchmaster products offer non-toxic options for the home and farm.
- **Cleaners and Disinfectants.** Animal facilities, from companion animal veterinary clinics to production livestock operations, benefit from Neogen's diverse range of cleaners and disinfectants. Neogen also offers step-by-step procedures to clean then disinfect numerous surface types of organic matter, biofilms and serum content. These products have broad germicidal capabilities to remove infectious agents, such as avian influenza.
- **Livestock and Canine Genomics.** Neogen's GeneSeek® and Igenity® subsidiaries are leading global providers of DNA testing and bioinformatics for animal agribusiness and veterinary medicine. With complementary applications, GeneSeek and Igenity provide everything from research and development to final implementation of molecular solutions for applications such as genetic improvement, disease management and identity management.
- **Diagnostic Products.** Neogen's tests detect more than 100 different drugs that may be considered drugs of abuse in racing and eventing animals, and residues in food animals.

Food Safety

The company's Food Safety Division markets dehydrated culture media and diagnostic test kits to detect foodborne bacteria, natural toxins, food allergens, drug residues, plant diseases and sanitation concerns. For more about Neogen's Food Safety Division, please visit www.neogen.com.

Animal Health Products



Essentials for veterinary clinics, ranches and farms, these are the liquid products you use every day or need on hand for emergencies. Neogen understands animal health and has assembled a nearly complete line of veterinary practice lubricants and liquids of the highest quality for your animal health care needs.

A DMSO *Dimethyl Sulfoxide*

DMSO is used as an anti-inflammatory, an osmotic diuretic and a solvent. DMSO readily penetrates all body tissues including intact skin.

Item No.	Description	Case Ct.
08824	DMSO 90% 16oz	12
08825	DMSO 90% 1gal	4
08826	DMSO 99% 16oz	12
08827	DMSO 99% 1gal	4
08832	DMSO Gel 16oz	12
08833	DMSO Gel 4oz	12



B Isopropyl Alcohol 70% *Topical Antiseptic*

Isopropyl Alcohol 70% is for external use only as a topical antiseptic and disinfectant.

Item No.	Description	Case Ct.
79200	Isopropyl Alcohol 70% 1gal	4
79201	Isopropyl Alcohol 70% 32oz	12



C PolyLube® *Concentrated Powder Lubricant*

PolyLube is a non-sterile, concentrated powder lubricant for obstetrical activities on horses and cattle.

Item No.	Description	Case Ct.
PL114	PolyLube 10oz	12



D General Lube *Non-Sterile Lubricating Jelly*

General Lube is a non-sterile, non-spermicidal viscous lubricant for use during obstetrical and rectal exams.

Item No.	Description	Case Ct.
79212	General Lube 8oz	12



E Formalin 10%

For use as a tissue fixative for pathologic specimens or as a preservative.

Active: Formaldehyde

Use: Tissue fixative or preservative

Activity: Reagent

Application: Immersion or spraying

Item No.	Description	Case Ct.
09122	Formalin 10% 1 gal	4



Premium OB Sleeves—EquiSleeve® and MaxiSleeve®

EquiSleeve® and MaxiSleeve® (page 60)

- Made of blended copolymer film for added strength at a lower thickness
- High in EVA (ethylene vinyl acetate) content to increase sensitivity, softness and stretching ability
- High in virgin material for added strength
- Cut with aluminum dies resulting in smoother and stronger seams

See pages 57-63 for Neogen's full line of Protective Wear.



Oral Supplements

Neogen's Ideal® Animal Health brand offers a wide range of oral supplements for companion animals, equine, livestock and poultry. Neogen's high quality nutritional additives, therapeutic treatments and recovery supplements provide you with the solutions to promote optimum animal health that is effective and economical.



A



A Iron Plus

Iron-Cobalt-Copper Supplement

Iron Plus is an iron, cobalt and copper supplement to treat and prevent anemia in horses, dogs, cattle and swine.

Item No.	Description	Case Ct.
79134	Iron Plus 1gal	4

B Kaolin Pectin

Anti-diarrheal Solution

Kaolin Pectin is for oral administration as an aid in the treatment of non-infectious diarrhea in horses, cattle, dogs and cats.

Item No.	Description	Case Ct.
79219	Kaolin Pectin 1gal	4
79220	Kaolin Pectin 32oz	12



C



C Milk of Magnesia

Antacid

For the relief of gastric reflux, sour stomach, acid indigestion, and mild constipation in dogs and horses.

Item No.	Description	Case Ct.
79135	Milk of Magnesia 1gal	4



D



E

D Mineral Oil Light

Lubricating Laxative

Mineral Oil Light is used as a mild laxative and intestinal lubricant in horses.

Item No.	Description	Case Ct.
08848	Mineral Oil Light 1gal	4

E Propylene Glycol, USP

Ketosis Preventive

Propylene Glycol, USP is for use as an aid in prevention and treatment of Ketosis (acetonemia) in cattle.

Item No.	Description	Case Ct.
79231	Propylene Glycol USP 1gal	4

Stress-Dex®

Refresh. Replenish. Restore.

**The perfect electrolyte blend
to maximize performance.**

See Page 7.



F Stress-Dex®*Oral Electrolyte Powder*

Stress-Dex is an oral electrolyte powder used as a supplemental source of calcium, phosphorus, salt and potassium in horses and dogs with a palatable orange flavor.

Item No.	Description	Case Ct.
79174	Stress-Dex 4lb	4
79176	Stress-Dex 12lb	2
79177	Stress-Dex 20lb	2

**F****G Stress-Dex® Gel***Oral Electrolyte Gel*

Stress-Dex Gel is an oral electrolyte gel for use as a supplemental source of calcium, phosphorus, salt and potassium in horses. Ideal for preventing dehydration before and after exercise with a palatable orange flavor.

Item No.	Description	Case Ct.
79182	Stress Dex Gel 60cc Tube	12

**G****H Vi-tal***Water-dispersible Supplement*

Vi-tal is a water-dispersible supplement of essential vitamins, electrolytes and trace minerals to aid in growth and productivity, stimulate water consumption and maintain balance of body fluids in swine and poultry.

Item No.	Description	Case Ct.
148178*	Vi-tal 6oz Pouch (36 Pouches/Display Box)	36
148179	Vi-tal Pail (50x6oz Pouches / Pail)	2

*Sold only in quantities of 36

**H****Udder Creams and Balms**

The sensitive skin on the udder is exposed to environmental changes, including moisture and changing temperatures. Because of this the skin can easily become dry, chapped and sore. Cracks and chaffing can harbor bacteria, decreasing parlor hygiene effectiveness and possibly increasing the chances of mastitis. Neogen's udder care products provide soothing, moisturizing and healing properties of natural mint oils, aloe, lanolin and Vitamin E for cow health and comfort.

I CAI-PAN®mint*Topical Udder Cream*

CAI-PANmint is a natural herbal product to be used as an aid in moisturizing and softening the skin of udders in dairy cattle and goats.

Item No.	Description	Case Ct.
TA1886	CAI-PANmint 400mL Hanging Tube	30
TA1887	CAI-PANmint 2.5L w/ Dispenser	6

**I****J Udder Balm***Topical Udder Cream*

Udder Balm aids in protection against the effects of extreme weather conditions. Daily application of Udder Balm aids in soothing and softening chapped and irritated skin. Udder Balm is recommended for use on teats, udders, and other skin areas that are exposed to frequent washing and temperature changes.

Item No.	Description	Case Ct.
79247	Udder Balm 4oz Tube	12
79248	Udder Balm 1lb	12

**J**

Wound Care

From simple scratches and lacerations to deep abscesses and surgical incisions, wounds are inevitable with animals. Providing timely and proper wound care is essential for quick recovery. Neogen provides a complete line of wound care products for animals for easy and proper wound maintenance. Neogen's products include topical antiseptics, FDA approved antibacterial ointments, coagulants and aluminum spray bandages. To keep dressings in place and wounds clean, Neogen has a complete line of cohesive wraps that can be found on page 11 and 12.



A AluShield™

Aerosol Bandage

AluShield is a unique aerosol bandage that protects wounds from dirt, debris, bacteria and insects, while still allowing the wound to breathe. AluShield is for use on horses, sheep and cattle. Contains aluminum powder, 40%.

Item No.	Description	Case Ct.
79100C	AluShield 75g Can	12

B Blood Stop Powder

Coagulant for Minor Cuts

Blood Stop Powder is for use as an aid in control of capillary bleeding from minor cuts and wounds in horses, cattle and sheep. May also be used on dogs and cats when clipping nails or claws.

Item No.	Description	Case Ct.
79204	Blood Stop Powder 16oz	12

C Drawing Salve

Grooming Aid

Drawing Salve is for use on hooves, nails and skin of horses and dogs.

Item No.	Description	Case Ct.
79105	Drawing Salve 14oz	12

D FURA-ZONE®

0.2% Nitrofurazone

FURA-ZONE is for the prevention or treatment of surface bacterial infections of wounds, burns, and cutaneous ulcers in horses. May also be used as a sweat. NADA 132-427, Approved by FDA

Item No.	Description	Case Ct.
79103	FURA-ZONE Ointment 1lb	12

E Gentle Iodine Wound Spray

Topical Antiseptic

Gentle Iodine Wound Spray is a topical antiseptic of 1% titratable iodine for use on horses, cattle and swine. May be used prior to surgical procedures such as castrating and tail docking, for application to the umbilical stump (navel) of newborn animals, and for minor cuts, teat sores, bruises and abrasions.

Item No.	Description	Case Ct.
79214	Gentle Iodine Wound Spray 1% 16oz	12
79215	Gentle Iodine Wound Spray 1% 1gal	4

Cohesive Bandages

Available in:

- 4" and 2"
- Various Colors

See Page 11



F NFZ™ Puffer*0.2% Nitrofurazone*

NFZ Puffer is for treatment of eye and ear infections, as well as surface wounds, minor cuts and abrasions in dogs and cats. NADA 11-154, Approved by FDA

Item No.	Description	Case Ct.
142674	NFZ Puffer 1.59oz	12

**F****G NFZ™ Wound Dressing***0.2% Nitrofurazone*

NFZ Wound Dressing is a water-soluble antibacterial ointment for the prevention or treatment of surface wounds, burns, and cutaneous ulcers in horses, dogs and cats. Contains 0.2% nitrofurazone in a water-soluble base. NADA 140-851, Approved by FDA

Item No.	Description	Case Ct.
144995	NFZ Wound Dressing 16oz	12

**G****H Scarlet Oil***Wound Dressing*

Scarlet Oil is used to treat simple wounds, cuts and abrasions on horses and mules.

Item No.	Description	Case Ct.
79239	Scarlet Oil 16oz	12

**H****I Topical Fungicide***Benzalkonium Chloride*

Topical Fungicide is a topical antiseptic for use on cattle, sheep and goats as an aid in the control of foot rot. May be used on horses, dogs and cats as an aid in the control of girth itch (ringworm) and other fungal skin problems. May also provide soothing relief for summer itch (sweet itch).

Item No.	Description	Case Ct.
79209	Topical Fungicide 16oz	12

**I**

AluShield™

The Water Resistant Spray On Bandage!

Why use AluShield Aerosol Bandage:

- No Sulfa or Antibiotics
- No Residues
- Fast and Easy Spray Application
- Allows the Wound To Breathe
- Reduces Risk of Infection

Excellent for:

- Dehorning
- Castrating
- Tail Docking
- Summer Sores
- Cuts and Scrapes
- Superficial Wounds

See Page 8

79100C

Surgical & White Goods



Neogen offers a wide variety of bandage products designed for use by animal health professionals. From gauze to cohesive bandages, we've got you covered.

A SyrFlex 2" Cohesive Bandages

Self-adhesive, maintains original shape and size. Provides consistent lightweight compression; does not tighten with wear. 8 pound tensile strength. Individually wrapped. Sold in eaches.

Item No.	Description	Case Ct.
TA3200BL-E	SyrFlex Bandage 2" Blue	36
TA3200BLK-E	SyrFlex Bandage 2" Black	36
TA3200GRN-E	SyrFlex Bandage 2" Green	36
TA3200HP-E	SyrFlex Bandage 2" Hot Pink	36
TA3200LTGRN-E	SyrFlex Bandage 2" Lt. Green	36
TA3200NAT-E	SyrFlex Bandage 2" Natural	36
TA3200OR-E	SyrFlex Bandage 2" Orange	36
TA3200PUR-E	SyrFlex Bandage 2" Purple	36
TA3200RED-E	SyrFlex Bandage 2" Red	36
TA3200WH-E	SyrFlex Bandage 2" White	36
TA3200YEL-E	SyrFlex Bandage 2" Yellow	36



A

B SyrFlex 4" Cohesive Bandages

Self-adhesive, maintains original shape and size, offers Starting Line Technology for ease of unrolling. Provides consistent lightweight compression; does not tighten with wear. 8 pound tensile strength. Individually wrapped. Sold in eaches. 18/box

Item No.	Description	Case Ct.
TA3400BL-E	SyrFlex Bandage 4" Blue 18/bx	108
TA3400BLK-E	SyrFlex Bandage 4" Black 18/bx	108
TA3400GRN-E	SyrFlex Bandage 4" Green 18/bx	108
TA3400HP-E	SyrFlex Bandage 4" Hot Pink 18/bx	108
TA3400NAT-E	SyrFlex Bandage 4" Natural 18/bx	108
TA3400OR-E	SyrFlex Bandage 4" Orange 18/bx	108
TA3400PUR-E	SyrFlex Bandage 4" Purple 18/bx	108
TA3400RED-E	SyrFlex Bandage 4" Red 18/bx	108
TA3400WH-E	SyrFlex Bandage 4" White 18/bx	108
TA3400YEL-E	SyrFlex Bandage 4" Yellow 18/bx	108
TA3400CP*	SyrFlex Bandage 4" Color Pack 18/bx	108

*Sold by box only



B

C SyrFlex 4" Cohesive Bandages with Pad

Cohesive bandage with absorbent pad is flexible and provides consistent, lightweight compression. Individually wrapped rolls. Sterile. Sold in eaches.

Item No.	Description	Case Ct.
TA3400PADBLK-E	SyrFlex Bandage 4" w/Pad Black	8



C

D Pro-Flex® 4" Cohesive Bandages

Pro-Flex cohesive wrap bandages provide quality and affordability. This product is easy to apply even in cold weather. Durable, yet lightweight with superior adhesion. Latex free. Sold in eaches

Item No.	Description	Case Ct.
PF118-B	Pro-Flex Cohesive Bandage 4" Blue	18
PF118-Y	Pro-Flex Cohesive Bandage 4" Yellow	18



D

Bandages (continued)



A

A Elastic Adhesive Tape

Stretches easily and conforms to any shape without restriction of movement. Porous, allows skin to breathe. Tearable. Center marking line for ease of evenly overlapping tape. Sold by box only.

Item No.	Description
TA3102B	Elastic Adhesive Tape 2" 6/bx
TA3103B	Elastic Adhesive Tape 3" 4/bx
TA3104B	Elastic Adhesive Tape 4" 6/bx



B

B Gauze

Individually wrapped rolls of 6 ply gauze. Sterile.

Item No.	Description	Case Ct.
TA4144	Gauze 6 Ply 3.4"x3.6yd 1/roll	96



C

C Hoof Wrap

Economical cohesive bandage for bovine applications. Sold by box only.

Item No.	Description
TA3400HW-HP	SyrFlex Hoof Wrap 4" Hot Pink 100/bx
TA3400HW-O	SyrFlex Hoof Wrap 4" Orange Hot Pink 100/bx
TA3400HW-R	SyrFlex Hoof Wrap 4" Red Hot Pink 100/bx

Disposal

Neogen offers a selection of premium products to aid in the disposal of veterinary and farm regulated waste material.

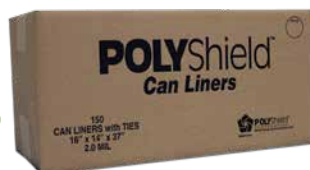


D

D Disposal Cadaver Bags

Designed for the disposal of animals and are made from black 3.0 mil polyethylene film. Packaged and sealed in a polyethylene sleeve with twist-tie closures included in each package. Large Bags (30"x50"). Small Bags (24" x 30"). Biodegradable and safe for incineration in all states.

Item No.	Description	Case Ct.
C300	Cadaver Bags L 5pk	15
C300-R	Cadaver Bags L 50/roll	1
C240	Cadaver Bags S 10pk	15
C240-R	Cadaver Bags S 50/roll	1



E

E Can Liner

For use in veterinary clinics, Polyshield can liners are gusseted trash bags made from 2.0mil brown, translucent polyethylene film. Liners measure 16" x 14" x 30" (20-30gallon size) and are available in rolls of 150 and packaged with twist-tie closures in a corrugated shipping container.

Item No.	Description	Case Ct.
PS200	POLYshield Can Liner 30G 150/roll	1

BioSentry® 904 Disinfectant

Active: Combination of four quaternary ammonium compounds
Use: Complete hatchery, veterinary and farm premise disinfectant
Activity: Broad spectrum kill of molds, bacteria, viruses and fungi (*Aspergillus fumigatus*)
Application: Spray on hard surfaces, footbaths and vehicle disinfection

See Page 97.



Neogen's line of medical and surgical supplies consists of sutures, scalpels, forceps and more. Neogen's scalpels are made in a variety of sizes and blade material, with sterile and non-sterile options available.

F Carbon Steel Disposable Scalpel

Sterile scalpels are packaged 10/box and are individually wrapped.

Item No.	Description
TA619	Carbon Steel Disposable Scalpel #10 10/box
TA623	Carbon Steel Disposable Scalpel #12 10/box
TA621	Carbon Steel Disposable Scalpel #20 10/box
TA614	Carbon Steel Disposable Scalpel #22 10/box

G Carbon Steel Scalpel Blades

Sterile blades are packaged 100/box and are individually wrapped.

Item No.	Description
SM1010	Swann-Morton Carbon Steel Scalpel Blades #10 100/box
SM1011	Swann-Morton Carbon Steel Scalpel Blades #11 100/box
SM1012	Swann-Morton Carbon Steel Scalpel Blades #12 100/box
SM1015	Swann-Morton Carbon Steel Scalpel Blades #15 100/box
SM1020	Swann-Morton Carbon Steel Scalpel Blades #20 100/box
SM1021	Swann-Morton Carbon Steel Scalpel Blades #21 100/box
SM1022	Swann-Morton Carbon Steel Scalpel Blades #22 100/box
SM1023	Swann-Morton Carbon Steel Scalpel Blades #23 100/box
TA608	Carbon Steel Scalpel Blades #10 100/box
TA611	Carbon Steel Scalpel Blades #12 100/box
TA604	Carbon Steel Scalpel Blades #20 100/box
TA603	Carbon Steel Scalpel Blades #21 100/box
TA606	Carbon Steel Scalpel Blades #22 100/box
TA601	Carbon Steel Scalpel Blades #23 100/box
TA602	Carbon Steel Scalpel Blades #24 100/box

H Dissection Kit

Black vinyl zippered case with red velvet inner lining features 10 loops to keep instruments organized and in place. Includes: #4 scalpel blade handle (5 1/2" long), #22 scalpel blade, 6" serrated needle holder, 5" mosquito hemostat, 5 1/2" bandage scissors, 5 1/2" serrated dressing forceps, 5 1/2" bandage scissors, 5 1/2" stitch scissors, 4 1/2" iris scissors, and 5 1/2" surgical scissors.

Item No.	Description	Case Ct.
DISSECT KIT	Surgical Dissection Kit	12



Gentle Iodine Wound Spray

Topical Antiseptic Used for:

- Surgical procedures such as castrating and tail docking
- Application to the umbilical stump (navel) of newborn animals
- Minor cuts, teat sores, bruises and abrasions

See Page 8.





A Economy Carbon Steel Scalpel Blades

Economy grade, carbon steel blades in individually sealed foil packs. Sterile.

Item No.	Description
TA619S	Scalpel Disposable Economy #10 10/bx
TA623S	Scalpel Disposable Economy #12 10/bx
TA621S	Scalpel Disposable Economy #20 10/bx
TA614S	Scalpel Disposable Economy #22 10/bx
TA616S	Scalpel Disposable Economy #24 10/bx
TA608S	Scalpel Blades Economy #10 100/bx
TA611S	Scalpel Blades Economy #12 100/bx
TA603S	Scalpel Blades Economy #21 100/bx
TA606S	Scalpel Blades Economy #22 100/bx
TA602S	Scalpel Blades Economy #24 100/bx



B Ideal® Mini Scalpels

The Ideal Mini Scalpels feature surgical stainless steel blades attached to a uniquely designed, easy-to-grasp handle. Scalpels are available both sterile and non-sterile. The sterile scalpels are sealed individually in a peelable pouch. Sizes 10, 12, or 22 blade.

Item No.	Description
PN110	Scalpel Mini Non-Sterile #10 40/bx
TA641-BULK	Scalpel Mini Non-Sterile #10 40/bx
PN112	Scalpel Mini Non-Sterile #12 40/bx
TA642	Scalpel Mini Non-Sterile #12 2/pk
PN122	Scalpel Mini Non-Sterile #22 12/bx
PS110	Scalpel Mini Sterile #10 25/bx
PS112	Scalpel Mini Sterile #12 25/bx
PS122	Scalpel Mini Sterile #22 25/bx



C Scalpel Handles

Stainless steel. Can be sterilized. For blades up to size 15.

Item No.	Description	Case Ct.
TA624	Scalpel SS Handle #3 (Suitable for blades compatible with handles sized #3.) 1/pk	12
TA627	Scalpel SS Handle #4 (Suitable for blades compatible with handles sized #4.) 1/pk	12
2033	Scalpel Handle SS #3 1/pk (Suitable for blades compatible with handles sized #3.) 1/pk	12

How to properly attach and remove scalpel blade



1. Open package and slide handle towards blade.

2. Slide handle up into slot on blade.

3. Once grooves are lined up, push tip of handle down to snap blade into place.

4. Remove blade from package.

Removing blade from handle



5. To remove blade from handle, push up on the base of the blade.

6. Slide Blade forward.

7. Remove blade completely and properly dispose.

E Scalpels

Stainless Steel surgical blades. Can be used with Ideal Scalpel Handle or Ideal Castration Kit (see page 19). Sterile.

Item No.	Description
2034	Scalpels Disposable #10 5pk
2035	Scalpels Disposable #12 5pk
2031	Surgical Blades #10 Curved 10pk
2032	Scalpel Blades #12 Hooked 10pk



E

F Stainless Steel Disposable Scalpels

Sterile disposable scalpels are packaged 10/box

Item No.	Description
SM2010	Swann-Morton SS Sterile Disposable Scalpels #10 10/bx
SM2012	Swann-Morton SS Sterile Disposable Scalpels #12 10/bx
SM2020	Swann-Morton SS Sterile Disposable Scalpels #20 10/bx
SM2021	Swann-Morton SS Sterile Disposable Scalpels #21 10/bx
SM2022	Swann-Morton SS Sterile Disposable Scalpels #22 10/bx



G

F

G Stainless Steel Scalpel Blades

Sterile blades are packaged 100/box and are individually wrapped.

Item No.	Description
SM1110	Swann-Morton SS Sterile Scalpel Blades #10 100/bx
SM1111	Swann-Morton SS Sterile Scalpel Blades #11 100/bx
SM1112	Swann-Morton SS Sterile Scalpel Blades #12 100/bx
SM1115	Swann-Morton SS Sterile Scalpel Blades #15 100/bx
SM1120	Swann-Morton SS Sterile Scalpel Blades #20 100/bx
SM1121	Swann-Morton SS Sterile Scalpel Blades #21 100/bx
SM1122	Swann-Morton SS Sterile Scalpel Blades #22 100/bx



H

H Vicryl Suture

Ethicon size 2-0 coated Vicryl (violet braided) suture, 27" (70cm), with a tapered CP-1 needle, sterile, synthetic and absorbable suture. On a retail card.

Item No.	Description	Case Ct.
5020	Suture Kit	6



I

I Chromic Suture

Sterile. Single-use catgut sutures. Absorbable. 2/0 Suture Cassette 50 meter.

Item No.	Description	Case Ct.
ZA003M	Suture Chromic 2/0 Cassette 50m 3/pk	4

Complete Ideal Castrating Kit

Available in Retail Packaging on Page 19

Each Castrating Kit includes one scalpel handle and 10 sterile carbon steel blades.



Instruments



Get a handle on your herd. Neogen offers a complete line of products for efficient and safe animal guidance and handling.

A Jolt® Value 100

JOLT's Value 100 is a great prod for an economical price with the latest motor technology. It's lightweight and has an ergonomical grip for comfort and ease of use. Works under both wet and dry conditions. The Value 100 includes a 1-year electronic warranty.

Item No.	Description	Case Ct.
6932	Jolt Value 100 Stock Prod Unit	6



B Jolt® High Performance 200

JOLT's High Performance 200 has a rugged design for commercial use with a high efficiency motor, and comes with a button clip. Patented one-piece molded handle provides durability and moisture resistance. An optional rechargeable battery pack and charger are available. The High Performance 200 includes a 2-year electronic warranty.

Item No.	Description	Case Ct.
6933	JOLT Stock Prod HP 200 Handle Unit	6



C Jolt® High Performance 250 Rechargeable

JOLT's High Performance 250 comes with a high-powered and longer-lasting rechargeable battery and a button clip. Patented one-piece molded handle provides durability and moisture resistance. This unit has a rugged design for commercial use and a high efficiency motor. An advanced electronic charger is included along with a 2-year electronic warranty.

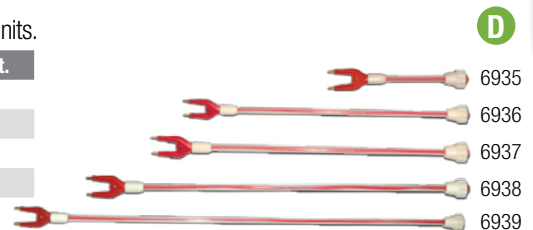
Item No.	Description	Case Ct.
6934	Jolt High Performance 250 Rechargeable Handle Unit	6



D Jolt® Electric Stock Prod Shafts

Jolt Electric Stock Prod Shafts are available in five lengths. For use with Jolt prod handle units.

Item No.	Description	Case Ct.
6935	JOLT Stock Prod Shaft 22"	6
6936	JOLT Stock Prod Shaft 32"	6
6937	JOLT Stock Prod Shaft 36"	6
6938	JOLT Stock Prod Shaft 42"	6
6939	JOLT Stock Prod Shaft 52"	6



E Jolt® Electric Stock Prod Accessories

Replacement parts for High Performance 200 and 250 model units.

Item No.	Description
6949	JOLT HP Battery Case
6942	JOLT Stock Prod Replacement Motor
9772	JOLT Stock Prod Rechargeable Battery Pack
9773	JOLT Stock Prod Rechargeable Battery Pack with Charger
6940	JOLT Stock Prod AC Charger
6941	JOLT Stock Prod Charger 12V DC



F Rechargeable Livestock Prod with 22" Shaft

With its proprietary design, this rechargeable livestock prod charges completely in 3.5 hours. The battery retains no "memory" so partial charging will not damage the battery or storage capacity. Lasts for 500 charging cycles.

Item No.	Description	Case Ct.
LPRBH22	Syrvet Rechargeable Prod with 22" Shaft	6

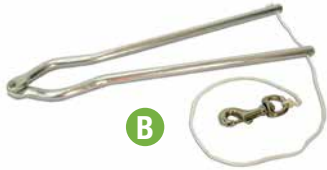


Guidance & Handling (continued)

**A Sorting Panels**

- Tough and Heavy Duty
- Lightweight
- Smooth edges
- 30" Height
- Available in 3 widths

Item No.	Description	Case Ct.
334916	Sorting Panel 30"x18" Red	5
334923	Sorting Panel 30"x36" Red	6
334930	Sorting Panel 30"x48" Red	4

**B Easy Twitch**

The Easy Twitch is 14" long with a 24" nylon cord. The cord inserts through the handles and the twitch applies pressure to the animal's lips. The twitch is secured by turning the cord around the handles. A lock-snap enables the instrument to be hooked to the halter. Made of rust-proof anodized aluminum with a stainless steel rivet.

Item No.	Description	Case Ct.
7603	Easy Twitch 14"	6

**C Bull Leads**

Place lead into the animal's nostrils and close gently. Secure handles with the 13 ½" nickel-plated metal chain. Lead animal by the chain or handles.

Item No.	Description	Case Ct.
7000	Bull Lead w/o Chain	12
7001	Bull Lead w/Chain	12
TA820	Bull Lead Stainless Steel w/Chain	12
TA821	Bull Lead Stainless Steel w/o Chain	12
TA823	Bull Lead w/Spring Chrome Plated 4.4"	12

**D Bull Rings**

Ideal's 3" brass bull ring is self-piercing and durable. A long, sharp piercing point ensures a clean cut. Locks in place with a break-off screw.

Item No.	Description	Case Ct.
7002	Bull Ring 3"	12
TA890	Bull Ring 5/16"x3" Medium	12
TA891	Bull Ring 5/16"x2.5" Small	12
TA892	Bull Ring 3/8"x3" Medium	12
TA893	Bull Ring 3/8"x3.5" Large	12

**E Hog Catchers**

Designed for easy catching and holding of pigs and hogs. Catchers are self-locking.

Item No.	Description	Case Ct.
7012	Hog Holder w/Safety Lock	6
TA819	Hog Catcher White	6
TA824	Hog Catcher Mini	6
TA829	Hog Catcher	6

**F Cow Hobbles**

Top-Quality, strong, and washable cow hobbles are made with leather-backed nylon. Adjustment holes on each leg loop allow you to adjust the loops for a secure fit. The belt between the leg loops can be shortened or lengthened and has seven adjustment holes.

Item No.	Description	Case Ct.
TA2037	Cow Hobble Adj.	6

Neogen's line of castration and docking instruments are designed to help producers and veterinarians handle animals safely and easily. We offer a variety of castration tools for your preferred method with everything from elastrators and bands, to bloodless castrators and emasculators. We also offer scalpel blades and handles in our castration kits for those who prefer surgical castration methods. Our docking instruments include banding and mechanical including electric tail dockers and pig tail dockers.

G Castrator Bands

Latex Castrating Bands - pack of 100

Item No.	Description	Case Ct.
2007	Castrating Bands 100pk	25

H Economy Band Castrator

Ideal's durable Economy Band Castrator was designed for the cost-conscious producer.

Item No.	Description	Case Ct.
2008	Band Castrating Pliers Plastic	12
TA131	Band Castrating Pliers Metal	12

I Premium Band Castrator

This easy-to-use instrument was designed for the one-person operation of castrating lambs, calves, goats and other animals quickly and easily. It may also be used for docking and prolapses.

Item No.	Description	Case Ct.
2005	Premium Band Castrating Pliers	12

J Burdizzo Type Emasculator

Burdizzo type emasculators made of high quality forged steel. The safest, quickest, and cleanest way to castrate all ages of farm stock. These crush the testicular cord without breaking the skin.

Item No.	Description	Case Ct.
TA880	Emasculator Burdizzo Type 9"	6
TA881	Emasculator Burdizzo Type 14"	6
TA882	Emasculator Burdizzo Type 16"	6
TA883	Emasculator Burdizzo Type 19"	6

K Castrating Kit

Each Castrating Kit includes one scalpel handle and 10 carbon steel blades.

Item No.	Description	Case Ct.
TA625	Castrating Kit #10 - 10 blades	12
TA626	Castrating Kit #12 - 10 blades	12
2030	Castration Kit - #10 -three blades, #12 - three blades	6

L Castrating Knife

Ideal's Heavy-Duty Castrating Knife has a high quality 3" stainless steel handle with a straight knife and folding hoe.

Item No.	Description	Case Ct.
2014	Castrating Knife Heavy-Duty	6

M Newberry Castrator

Crafted of stainless steel with 2" blade. A safe and easy way to incise the scrotum. Exposes both testicles for easier removal. Form-fitting handle

Item No.	Description	Case Ct.
TA152	Newberry Knife Castrating	6

N Whites-Style Emasculators

These double-crush emasculators crush the cord and blood vessels and then follow with a sharp cut, reducing post-op bleeding and infection. Removable wing nut simplifies disassembly for cleaning and serves as an adjustment for tightening or approximating the blades. Made of stainless steel.

Item No.	Description	Case Ct.
2020	Whites Style Stainless Steel Emasculator 9"	6
2022	Whites Style Stainless Steel Emasculator 12"	6



Castration & Docking (continued)



A Electric Tail Docker

A useful tool that cuts and cauterizes at the same time to help prevent tail biting problems. The heated blade instantly cauterizes the wound, minimizing bleeding and infection. The tripod design allows tool to stay upright while heating and between dockings. Can also be used for severing umbilical cords. 110 volts.

Item No.	Description	Case Ct.
TA990	Electric Tail Dock 110V	6



B Pig Tail Docker

Clip the toenails of dogs, cats, birds and other small animals or dock pig tails. Full-finish stainless steel.

Item No.	Description	Case Ct.
8800	Pig Tail Docker / Toenail Clipper Stainless Steel	6

Dehorning

Neogen offers a variety of solutions for safe and effective dehorning including Barnes-type dehorners, electric dehorners and dehorning paste. With multiple size options available our product range includes dehorning methods for cattle, sheep and goats.



C Barnes-Type Dehorners

Barnes-Type Dehorners are constructed with stainless steel cutting heads for smooth operation and long service. They are made from the highest grade of hardened steel used for dehorner heads. Poly-coated grips on metal handles reduce slippage and increase comfort. Cutting edges overlap to ensure a complete cut.

Item No.	Description	Case Ct.
2101	Barnes-Type Dehorners 13" w/ Metal Handles	6
2102	Barnes-Type Dehorners 17" w/ Metal Handles	6
TA630	Barnes-Type Dehorners 13" w/ Wood Handles	6



D Electric Dehorner

Decrease injury to cattle by dehorning when they are young. This is accomplished quickly and simply by placing the dehorner over the horn and rotating the dehorner to make certain the high temperature is applied to all horn cells at the base of the horn. In four to six weeks, the horn button will drop off leaving a smooth, well-healed area. No loss of blood or severe shock during or after dehorning. Only a few seconds are required for the entire operation and can be done safely any month of the year. Operates on 110 volts, AC or DC. Dehorner has a 1" inner diameter.

Item No.	Description	Case Ct.
2100	Electric Dehorner 1"	6



E Sheep & Goat Electric Dehorner

Cast bronze electric dehorner with a 5/8" inner diameter. Preferred for dehorning small calves and goats. It only requires a few seconds and there is no blood loss using this dehorner.

Item No.	Description	Case Ct.
2103	Sheep & Goat Electric Dehorner 5/8"	6



F Dr. Naylor Dehorning Paste

Quick, safe, and economical. Single application is all that is needed for young calves, lambs or kids.

Item No.	Description	Case Ct.
DHP	Dehorning Paste 4oz (Naylor)	12

Feeding and watering livestock is essential for any successful production operation. Take care of your animals with Neogen's feeding and watering supplies. Our selection includes everything from feeding buckets with multiple teats, to watering bowls, and calf weaners.

G Calf Bottle with Teat

Nursing bottle holds 2 liters / 1/2 gallon / 4 pints, and comes with pint calibration markings. Bottle is made from strong, durable polyethylene. An X-pierced, self-closing, red rubber teat is included. These snap-on type nipples are strong, soft, and pliable, with a tight fit to help prevent leakage.

Item No.	Description	Case Ct.
FW1216-SYR	Calf Bottle w/Red Teat 2L	12
FW1216A-SYR	Red Rubber Calf Teat	50



H Calf Weaners

These anti-sucking devices impede calves' ability to suck. Durable and easy to apply.

Item No.	Description	Case Ct.
TA913	Weaner Calf Plastic Yellow	50
TA916	Weaner Calf Plastic Orange	50
TA918	Weaner Calf Plastic Orange 50/pk	10



TA913



TA916

I Controlled Flow Lamb Nipples

Our controlled flow lamb nipples are made of clear isoprene with extremely soft, yet strong walls. The hollow cone tips allow the flow of milk to be regulated from slow to fast. Nipples fit most standard soda bottles.

Item No.	Description	Case Ct.
7007	Nipple Controlled Flow 3pk	24



I

J Floating Teat

Easy to take apart and clean. Extra-large plate prevents nipple from tipping over.

Item No.	Description	Case Ct.
FW1207	Floating Teat Complete w/Plate	12
FW1207A	Replacement Teats 2/pk	12



J

K Gum Rubber Lamb Nipples

Ideal's gum rubber nipples will fit most standard soda bottles.

Item No.	Description	Case Ct.
7005	Nipple gum Rubber 3pk	24



K

Feeding & Watering

**A Lamb Bucket**

Lamb bucket comes complete with three teats, three valves, and a metal hanging bracket. 8 Liters / 2.1gal.

Item No.	Description	Case Ct.
FW1209	Lamb Bucket Complete	6
FW1209A	Lamb Bucket Replacement Teat 6/pk	2

B Lamb Feeder

Two-compartment lamb feeder. 10 Liters / 2.6gal. Complete with six red rubber teats and valves.

Item No.	Description	Case Ct.
FW1213	Lamb Feeder Complete	6

C Oral Fluid Feeders

Safe and practical way to fluid feed calves with a one piece flexible probe to deliver nutrients directly to the stomach. Recommended method for rehydration of stressed cattle.

Item No.	Description	Case Ct.
TA20006	Oral Fluid Feeder 64oz	1
TA20009	Oral Fluid Feeder 128oz	1

D Plastic Calf Feeding Bucket

Plastic bucket complete with red teat, bracket and valve. Acid proof, cadmium-free, and easy to clean. 8 Liters / 2.1gal.

Item No.	Description	Case Ct.
FW1205	Calf Bucket w/Teat 8L Complete	6
FW1205A	Calf Bucket Replacement Teat (125mm) 2/pk	12

E Small Water Bowl

Small PVC plastic drinking bowl equipped with 1/2" brass nipple and valve system. Has a flow valve and nylon frost plug protection. The nose paddle is easily activated by small animals. Ideal for sheep, goats, calves and dogs.

Item No.	Description	Case Ct.
FW1229	Small Water Bowl Plastic	2

F Drinking Bowl

Large high quality plastic water bowl for wall-mounting and tube-mounting. Has top and bottom water inlets. Comes with a locking spring and mounting plates.

Item No.	Description	Case Ct.
TA1931	Drinking Bowl Plastic	6



Along with quality veterinary instruments and animal handling supplies, Neogen offers a complementary line of products to round out your animal care needs. Our offering includes products used in veterinary practices, in livestock operations and by livestock showmen. Included in our general products are emergency animal treatment tools, like IV sets, Infusion pumps and trocars for relieving bloat in cattle, to hand sheep shears and cowbells.

G "Black-Blue" Sheep Shears

Finest sheep shears. Made of hardened and tempered steel. Rubber stoppers for smooth shearing. Straight blades.

Item No.	Description	Case Ct.
TA1445	Sheep Shears 11.5" (29cm) Right Hand	12



H B&B Double Bow Sheep Shear

The 6.5" Double Bow Sheep Shear by Burgon & Ball are made from Sheffield steel. The shears have a rolled bow, which creates an easier action and increases overall strength. Heat treatment guarantees hardness and long-term edge retention of blades. Blades are double hollow ground (Hinds patent). Blades and shank are a single piece for increased durability and accuracy. Each shear is handset and tested.

Item No.	Description	Case Ct.
7015	Sheep Shears B&B Double Bow 6.5"	12



I Heart-Shaped Sheep Shears

Made of high quality forged steel.

Item No.	Description	Case Ct.
TA1443	Shears Sheep 10.8" S	12



J Halogen Lamp

Ideal for piglets, lambs and poultry. High/low switch for power regulation. Cord is 7' 10" long. Holder is 9" in diameter, 15" tall, and made of lightweight aluminum. UL/CSA approved. Conforms to CE norms. Holds one bulb, sold separately.

Tests in laboratories have proven long bulb lifetime. Shock and water resistant. Compact and light, storage volumes and breakage are reduced. Conforms to CE norms. Holder is for halogen infrared bulbs from 125 to 250 watts.

Item No.	Description	Case Ct.
TA5000	Halogen Lamp Holder HB-01 Each	6
TA5175	Halogen Bulb Red Brooder 175W Each	6
TA5250	Halogen Bulb Red Brooder 250W Each	6



K Cow Bells

Cowbells can be used on different species of livestock to help locate and identify your animals. From sharp toned bells to dull tone, these bells can be heard from long distances. For sporting fans, the tailgater handled bell brings "more cowbell" to the game.

Item No.	Description	Case Ct.
7605	Cow Bell w/Handle	6
7606	Cow Bell 12LD	6
7607	Cow Bell KY 4	6
7608	Cow Bell KY 2	6
7609	Cow Bell 8LD	12
7610	Cow Bell 10LD	6
7611	Cow Bell Tailgater	6



General Products

**A Infusion Pump**

Small black rubber bulb-type infusion pump. 12" tubing with removable stopper.

Item No.	Description	Case Ct.
1908	Infusion Pump Bulb Type	12

**B IV Sets**

The Dexco IV set is one of the easiest to use and most durable intravenous systems ever designed. Its pure gum rubber funnel with air vent fits any standard 500 mL bottle, and comes with stainless steel needle. The Dexco IV set is also available with latex tubing. Tubing measures 5'. The Simplex IV set has a molded finger, clog-stop air vent, and pure gum rubber tubing. It fits any standard 500 mL bottle, and comes complete with a stainless steel needle. Tubing measures 5'.

Item No.	Description	Case Ct.
1905	IV Set Dexco w/Gum Rubber Tubing 16G x 1½"	12
1906	IV Set Simplex w/Gum Rubber Tubing 16G x ½"	12
1907	IV Set Dexco w/Latex Tubing 16G x 1½"	12
TA812	IV Set Dexco w/14G x 2"	12
TA8145	IV Set Simplex w/14G x 2"	1

**C Sleeve Stoppers**

Natural and anti-pop sleeve stoppers for use on serum bottles.

Item No.	Description	Case Ct.
45-2041	Anti-pop Natural 20mm 100ct	10
45-3041	Anti-pop Natural 30mm 100ct	10
49-2061	Sleeve Stopper Natural 20mm 100ct	10
49-3061	Sleeve Stopper Natural 30mm 100ct	10

**D Aluminum Collars**

Open top closure for use on serum bottles.

Item No.	Description	Case Ct.
52-2011	Open Top Closure-Alum 20mm 100ct	10
52-3011	Open Top Closure-Alum 30mm 100ct	10

**E Trocar**

Relieves pressure and bloating in cattle; cannula remains when trocar is removed, allowing gas to escape. Wooden handle with plain cannula.

Item No.	Description	Case Ct.
8703	Trocar Wooden Handle w/Plain Cannula	6

**F Stethoscope**

Ideal's stethoscope is a quality listening device for an economical price. It features a chrome-plated binaural, and 24" Y-tubing with an overall length of 30".

Item No.	Description	Case Ct.
300DLX	Single Head Stethoscope Black	1

Hoof care is essential and Neogen provides a wide variety of quality hoof care tools and products to keep your cattle, horses, swine, sheep or goats moving soundly. Whether you are a professional hoof trimmer, farrier, producer or hobby farmer you can find what you need in Neogen's hoof and leg care product line-up. This includes trusted brand names such as Easy Bloc, Demotec 95, SureBond, SyrFlex and Burgon & Ball — all known for their quality in every sense of the word.

G Demotec® Easy Bloc®

Easy Bloc is a unique innovation in hoof treatment. Hoof problems can have very adverse effects on both milk yields and weight gain. The Easy Bloc system was designed to minimize lameness and provide a fast, easy to use "cure" at a reasonable cost.

Incorporating features of similar devices, and a patented off-set toe, Easy Bloc is a plastic slip-on boot which fits onto the healthy claw, taking weight off the affected claw, providing immediate relief of pain and substantial increase in milk production. Easy Bloc was designed by leading hoof-care specialists from around the world and has unique features not available with other hoof blocking systems.

Easy Bloc is available in kits of 4, 12, or 36 applications and in standard and extra-long lengths. Sets in approximately 5 minutes.

- Easy to use, even by inexperienced personnel
- Fits nearly all size cows
- Optimum design avoids all possible pressure points
- Mix the resin in the block itself, then press onto the claw
- Flexible cover ensures a good fit
- Affordable price

Item No.	Description
EB100-L	Easy Bloc Left Boot 1ct
EB100-R	Easy Bloc Right Boot 1ct
EB100XL-L	Easy Bloc XL Left Boot 1ct
EB100XL-R	Easy Bloc XL Right Boot 1ct
EB104	Easy Bloc 4 Kit (ORM-D)
EB104-L	Easy Bloc 4 Kit All Lefts (ORM-D)
EB104-R	Easy Bloc 4 Kit All Rights (ORM-D)
EB104-XL	Easy Bloc XL 4 Kit (ORM-D)
EB104XL-L	Easy Bloc XL 4 Kit All Lefts (ORM-D)
EB104XL-R	Easy Bloc XL 4 Kit All Rights (ORM-D)
EB112	Easy Bloc 12 Kit (ORM-D)
EB112-L	Easy Bloc 12 Kit All Lefts (ORM-D)
EB112-R	Easy Bloc 12 Kit All Rights (ORM-D)
EB112-XL	Easy Bloc XL 12 Kit (ORM-D)
EB112XL-L	Easy Bloc XL 12 Kit All Lefts (ORM-D)
EB112XL-R	Easy Bloc XL 12 Kit All Rights (ORM-D)
EB136	Easy Bloc 36 Kit (ORM-D)
EB136-L	Easy Bloc 36 Kit All Lefts (ORM-D)
EB136-R	Easy Bloc 36 Kit All Rights (ORM-D)
EB136-XL	Easy Bloc XL 36 Kit (ORM-D)
EB136-XL-L	Easy Bloc XL 36 Kit All Lefts (ORM-D)
EB136-XL-R	Easy Bloc XL 36 Kit All Rights (ORM-D)
EB250	Easy Bloc Liquid 250mL (ORM-D)
EB500	Easy Bloc Powder 500g (ORM-D)



A Demotec® 95

Demotec 95 is a special resin developed for treatment of lameness in cattle. This resin material has superior plasticity without being sticky and can be processed only a few seconds after mixing. Bonding a wooden block onto the good claw of a bovine hoof relieves pain and reduces lameness. The wooden blocks are available in two lengths and come in kits of 2 or 14 applications. Items can also be purchased separately.

Demotec 95 resin can also be used by veterinarians, horse owners and farriers for repairing numerous other hoof problems and for splintering pet fractures.



Item No.	Description
HC080	Demotec 95 Liquid 80mL (ORM-D)
HC100	Demotec 95 Powder 1kg (ORM-D)
HC170	Demotec 95 Powder 14x70g Sachets (ORM-D)
HC202-L	Demotec 95 2/Kit w/ L Blocks (ORM-D)
HC214-L	Demotec 95 14/Kit w/ L Blocks (ORM-D)
HC214-S	Demotec 95 14/Kit w/ S Blocks (ORM-D)
HC242-S	Demotec 95 42/Kit w/ L Blocks (ORM-D)
HC500	Demotec 95 Liquid 500mL (ORM-D)

B FuturaPad®

FuturaPad is packaged in a complete pack; no extra components are needed. Available in two sizes: standard and XL.

- Fast, easy and safe
- Activate the pad, press the block onto the claw and you're done!
- Polymerization within 15 seconds, even during cold weather
- Shaped to conform to the anatomy of the claw
- The flexible pad overcomes any unevenness of the sole
- No health, transport or storage problems



Item No.	Description
FP110	FuturaPad 5 pair (ORM-D)
FP110-L	FuturaPad Left 10ct (ORM-D)
FP110-R	FuturaPad Right 10ct (ORM-D)

C SureBond®

Neogen's SureBond product is a fast-setting urethane adhesive designed for use in applying wooden or rubber blocks as an adjunct in the treatment of bovine lameness. SureBond is available in 180mL tubes.

Item No.	Description	Case Ct.
SB1012	SureBond UR Fast Set 180mL	12
SB4000	SureBond UR Application Gun	1
SBP4000	SureBond Premium Applicator	1
SB6012	SureBond UR Tips 12pk	100
SB6100	SureBond UR Tips 100pk	12



D Hoof Blocks

Designed for use as an aid in the treatment of bovine lameness, Neogen's wooden blocks are applied with an adhesive to the healthy claw, transferring weight off the affected claw. Wooden blocks are made of hard birch wood providing superior wear and come in two sizes, small and large. Rubber blocks are available in large. Both styles sold in eaches; 100/case.

Item No.	Description	Case Ct.
HC400-L	Hoof Block Wood L 1ct	100
HC400-S	Hoof Block Wood S 1ct	100
RB100	Hoof Block Rubber 1ct	100

**D****E Hoof Knives**

Ideal's hoof knives, made with contoured, polished steel blades and hardwood handles, are designed to provide maximum leverage and pressure.

Item No.	Description	Case Ct.
9805	Hoof Knife Right Hand	6
9806	Hoof Knife Double Sided	6
9807	Hoof Knife Left Hand	6
TA138	Hoof Knife Wide Blade Right Hand	12
TA142	Hoof Knife Wide Blade Left Hand	12
TA143	Hoof Knife Double Edge	12
TA146	Hoof Tester Pliers	12
TA147	Hoof Claw Cutter	12
TA2650	Hoof Rasp w/Handle	6

**E****F Aesculap Hoof Knives**

Made of high-grade stainless steel blades that maintain a sharper edge.

Item No.	Description	Case Ct.
TA2604	Hoof Knife Narrow Blade Right Hand	12
TA2605	Hoof Knife Narrow Blade Left Hand	12
VC300	Hoof Knife Narrow Blade Right Hand	1
VC302	Hoof Knife Wide Blade Right Hand	1
VC305	Hoof Knife Narrow Blade Left Hand	1
VC307	Hoof Knife Wide Blade Left Hand	1
VC310	Hoof Knife Narrow Blade Right Hand Black	1
VC311	Hoof Knife Narrow Blade Left Hand Black	1
VC315	Hoof Knife Narrow Blade Double Edge	1
VC316	Hoof Knife Standard Blade Double Edge	1
VC317	Hoof Knife Wide Blade Double Edge	1
VC318	Hoof Knife Swiss Type Blade	1
VC320	Hoof Knife Thin Ground Blade Right Hand	1
VC321	Hoof Knife Thin Ground Blade Left Hand	1
VC376	Hoof Tester Vienna Pattern	1



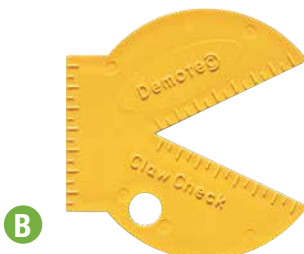
TA2650

TA147

**F**



A



B



C



D



E



F

A Babi-Cuffs

For treatment of foal deformities. Sold in pairs.

- For correction of lower limb alignment in young horses.
- Lateral-Medial-Toe-Heel extensions
- For correct fit, measure bottom of hoof from side to side

Item No.	Description	Case Ct.
TG500-1	Ibex Babi-Cuffs 1 3/4" (1 pair)	1
TG500-2	Ibex Babi-Cuffs 2 1/4" (1 pair)	1
TG500-3	Ibex Babi-Cuffs 2 3/4" (1 pair)	1
TG500-4	Ibex Babi-Cuffs 3 1/4" (1 pair)	1

B Demotec® Claw Check

Designed to provide objective measurements for the claw trimming process, the Claw Check is an easy-to-use device that serves five functions: measure the angle between the sole and the anterior claw wall, the length of the anterior wall, the height of the two claws, the plane of contact of the sole to ground and the slope of the sole.

Item No.	Description
CC100	Hoof Claw Check

C B&B Eze-Trim Foot Rot Shears

These super-sharp foot rot shears are made by Burgon & Ball and have non-stick coated, high carbon-steel blades that retain the sharpest edge. Blades have been heat treated to give the optimum combination of strength and hardness. The blade tension can be adjusted and the blades lock in place. Resin handles are both durable and extremely comfortable to use. Shears come with a 5-year manufacturer's guarantee.

Item No.	Description	Case Ct.
7020	Foot Rot Shear B&B Eze Trim	10

D Hoof Rot Shears

Ideal Hoof Rot Shears have sharp, pointed double stainless steel blades. The top blade is serrated to cut hooves with ease. Blue powder coated handle. Use to trim cattle, sheep and goat hooves.

Item No.	Description	Case Ct.
9801	Hoof Rot Shears	12
TA900	Hoof Rot Shear w/Holster	6

E Ideal® Hoof Nipper

Made of polished stainless steel. Precision instrument manufactured in England.

Item No.	Description	Case Ct.
AT1500	Hoof Nipper 15"	1

F Trimming Discs

Manufactured in Germany of high grade aluminum, the Trimming Disc is lightweight, yet durable. The Trimming Disc is ideal for situations where a less aggressive, easy to handle disc is preferred. Fits most standard hand-held grinders.

- Trims up to 220 head (880 hooves) per disc
- Lightweight aluminum construction allows for easier control
- Blades are manufactured of tungsten carbide and are double-sided for extended use
- Unique wheel design allows for gentle hoof cutting without smells, dust or heat
- Reduces trimming time at a very low cost per animal

Item No.	Description	Case Ct.
TD100	Hoof Trimming Disc	1
TD060	Hoof Trimming Disc Blades 6pk	1

Being able to quickly and easily identify livestock is essential for livestock producers. Neogen provides a wide array of solutions for both permanent and non-permanent identification. Permanent livestock identification solutions include plastic ear tags, tattoo kits with a wide variety of accessories, and two sizes of ear notchers. For temporary identification to mark animals for treatment, breeding, calving and lambing, etc. we offer reusable plastic and Velcro leg bands, marking sticks, livestock marking paints and dyes.

G Ear Notchers

Heavy-duty ear notchers are constructed with a stainless steel handle and a steel blade for long life and trouble-free service.

Item No.	Description	Case Ct.
7500	Ear Notcher V-Type Small	6
7501	Ear Notcher V-Type Medium	6
TA127	Ear Notcher Aluminum V-Type Small	12



G

H Ear Tag Applicator

The deep jaw of this applicator makes proper tag placement easier. Grip helps to ease hand fatigue. Comes with two black inserts to accommodate different styles of ear tags.

Item No.	Description	Case Ct.
SA	Ear Tag Applicator Universal	1



H

I Plastic Ear Tags

Our ear tags are made of high quality polymer for longlife and high visibility. They are laser printable or can be written on with a plastic Tag Marker.

Item No.	Description	Case Ct.
ETAG SM YEL SET	Ear Tag Set Small Yellow 25/pk	40
ETAG M BL SET	Ear Tag Set Medium Blue 25/pk	40
ETAG M RED SET	Ear Tag Set Medium Red 25/pk	40
ETAG M WH SET	Ear Tag Set Medium White 25/pk	40
ETAG M YEL SET	Ear Tag Set Medium Yellow 25/pk	40
ETAG XL BL SET	Ear Tag Set XL Blue 25/pk	40
ETAG XL GRN SET	Ear Tag Set XL Green 25/pk	40
ETAG XL ORG SET	Ear Tag Set XL Orange 25/pk	40
ETAG XL RED SET	Ear Tag Set XL Red 25/pk	40
ETAG XL WH SET	Ear Tag Set XL White 25/pk	40
ETAG XL YEL SET	Ear Tag Set XL Yellow 25/pk	40



I

J Plastic Leg Bands

Reusable, tough leg bands for marking cows in a group pen. The bands have a ratchet lock for easy adjustment on different size ankles. Available in several colors for flexibility in herd identification. Use to indicate a temporary condition such as mastitis, or to number animals individually. Easy to attach and easy to remove and reuse. Sold in eaches.

Item No.	Description	Case Ct.
TA1515	Leg Band Blank White	100
TA1516	Leg Band Blank Pink	100
TA1517	Leg Band Blank Purple	100
TA1519	Leg Band Blank Orange	100
TA1522	Leg Band Blank Red	100
TA1525	Leg Band Blank Blue	100
TA1528	Leg Band Blank Green	100
TA1531	Leg Band Blank Yellow	100



J

K Plastic Tag Marker

Plastic tag markers are fast drying and non-smearing with a permanent weather-resistant black ink. The broad tip marker is self-inking with valve action.

Item No.	Description	Case Ct.
TA3502-B	Broad Tip Plastic Tag Marker 12/bx	4
TA3503-B	Fine Point Plastic Tag Marker 12/bx	6



TA3502-B



TA3503-B

K

Identification & Marking (continued)



A

A VELCRO® Brand Leg Bands

These tough, all-weather nylon leg bands are constructed of VELCRO® brand hook & loop closure tape for easy attachment, adjustment and removal. Available in six bright colors for high visibility and flexibility in herd identification. Blank to allow self-marking, the bands are washable and reusable.

Item No.	Description	Case Ct.
TA1500	Velcro Leg Band Fluorescent Yellow 10/pk	10
TA1501	Velcro Leg Band Fluorescent Pink 10/pk	10
TA1502	Velcro Leg Band Fluorescent Orange 10/pk	10
TA1503	Velcro Leg Band Red 10/pk	10
TA1506	Velcro Leg Band Blue 10/pk	10
TA1509	Velcro Leg Band Fluorescent Green 10/pk	10



B

B Tattoo Kits

Ideal Tattoo Kits are versatile, economical instruments with heavy-duty construction used for permanent animal identification. The large pliers hold four 3/8" letters or digits. The small pliers hold five 5/16" digits. Aluminum alloy pliers.

Item No.	Description	Case Ct.
7502	Tattoo Kit Standard 3/8" Complete	6
7503	Tattoo Digits (0-9) 3/8"	6
7504	Tattoo Digits (0-9) 5/16"	6
7510	Tattoo Kit Small 5/16	12
7530	Tattoo Letters (A-Z) 3/8"	12
7531	Tattoo Letters (A-Z) 5/16"	12
7577	Tattoo Ink Black 3oz	12
7578	Tattoo Paste Green 1oz	12
7590	Tattoo Ink Green 2oz Roll-on	12
TA753	Tattoo Paste Green 5oz Tube	10
TA754	Tattoo Ink Black 2oz Roll-on	10
TA955	Tattoo Kit Revolving w/0-9	12



C

C Ram Marking Harness

Adjustable straps. For marking mated ewes. Marking blocks sold separately.

Item No.	Description	Case Ct.
TA4201	Ram Marking Harness Nylon	6



D

D Marking Paint Blocks

RAIDEX ram marking blocks consist of high-quality special waxes, paraffin oil, and pigments. They are not harmful to animals or the environment. For use with Ram Marking Harness.

Item No.	Description	Case Ct.
TA4203GRN	Marking Paint Blocks Green (Raidex)	12
TA4203OR	Marking Paint Blocks Orange (Raidex)	12
TA4203RED	Marking Paint Blocks Red (Raidex)	12
TA4203YEL	Marking Paint Blocks Yellow (Raidex)	12



E

E Push-Up Livestock Markers

Livestock Markers are highly visible, fade resistant and long-lasting, standing up to all types of weather. They will mark wet or dry animals and come in a sturdy push-up style dispenser.

Item No.	Description	Case Ct.
LMBL-E	Push-Up Livestock Marker Blue Each	12
LMFLGRN-E	Push-Up Livestock Marker Fluorescent Green Each	12
LMFLPK-E	Push-Up Livestock Marker Fluorescent Pink Each	12
LMGRN-E	Push-Up Livestock Marker Green Each	12
LMORG-E	Push-Up Livestock Marker Orange Each	12
LMRED-E	Push-Up Livestock Marker Red Each	12
LMYEL-E	Push-Up Livestock Marker Yellow Each	12

F Retractable Marking Sticks

Designed for easy and efficient animal marking, these markers come in a twistable plastic dispenser with cap to help keep hands and clothing clean. Highly visible, long lasting, and weather and fade resistant. Will mark wet or dry animals. Non-toxic.

Item No.	Description	Case Ct.
333643	Prima Retractable Marking Stick Black	50
333650	Prima Retractable Marking Stick Orange	50
333667	Prima Retractable Marking Stick Red	50
333674	Prima Retractable Marking Stick Green	50
333681	Prima Retractable Marking Stick Blue	50
333698	Prima Retractable Marking Stick Yellow	50
333704	Prima Retractable Marking Stick Purple	50
333711	Prima Retractable Marking Stick Fluorescent Pink	50
TA4204BL-E-SYR	Retractable Marking Sticks Blue Each	10
TA4204GRN-E-SYR	Retractable Marking Sticks Green Each	10
TA4204OR-E-SYR	Retractable Marking Sticks Orange Each	10
TA4204RED-E-SYR	Retractable Marking Sticks Red Each	10
TA4204YEL-E-SYR	Retractable Marking Sticks Yellow Each	10



F

G Prima Marc™ Paints and Dyes

Prima Marc paints and dyes come in 1.75 oz cans that are easy to use and carry. A semi-permanent spray that produces easily visible marks on livestock, and for other uses. Designed for use with Prima Marc Vaccinators. They produce a metered spray that marks 1000+ animals.

Item No.	Description	Case Ct.
338686	Prima Marc Paint Pink 1.75oz Can	24
342812	Prima Marc Paint Black 1.75oz Can	24
334091	Prima Marc Paint Green 1.75oz Can	24
334077	Prima Marc Paint Orange 1.75oz Can	24
341280	Prima Marc Dye Blue 1.75oz Can	24
341297	Prima Marc Dye Red 1.75oz Can	24

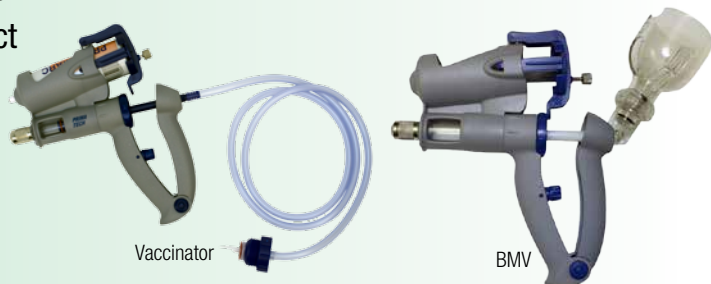


G

Prima Marc™ Vaccinator

- Used with Prima Marc Paints and Dyes
- Allows the user to simultaneously inject and mark the animal
- Designed for convenience and speed
- Unique to the animal health world

See Page 43



Identification & Marking (continued)

A



A Spray-On

- Colors are durable and stable
- Reliable in all temperatures
- Strong color
- Sprays with can inverted
- 13.5 oz cans

Item No.	Description	Case Ct.
333513	Spray-On Red	12
333520	Spray-On Blue	12
333537	Spray-On Green	12
338747	Spray-On Black	12

B



B Spray-On Glo

- Colors are durable and stable
- Reliable in all temperatures
- Strong color with high luminosity
- Sprays with can inverted
- 13.5 oz cans

Item No.	Description	Case Ct.
338693	Spray-On Glo Fluorescent Green	12
338389	Spray-On Glo Fluorescent Orange	12
339690	Spray-On Glo Fluorescent Purple	12
339942	Spray-On Glo Fluorescent Pink	12
339959	Spray-On Glo Fluorescent Yellow	12
367709	Spray-On Glo Fluorescent Pink w/Inverted Tip	12
367693	Spray-On Glo Fluorescent Green w/Inverted Tip	12
367686	Spray-On Glo Fluorescent Orange w/Inverted Tip	12

C



C Spray-On II

- Longer lasting than regular Spray-On
- Reliable in all temperatures
- Strong color
- Sprays with can inverted
- 13.5 oz cans

Item No.	Description	Case Ct.
354228	Spray-On II Red	12
354235	Spray-On II Blue	12
354242	Spray-On II Green	12
362131	Spray-On II Red w/Inverted Tip	12
362148	Spray-On II Blue w/Inverted Tip	12
362155	Spray-On II Green w/Inverted Tip	12
362339	Spray-On II Black w/Inverted Tip	12

D



D Prima Concentrate Paint

- Economical and easy to use
- For use in sprayer systems
- Adjust concentration depending on duration needed

Item No.	Description	Case Ct.
333865	Concentrate Pink 16oz	12
333872	Concentrate Green 16oz	12
333889	Concentrate Blue 16oz	12
342669	Concentrate Pink 128oz	4
342676	Concentrate Blue 128oz	4
342683	Concentrate Green 128oz	4

E



E Pistol Grip

For use with Spray-On, Spray-On Glo, and Spray-On II. (Does not work with inverted tip)

Item No.	Description	Case Ct.
344458	Pistol Grip for Spray-On Can	1

Neogen's offering of highly accurate measurement tools includes thermometers, scales, counters and weight bands. We provide a wide range of thermometers and hygrometers with Fahrenheit and Celsius temperature scale options in digital and non-mercury options.

F Thermometers

Ideal's veterinary thermometers are made to provide long and accurate service. Thermometers are 5" long and easy-to-read. Normal temperatures for horses, sheep, pigs, cows, and dogs are included. Ideal's digital thermometer is quick-reading, beeps when ready and displays digital temperatures in Fahrenheit.

Item No.	Description	Case Ct.
8207	Thermometer Digital 1pk	12
8208	Thermometer Mercury Free w/Case 1pk	24
TA804C	Thermometer Digital C-Scale w/Beeper case 1pk	10

The Digital Long Probe Thermometer is perfect for farm, laboratory, and home use. The thermometer features a 3" stainless steel probe, Celsius or Fahrenheit temperature units, an easy-to-read LCD display, and comes with a protective cover. This thermometer has a temperature range of -58°F to +572°F (-50°C to +300°C) with an accuracy of 2°F.

Item No.	Description	Case Ct.
TA804-PROBE	Thermometer Digital Long Probe	10

Hi/Lo thermometer shows the day's maximum and night's minimum temperature. Easy reset button on the front. Has three hanger holes for wall mounting.

Item No.	Description	Case Ct.
TA803	Thermometer Hi Lo Fahrenheit	1
TA803C	Thermometer Hi Lo Centigrade	1



G Weightbands

Weightband for determining the weight of cattle and swine. This 250 cm long, tear-proof belt measures in cm. The tape's reverse side contains two tables: one for girth and corresponding slaughter weight (swine), and one for live weight of fat stock and normal stock (cattle). The tape coils up automatically with a push button into a plastic casing. Color of casing may vary.

Item No.	Description	Case Ct.
TA970	Combi Weight Tape/Kg	12

Dairy cattle Weight Tape offer a quick and easy way to determine weight, thereby making it easier to calculate dosages for medications, feed portions, and various other tasks. Instructions provided on each weightband.

Item No.	Description	Case Ct.
TA9102	Weight Tape Dairy Cattle Kg	12



H Hand Counter

Hand Counter is lightweight and durable. Designed to fit comfortably in the palm of your hand. Convenient metal ring slides onto finger for a stable grip. Nickel-plated.

Item No.	Description	Case Ct.
TA765	Hand Counter	12



I Thermometer Hygrometer - Digital

For measuring temperature and atmospheric humidity. Dual display: inside/outside temperature and clock. Extra wide temperature range: -58°F - 158°F (-50°C-70°C). Max/Min memory function for IN/OUT temperature. Dual scale. 1.5 V, AAA size battery required. For wall mount or desktop.

Item No.	Description	Case Ct.
TA797	Thermometer Hygrometer Digital	10



J Thermometer Hygrometer

For measuring temperature and atmospheric humidity. Celsius scale only.

Item No.	Description	Case Ct.
TA796	Thermometer Hygrometer	12



Needles

Livestock, companion and veterinary industries have a broad demand when it comes to needle selection and Neogen offers a large range of products that fulfill these many applications. Neogen's livestock needles are ultra-sharp, durable and dependable.

Neogen's patented D3™ Detectable needle is a leader when it comes to meat industry safety, with its thick stainless steel wall that is 100% hypodermic needles line is color-coded to indicate gauge for easy identification following ISO standards. Commonly used as vaccination needles, they are offered with polypropylene and aluminum hubs.

Disposable

- A full line of disposable needles manufactured specifically for the animal health market
- Metal insert increases needle strength for animal health applications
- Tri-beveled, anti-coring tips are computer ground for consistent sharpness
- Anti-friction coating for minimal penetration resistance and animal discomfort
- Regular wall stainless steel cannula for durability and breakage prevention
- Tamper-evident cartridges are color-coded to ISO standards
- Gauge, length and lot number printed on each cartridge for easy tracking
- Packaged 100 needles/box, 10 boxes/case

A Aluminum Hub Needles

Aluminum hub for large animal applications that require a durable needle.

Item No.	Description	Gauge Color
9400AL	AH 14Gx1" HP 100/bx	Green
9401AL	AH 14Gx1.5" HP 100/bx	Green
9402AL	AH 14Gx2" HP 100/bx	Green
9403AL	AH 16Gx5/8" HP 100/bx	White
9404AL	AH 16Gx3/4" HP 100/bx	White
9405AL	AH 16Gx1" HP 100/bx	White
9406AL	AH 16Gx1.5" HP 100/bx	White
9407AL	AH 18Gx5/8" HP 100/bx	Pink
9408AL	AH 18Gx3/4" HP 100/bx	Pink
9409AL	AH 18Gx1" HP 100/bx	Pink
9410AL	AH 18Gx1.5" HP 100/bx	Pink
9413AL	AH 20Gx1" HP 100/bx	Yellow
9414AL	AH 20Gx1.5" HP 100/bx	Yellow
06-1810B	AH 18Gx1" HP 100/bx	Pink
06-1851B	AH 18Gx1.5" HP 100/bx	Pink

B Polypropylene Hub Needles

Clear polypropylene hubs for easy viewing of flashback.

Item No.	Description	Gauge Color
9319	PH 16Gx1/2" HP 100/bx	White
9325	PH 16Gx1" HP 100/bx	White
9330	PH 16Gx1.5" HP 100/bx	White
9340	PH 18Gx3/4" HP 100/bx	Pink
9345	PH 18Gx1" HP 100/bx	Pink
9350	PH 18Gx1.5" HP 100/bx	Pink
9350K	PH 18Gx1.5" SP 100/bx	Pink
9360	PH 20Gx1/2" HP 100/bx	Yellow
9365	PH 20Gx3/4" HP 100/bx	Yellow
9370	PH 20Gx1" HP 100/bx	Yellow
9370K	PH 20Gx1" SP 100/bx	Yellow
9375	PH 20Gx1.5" HP 100/bx	Yellow
9375K	PH 20Gx1.5" SP 100/bx	Yellow
9380K	PH 21Gx1" SP 100/bx	Dark Green
9390	PH 22Gx3/4" HP 100/bx	Gray
9390K	PH 22Gx3/4" SP 100/bx	Gray
9393K	PH 22Gx1.5" SP 100/bx	Gray
9395	PH 22Gx1" HP 100/bx	Gray
9395K	PH 22Gx1" SP 100/bx	Gray
9398K	PH 23Gx 1" SP 100/bx	Blue
9399	PH 25Gx5/8" HP 100/bx	Orange
9399K	PH 25Gx5/8" SP100/bx	Orange
02-1415B	PH 14Gx1.5" 100/bx	Green
02-1601B	PH 16Gx1" SP 100/bx	White
02-1605B	PH 16Gx0.5" SP 100/bx	White
02-1615B	PH 16Gx1.5" SP 100/bx	White
02-1805B	PH 18Gx0.5" SP 100/bx	Pink
02-2005B	PH 20Gx0.5" SP 100/bx	Yellow
02-2034B	PH 20Gx0.75" SP 100/bx	Yellow



ISO Needle Gauge Color Code Chart

Green	White	Pink	Yellow	Dark Green	Gray	Blue	Orange
14 G	16 G	18 G	20 G	21 G	22 G	23 G	25 G

Legend:

SP - Soft Pack	PH - Poly Hub
HP - Hard Pack	AH - Aluminum Hub

C Ideal® D3™ Detectable Needles**Durable. Detectable. Dependable.****Durability**

- Superior durability; thick wall cannula and plated brass hubs reduce breakage 6-fold over conventional needles

Detectability

- 100% detectable in metal detection systems vs. only 15% for standard needles

Sharpness

- Precision-ground tip stays sharper longer, allowing for multiple injections without burring

Packaging Features

- Gauge stamped on hub and packed in red cartridges and boxes for easy identification
- Cartridges are tamper-evident and labeled with needle size and lot number

Item No.	Description	Color
9435	D3 16Gx1/2" Detectable HP 100/bx	Red
9415	D3 16Gx5/8" Detectable HP 100/bx	Red
9416	D3 16Gx3/4" Detectable HP 100/bx	Red
9420	D3 16Gx1" Detectable HP 100/bx	Red
9417	D3 16Gx1.5" Detectable HP 100/bx	Red
9428	D3 18Gx1/2" Detectable HP 100/bx	Red
9422	D3 18Gx5/8" Detectable HP 100/bx	Red
9421	D3 18Gx3/4" Detectable HP 100/bx	Red
9423	D3 18Gx1" Detectable HP 100/bx	Red
9424	D3 18Gx1.5" Detectable HP 100/bx	Red
9418AL	D3 AH 14Gx1" Detectable HP 100/bx	Red
9419AL	D3 AH 14Gx1.5" Detectable HP 100/bx	Red
9412AL	D3 AH 20Gx1/2" Detectable HP 100/bx	Red
9411AL	D3 AH 20Gx1" Detectable HP 100/bx	Red
9430AL	D3 AH 20Gx1.5" Detectable HP 100/bx	Red

**Patented
Technology**



Stainless steel
detectable cannula

Brass hub



Retail Packs

Ideal retail packs are the Ideal needles, syringes and combos offered in small quantities and packaged for the retail shelf.

A Aluminum Hub Cartridge Packed Needles

Item No.	Description	Gauge Color
9323	AH 16Gx1" HP 5pk	White
9328	AH 16Gx1.5" HP 5pk	White
9329	AH 16Gx1" HP 25pk	White
9342	AH 18Gx5/8" HP 5pk	Pink
9347	AH 18Gx1" HP 5pk	Pink
9348	AH 18Gx1" HP 25pk	Pink
TA407	AH 16Gx1" HP 6/pk	White
TA408	AH 18Gx0.75" HP 6/pk	Pink
TA409	AH 18Gx1" HP 6/pk	Pink
TA410	AH 20Gx1" HP 6/pk	Yellow
TA440	AH 14Gx1" HP 6/pk	Green
TA441	AH 16Gx1.5" HP 6/pk	White
TA442	AH 18Gx1.5" HP 6/pk	Pink
TA443	AH 20Gx1.5" HP 6/pk	Yellow
TA540	AH 14Gx1" HP 25/pk	Green
TA543	AH 16Gx1" HP 25/pk	White
TA546	AH 18Gx1" HP 25/pk	Pink
TA547	AH 18Gx1.5" HP 25/pk	Pink

B Poly Hub Cartridge Packed Needles

Item No.	Description	Gauge Color
9318	PH 16Gx1/2" HP 5pk	White
9326	PH 16Gx1" HP 5pk	White
9327	PH 16Gx1" HP 25pk	White
9331	PH 16Gx1.5" HP 5pk	White
9341	PH 18Gx3/4" HP 5pk	Pink
9346	PH 18Gx1" HP 5pk	Pink
9351	PH 18Gx1.5" HP 5pk	Pink
9352	PH 18Gx1.5" HP 25pk	Pink
9355	PH 18Gx1" HP 25pk	Pink
9361	PH 20Gx1/2" HP 5pk	Yellow
9362	PH 20Gx1/2" HP 25pk	Yellow
9366	PH 20Gx3/4" HP 25pk	Yellow
9367	PH 20Gx3/4" HP 5pk	Yellow
9372	PH 20Gx1" HP 5pk	Yellow
9373	PH 20Gx1.5" HP 5pk	Yellow
9391	PH 22Gx3/4" HP 5pk	Gray
9392	PH 22Gx3/4" HP 25pk	Gray
9396	PH 22Gx1" HP 25pk	Gray
9397	PH 22Gx1" HP 5pk	Gray
TA506	PH 20Gx1/2" SP 6/pk	Gray
TA511	PH 22Gx3/4" SP 6/pk	Gray
TA519	PH 18Gx1" SP 25/pk	Pink
TA520	PH 18Gx1.5" SP 25/pk	Pink
TA521	PH 18Gx1.5" SP 25/pk	Pink
TA522	PH 20Gx3/4" SP 25/pk	Yellow
TA525	PH 21Gx1" SP 25/pk	Dark Green
9396	PH 22Gx1" HP 25pk	Gray
9397	PH 22Gx1" HP 5pk	Gray
TA411	PH 21Gx1" SP 6/pk	Dark Green
TA529	PH 18Gx3/4" SP 25/pk	Pink
TA507	PH 20Gx3/4" SP 6/pk	Yellow
TA508	PH 20Gx1" SP 6/pk	Yellow
TA515	PH 16Gx1/2" SP 25/pk	White
TA516	PH 16Gx1" SP 25/pk	White
TA517	PH 16Gx1.5" SP 25/pk	White
TA518	PH 18Gx1/2" SP 25/pk	Pink
TA500	PH 16Gx0.5" SP 6/pk	White
TA501	PH 16Gx1" SP 6/pk	White
TA502	PH 16Gx1.5" SP 6/pk	White
TA503	PH 18Gx1/2" SP 6/pk	Pink
TA504	PH 18Gx1" SP 6/pk	Pink
TA505	PH 18Gx1.5" SP 6/pk	Pink
TA523	PH 20Gx1" SP 25/pk	Yellow



Legend:

SP - Soft Pack	PH - Poly Hub
HP - Hard Pack	AH - Aluminum Hub

ISO Needle Gauge Color Code Chart

Green	White	Pink	Yellow	Dark Green	Gray	Blue	Orange
14 G	16 G	18 G	20 G	21 G	22 G	23 G	25 G

C Ideal® Stainless Steel Needles

Each Ideal Stainless Steel Needle is tri-beveled, precision ground to maintain a sharper, longer-lasting penetration surface. The cannulas are crimped and pressed into a sturdy plated-brass hub. Non-sterile. Needles are available in clamshell packs of 3 or 12.

Item No.	Description	Case Ct.
1179	14Gx1" SS 3pk	24
1184	16Gx1/2" SS 3pk	24
1185	16Gx3/4" SS 3pk	24
1186	16Gx1" SS 3pk	24
1187	16Gx1.5" SS 3pk	24
1190	18Gx1/2" SS 3pk	24
1191	18Gx3/4" SS 3pk	24
1192	18Gx1" SS 3pk	24
1197	20Gx1" SS 3pk	24
1202	12Gx1" Premium SS 12pk	24
1204	12Gx2" Premium SS 12pk	12
1205	12Gx3" Premium SS 12pk	12
1210	14Gx1/2" Premium SS 12pk	12
1211	14Gx3/4" Premium SS 12pk	12
1212	14Gx1" Premium SS 12pk	12
1214	14Gx2" Premium SS 12pk	12
1220	16Gx1/2" Premium SS 12pk	12
1221	16Gx3/4" Premium SS 12pk	12
1222	16Gx1" Premium SS 12pk	12
1223	16Gx1.5" Premium SS 12pk	12
1230	18Gx1/2" Premium SS 12pk	12
1231	18Gx3/4" Premium SS 12pk	12
1232	18Gx1" Premium SS 12pk	12
1233	18Gx1.5" Premium SS 12pk	12
1240	20Gx1/2" Premium SS 12pk	12
1241	20Gx3/4" Premium SS 12pk	12
1280	Transfer 6pk	12

**D Floating Needle**

This attachment for all syringes enables easier injection of large animals. One end is attached to the syringe, the other has a handle with a luer lock adapter for needles.

Item No.	Description	Case Ct.
TA180	Floating Needle	12

Mega-Shot™

- Pistol-grip syringe
- Repetitively injects doses of 1 to 5 cc
- Precise dosing
- Disassemble easily for cleaning and sterilization

See Page 41



Syringes

Neogen's line of syringes offers a broad spectrum of solutions to the animal health industry. From disposable syringes used in one time settings, to durable syringes built to last in the most rigorous animal production environments, Neogen has a variety of syringes available for any job.

Disposable

Ideal's disposable syringes are made specifically for the animal health industry. The syringes and combos are offered in Premium Hard Packs and Standard Soft Pack packaging. Ideal syringes feature a clear polypropylene barrel and large easy to read graduations to help minimize dosing errors. The combos offer ultra-sharp needles and are ISO color coded to indicate gauge for easy identification.

A Premium (Hard Packed) Disposable Syringes

Premium Syringe Features

- Latex-free
- Clear polypropylene barrel for easy viewing of fluid levels
- Large, easy-to-read graduations
- Positive plunger stop allows for maximum filling and eliminates costly spills
- Serrated thumb press for positive grip

Premium Needle Features

- Ultra-sharp, tri-beveled, anti-coring tips
- Metal inserts to increase strength for animal health applications

Premium Packaging Features

- Hard pack design for veterinary office or field use
- ISO color-coded cartridge caps for easy gauge identification
- Sonic-welded end cap provides tamper-evident seal and ensures sterility
- Product information sticker on box and case box for easy inventory control



Item No.	Needle Gauge / Length	Style
1 cc Syringes (Box of 100; case of 10 Boxes)		
8858	NA	Luer Slip
1 cc Tuberculin Syringes (Box of 100; case of 10 boxes)		
8859	25Gx5/8"	Luer Slip
3 cc Syringes (Box of 100; case of 10 boxes)		
8878	20Gx1.5"	Luer Lock
8879	20Gx1.5"	Luer Slip
8877	20Gx1"	Luer Lock
8863	20Gx1"	Luer Slip
8868	22Gx1"	Luer Lock
8866	22Gx1"	Luer Slip
8865	22Gx3/4"	Luer Lock
8864	22Gx3/4"	Luer Slip
8874	25Gx5/8"	Luer Lock
8875	Syringe Only	Luer Lock
8861	Syringe Only	Luer Slip
6 cc Syringes (Box of 50; case of 10 boxes)		
8882	Syringe Only	Luer Lock
8881	Syringe Only	Luer Slip
12 cc Syringes (Box of 80; case of 6 boxes)		
8886	18Gx1"	Luer Lock
8884	18Gx1"	Luer Slip
8885	Syringe Only	Luer Lock
8883	Syringe Only	Luer Slip
20 cc Syringes (Box of 50; case of 6 boxes)		
8890	Syringe Only	Luer Lock
8889	Syringe Only	Luer Slip
35 cc Syringes (Box of 30; case of 6 boxes)		
8892	Syringe Only	Luer Lock
8891	Syringe Only	Luer Slip
60 cc Syringes (Box of 20; case of 6 boxes)		
8895	Syringe Only	Catheter Tip
8894	Syringe Only	Luer Lock
8893	Syringe Only	Luer Slip

B Standard (Soft Packed) Disposable Syringes**Standard Syringe Features**

- Clear polypropylene barrel for easy viewing of fluid levels
- Large, easy-to-read graduations
- Positive plunger stop allows for maximum filling and eliminates costly spills
- Medical grade silicone lubricant inside barrel for smooth, accurate delivery
- Serrated thumb press for positive grip

Standard Needle Features

- Ultra-sharp, tri-beveled, anti-coring tips
- Translucent ISO color-coded hubs for easy viewing of flashback and quick gauge identification in or out of the packaging
- Anti-friction coating for minimal penetration resistance and animal discomfort

Standard Packaging Features

- Paper-to-plastic packaging is tamper-evident and ensures sterility
- Product information sticker on box and case box for easy inventory control
- Each syringe/combo has UPC, lot number, manufacture and expiration date printed on package

Item No.	Description	
1 cc Syringes (Box of 100; case of 24 Boxes)		
9178	NA	Luer Slip
1 cc Tuberculin Syringes (Box of 100; case of 24 boxes)		
9279	25Gx5/8"	Luer Slip
3 cc Syringes (Box of 100; case of 24 boxes)		
9216	22Gx1.5"	Luer Slip
9280	18Gx1.5"	Luer Lock
9282	20Gx1.5"	Luer Lock
9281	20Gx1"	Luer Lock
9200	20Gx1"	Luer Slip
9285	22Gx1"	Luer Lock
9215	22Gx1"	Luer Slip
9284	22Gx3/4"	Luer Lock
9210	22Gx3/4"	Luer Slip
9290	25Gx5/8"	Luer Lock
9291	25Gx5/8"	Luer Slip
9170	Syringe Only	Luer Lock
9100	Syringe Only	
6 cc Syringes (Box of 100; case of 24 boxes)		
9171	Syringe Only	Luer Lock
9110	Syringe Only	Luer Slip
12 cc Syringes (Box of 100; case of 12 boxes)		
9287	18Gx1"	Luer Lock
9250	18Gx1"	Luer Slip
9289	20Gx1.5"	Luer Lock
9288	20Gx1"	Luer Lock
9172	Syringe Only	Luer Lock
9120	Syringe Only	Luer Slip
9173	Syringe Only	Luer Lock
9130	Syringe Only	Luer Slip
35 cc Syringes (Box of 50; case of 6 boxes)		
9174	Syringe Only	Luer Lock
9140	Syringe Only	Luer Slip
60 cc Syringes (Box of 25; case of 8 boxes)		
9175	Syringe Only	Luer Lock
9150	Syringe Only	Luer Slip
U-100 Insulin Syringes (Box of 100; case of 10 boxes)		
9103	29Gx1/2"	NA
U-40 Insulin Syringes (Box of 100; case of 10 boxes)		
9101	1cc w/29Gx1/2"	NA
9102	1/2cc w/29Gx1/2"	NA

**B**

Syringes (continued)

Retail Packs

Ideal retail packs are the Ideal needles, syringes and combos offered in small quantities and packaged for the retail shelf.



A Soft Packed Disposable Syringes

Item No.	Size	Case Ct.
Luer Lock		
9263	3cc 6/pk	100
9264	6cc 6/pk	72
9265	12cc 4/pk	60
9266	20cc 4/pk	60
9267	35cc 2/pk	60
9268	60cc 2/pk	60
Luer Lock with Poly Hub Needles		
9184	3cc w/PH 22Gx3/4" 3/pk	100
9185	3cc w/PH 22Gx1" 3/pk	100
9187	1ccC w/PH 18Gx1" 3/pk	60
9188	12cc w/PH 20Gx1" 3/pk	60
Luer Slip		
9271	6cc 6/pk	72
9272	12cc 4/pk	60
9273	20cc 4/pk	60
9274	35cc 2/pk	60
9275	60cc 2/pk	60
9276	3cc 6/pk	100
Catheter Tip (Soft Packed)		
9495	60cc	24

Durable

Neogen's extensive line of drench and pour-on applicators includes the Prima line that has been trusted for many years. From applying wormer and insecticides to delivering antibiotics and medication, we have your applicator and drencher needs covered.

B Nylon Syringes

Durable nylon syringes are designed for one-hand operation, and are easy to disassemble and clean. The syringes have a luer lock fitting and accept oral drench pipes.



Item No.	Description	Case Ct.
9810	10cc Blue w/ Dosing Nut	12
9812	20cc Red w/ Dosing Nut	12
9813	30c Yellow w/ Dosing Nut and Drench Pipe	12
9814	30cc Green w/ Dosing Nut	12
9816	50cc Yellow w/ Dosing Nut	12
OA002	10cc Premium Std	6
OA003	10cc Premium w/ Dosing Nut	6
PA002	20cc Premium	6
PA003	20cc Premium w/ Dosing Nut	6
SA002	50cc Premium Std Syringe	6

C MegaShot™

Ideal's MegaShot pistol-grip syringe repetitively injects doses of 1 to 5 cc quickly and easily without sacrificing accuracy, as its rear dosage dial locks securely to ensure a precise dose. The frame and plunger disassemble easily for cleaning and sterilization. MegaShot features a rubber plunger and virtually indestructible Lexan barrel. Comes with an Ideal NeedleGard®.

Item No.	Description	Case Ct.
1000	MegaShot Syringe 50cc	12

Replacement parts for MegaShot Syringe - Luer lock adapter washer, packings and end washers.

Item No.	Description
9762	LL washer packings end washers
9717	Rear main frame handle spring and handle connecting screw
9741	PL Barrel/ EW / Packings Spreader Washer LL Washer
9706	Thumb Rest Inner Rod Packings and Ratchet Sleeve
9714	Luer Lock Adapter
9759	Thumb Rest and handle spring
9716	Front Trigger Handle, Handle Connecting Screw
9758	Dog Trigger, Dog Trigger Screw and Inner Spring

**D Pro-Shot™ II**

Ideal's Pro-Shot II 50 cc pistol-grip syringe is ruggedly built from high-impact aluminum to be both durable and light-weight. Its simple dosage sleeve can be easily adjusted from 1 to 5 cc. This syringe has a non-adjustable nylon plunger assembly and a luer lock hub. The extremely accurate Pro-Shot II combines the outstanding features of Ideal's time-tested pistol-grip syringes, yet is economically priced. Replacement O-ring included.

Item No.	Description	Case Ct.
1009	Pro-Shot II Syringe 50cc	12

**E Pro-Shot™**

Ideal's Pro-Shot pistol-grip syringe was engineered for the cost-conscious producer who doesn't want to sacrifice accuracy for price. Pro-Shot is built from light-weight high-impact plastic. Its transparent barrel is made of nonporous polypropylene, which will not discolor. Its simple dosage sleeve can be easily adjusted from 1 to 5 cc. This syringe has a non-adjustable nylon plunger assembly and a luer lock hub. The accurate 50 cc Pro-Shot syringe combines the features of Ideal's time-tested pistol-grip syringes, yet is economically priced. Replacement O-ring included.

Item No.	Description	Case Ct.
1008	Pro-Shot Syringe 50cc	12

**F Cowboy Syringe®**

A pistol-grip syringe at an economical price. Ergonomic handle made of strong ABS plastic. Built with a tough, non-porous plastic barrel and easy dosage adjustment, the Cowboy 50cc syringe delivers 1cc-5cc accurate, adjustable dosages. Extra rubber washer included.

Item No.	Description	Case Ct.
AA050	Cowboy Syringe 50cc	12





A Prima® Injectors

This versatile Prima Injector dials from 1 mL to 12.5 mL in .5 mL increments. It has an ultra-durable design with an elongated needle nut for extra application protection. Available with polycarbonate or polypropylene barrels for compatibility across all compounds.

Item No.	Description	Case Ct.
214102	12.5mL Adj. Injector Premium Polycarbonate Barrel	12
358844	12.5mL Adj. Injector Premium Polypropylene Barrel	12
336569	12.5mL Adj. Injector Premium 5" Drench Nozzle	12
343499	12.5mL Adj. Injector Value	32
206251	Barrel w/ O-ring for 12.5mL Injector	12

B Prima® Shooter Syringes

The Prima Shooter Syringe combines a sturdy rugged design with ease of use. It features a durable barrel housing that protects from breakage in unpredictable situations and is designed for quick and easy cleaning. Available in 2mL and 5mL adjustable dose.

Item No.	Description	Case Ct.
332240	Shooter Premium 2mL w/Unilock	12
332264	Shooter Premium 5mL w/Unilock	12

C Prima® BMV Syringes

The Prima Bottle Mount Vaccinator is designed to allow for efficient and effective application of all animal health injectables. The self-contained, one-handed unit allows for full mobility and automatic refilling of syringes without returning to the bottle. The line feed convertible barrels allow you to change from a bottle mount to a line feed vaccinator.

Item No.	Description	Case Ct.
351241	0.3mL Adj Premium	12
351883	0.3mL Fixed Premium	12
332370	0.5mL Adj Premium	12
341129	1mL Fixed Premium	12
206558	2mL Adj Premium	12
206657	5/6mL Adj Premium	12
364166	0.5mL Adj Premium w/Line Feed Convertible Barrel	32
348159	2mL Adj Premium w/Line Feed Convertible Barrel	12
348364	5mL Adj Premium w/Line Feed Convertible Barrel	12
351906	0.3mL Adj Value	32
351890	0.3mL Fixed Value	32
343413	0.5mL Adj Value	32
351937	0.5mL Fixed Value	32
356352	1mL Adj Value	32
344724	1mL Fixed Value	32
344762	2mL Adj Value	32
361004	2mL Fixed Value	32
343444	5/6mL Adj Value	32
352842	Barrel w/O-Ring Adj 0.3mL BMV	12
351616	Barrel w/O-Ring Adj 0.5mL BMV	12
344779	Barrel w/O-Ring Adj 1mL BMV	12
206800	Barrel w/O-Ring Adj 2mL BMV	12
206855	Barrel w/O-Ring Adj 5mL BMV	12
346506	Barrel w/O-Ring Fixed 2mL BMV	12

Prima Premium vs. Prima Value line

Don't be mistaken by premium or value, the quality of these syringes is identical. The difference between the two lines is packaging, color and included accessories. See the difference below.

Vaccinator & Injector	Premium Line Includes	Value Line Includes
Packaging	Premium Retail Box	Heat Sealed Bag
Handle color	Blue	Gray
Draw-Off	Unilock Draw-Off	None
Tubing	Soft Medical Grade	Soft Medical Grade
Needle nut	Metal	Metal

BMV	Premium Line Includes	Value Line Includes
Packaging	Premium Retail Box	Heat Sealed Bag
Handle Color	Blue	Gray
Bottle Collars	20mm, 30mm, 33mm	20mm
Fast Fit	100 mL, 250 mL	100 mL
Needle Nut	Metal	Metal

D Prima® Vaccinators

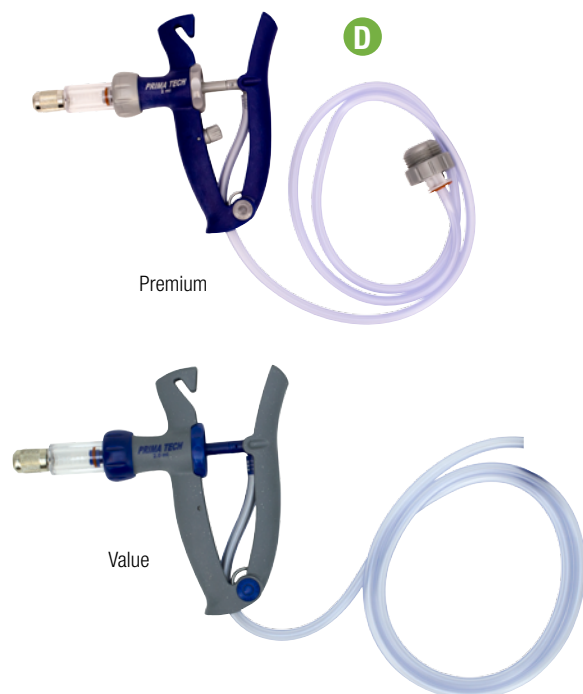
The Prima Vaccinator has a rugged construction and an advanced design, making it more comfortable to use. The syringe has an ergonomically designed handle to better fit the contour of your hand. The large dosage adjuster on the adjustable syringes makes changing dosages effortless.

Item No.	Description	Case Ct.
351777	0.5mL Adj Premium	12
351784	0.5mL Fixed Premium	12
349491	1mL Adj Premium	12
351722	1mL Fixed Premium	12
205803	2mL Adj Premium	12
351012	2mL Fixed Premium	12
206008	5mL/6mL Adj Premium	12
351593	0.5mL Adj Value	32
359698	0.5mL Adj Value w/ Draw-Off Caps	32
351791	0.5mL Fixed Value	32
351739	1mL Adj Value	32
359704	1mL Adj Value w/ Draw-Off Caps	32
351746	1mL Fixed Value	32
367754	1.5mL Fixed Value	32
212757	2mL Adj Value	32
359711	2mL Adj Value w/ Draw-Off Caps	32
213655	5mL/6mL Adj Value	32
359728	5mL/6mL Adj Value w/ Draw-Off Caps	32
353344	Barrel w/O-Ring Adj 0.5mL Vaccinator	12
353368	Barrel w/O-Ring Fixed 0.5mL Vaccinator Line Feed	12
353306	Barrel w/O-Ring Adj 1mL Vaccinator	12
353351	Barrel w/O-Ring Fixed 1mL Vaccinator	12
206404	Barrel w/O-Ring Adj 2mL for Vaccinator	12
353351	Barrel w/O-Ring fixed 2mL for Vaccinator	12
217400	Barrel w/O-Ring Adj 5mL/6mL for Vaccinator	12

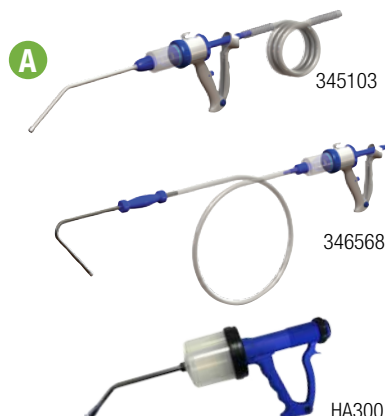
E Prima Marc™ Vaccinators

The Prima Marc Vaccinator design is unique to the animal health world allowing the user to simultaneously inject and mark the animal. When the dosage is administered, the squeezing of the syringe activates the spray can, which releases a mark of paint onto the animal. This encourages safe administration practices, improves quality control efforts and saves the cost of missed animals. The Prima Marc BMV allows for convenience and precision all in the palm of your hand.

Item No.	Description	Case Ct.
366108	0.5mL Adj Prima Marc BMV	12
366115	1mL Adj Prima Marc BMV	12
366122	2.0mL Adj Prima Marc BMV	12
366139	6.0mL Adj Prima Marc BMV	12
351968	0.5mL Vaccinator	12
351678	0.5mL Fixed Vaccinator	12
351685	1mL Adj Vaccinator	12
352019	1mL Fixed Vaccinator	12
334039	2mL Adj Vaccinator	12
339812	2mL Fixed Vaccinator	12
334053	5mL/6mL Adj Vaccinator	12
351968	Barrel w/O-Ring Adj 0.5 mL Marc	12
351678	Barrel w/O-Ring Fixed 0.5 mL Marc	12
351685	Barrel w/O-Ring Adj 1mL Marc	12
353405	Barrel w/O-Ring Fixed 1mL Marc	12
334039	Barrel w/O-Ring Adj 2mL Marc	12
339812	Barrel w/O-Ring Fixed 2mL Marc	12
211903	Barrel w/O-Ring Adj 5mL/6mL Marc	12

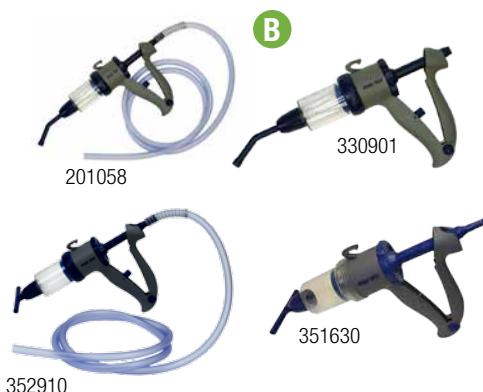


Syringes (continued)

**A Drench Syringes**

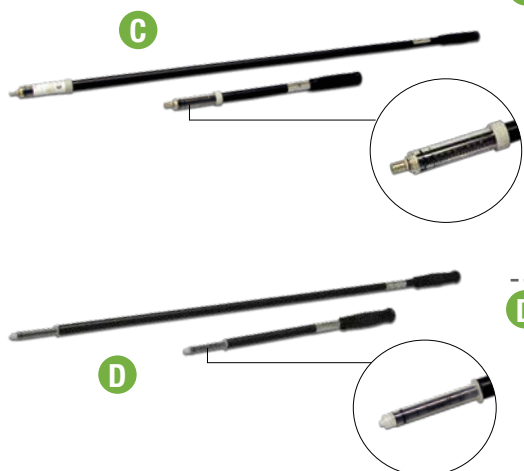
Automatic drenchers are built to precise standards and suitable for many drenching applications where accuracy and speed are needed. The guns have extremely rapid fill time and the dial-a-dose selection allows changes from large to small doses without any product wastage. Accessories include angled, hooked, and floating hook nozzles.

Item No.	Description	Case Ct.
345103	70mL w/6.6" Angled Drench	12
346568	70mL w/23" Floating Hook	12
365903	80mL w/Nozzle	12
365934	80mL w/Floating Hook	12
365743	80mL w/Long Angled Tip	12
HA070	70cc w/Nozzle	1
HA006	200cc w/Nozzle	1
HA300	300cc w/Nozzle	1

**B Prima® Pour-Ons**

Prima Pour-On guns allow for adjustable dosage increments with an accurate and easy to use dial-a-dose system. The guns have a shower head nozzle which avoids wastage from splashing, the nozzles are angled for easy administration of pour on medication, a T-bar applicator is also available. Guns are packed with soft medical grade tubing, hose armor springs, and nozzle.

Item No.	Description	Case Ct.
330901	30mL Adj w/8mm Hose Barb	12
351098	30mL Adj w/12mm Hose Barb	12
352910	30mL Adj w/8mm Barb/Tbar/Plastic Nozzle	12
201058	50mL Adj w/ P Barrel & soft tubing	12
332585	70mL Adj w/ P barrel & soft tubing	12
351630	80mL Adj w/Tritan™ Barrel & soft tubing	12
353627	Barrel 30mL Pour-On Applicator	12
346179	Barrel 70mL Pour-On Applicator	12

**C Safe-T-Flex™ Pole Syringes, 42"**

Ideal pole syringes provide a safe, fast and simple means of injecting large and small animals in situations where adequate restraint facilities, or space, are not available. The syringe consists of a nylon barrel attached to a flexible plunger. Single-dose syringes are available in 10cc and 20cc sizes.

Item No.	Description	Case Ct.
S100	Safe-T-Flex 42" 10cc	6
S200	Safe-T-Flex 42" 20cc	6
SR100-N	Barrel w/Nut 10cc	1
SR101-N	O-Ring 10cc	1

D Safe-T-Flex™ Pole Syringes, 36"

Designed for converting a standard hard pack single-use syringe with luer lock tip into a pole syringe. Available in 3cc and 12cc sizes.

Item No.	Description	Case Ct.
S030	Safe-T-Flex 36" 3cc	6
S120	Safe-T-Flex 36" 12cc	6

Insectrin® 1% Pour-On Xtra

- Ready-To-Use as a pour-on, spray or mist
- For use on lactating and non-lactating dairy cattle, beef cattle and calves
- For use on sheep to control sheep keds and lice
- Controls lice, horn flies, face flies, horse flies, stable flies, house flies, mosquitoes and black flies
- Use as a spot spray or premise spray



See Page 80

Neogen offers a variety of accessories to improve or modify the functionality of our syringes. From accessories that enhance our already dependable syringes to replacement parts, Neogen provides more than just a syringe.

E Prima® Mist Sprayer

The Prima Mist sprayer is a versatile addition to our Prima line of syringes. The mist produced from the sprayer has implications of use ranging from nasal vaccines, to topical application of medicines and anesthetics. The sprayer fits all Prima syringes, it is not suggested for use with syringes over 2 mL or the BMV Fast fit system.

Item No.	Description	Case Ct.
353597	Prima Mist Sprayer	12
364876	Prima Mist Replacement Foam Tip	12



F Sterimatic Needle Guards

The Sterimatic safety kit fits easily on to any Prima Syringe and offers unparalleled protection from deadly self-injection, the transmission of disease causing agents (including PRRS and E.coli) and accidental needle pricks. Able to be used with or without sterilizing SteriCaps®, which are safe to use with live or modified live vaccines.

Item No.	Description	Case Ct.
357021	Needle Guard Sterimatic ½" w/2 Stericaps w/o NDLS Clear	12
357038	Needle Guard Sterimatic 1" w/2 Stericaps w/o NDLS Green	12
358929	Sterimatic Caps (12/bag)	12



G Needle Exchanger

Needle exchanger; for enhanced safety in quickly changing needles.

Item No.	Description	Case Ct.
353177	Needle Exchanger Tool	12



H Needle Nut

For use with Prima Syringes.

Item No.	Description	Case Ct.
330840	Needle Nut Luer Lock Metal	12
334671	Needle Nut Replacement Metal 12.5mL Injector	12



I Vac-Pacs

Insulated bottle holders.

The Hip-Hugger uses a belt that straps around the waist.

The On-Arm straps to the upper arm with two comfortable Velcro straps that are extremely durable.

The Hanging version has a heavy Velcro strap that can be used to hang the unit on cattle chutes, processing carts, etc.

Item No.	Description	Case Ct.
120007	On-Arm L 500-1000mL	12
120052	On-Arm M 250mL	12
120106	On-Arm S 50-100mL	12
120151	Hanging L 500-1000mL	12
120205	Hanging M 250mL	12
120250	Hanging S 50-100mL	12
120304	Hip Hugger L 500-1000mL	12
120359	Hip Hugger M 250mL	12
120403	Hip Hugger S 50-100mL	12

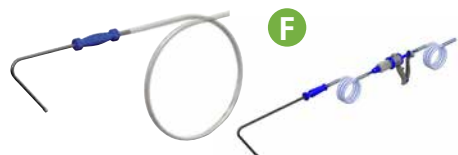
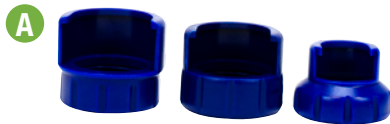


J Threaded Collar with Bottle

Clear PETE type bottle with treaded bottle collar. For use with Prima BMV syringes and any line fed syringe.

Item No.	Description	Case Ct.
358998	PETE Bottles 17oz (502mL) w/caps/28mm Bottle Collar	12
359001	PETE Bottles 33oz (975mL) w/caps/28mm Bottle Collar	12
359018	PETE Bottles 12oz (354mL) w/caps/28mm Bottle Collar	12
357403	PETE Bottles 12oz (354mL) w/travel caps, Bulk	50
357410	PETE Bottles 17oz (502mL) - Packed 50/case	50
357437	PETE Bottles 33oz (975mL) - Packed 50/case	50
347251	Bottle 250mL w/Travel Cap /Large Threaded Collar	50





A Prima® Bottle Collars

Standard bottle collars. For use with Prima Syringes.

Item No.	Description	Case Ct.
218902	Bottle Collar, Small 125mL/20mm Necks	12
332080	Bottle Collar, Medium 250mL/30mm Necks	12
339980	Bottle Collar, Large 250mL/33mm Necks	12
336699	Bottle Collar Threaded 28mm	12
349262	Unilock System w/Draw-Off Spike/20, 30, 33mm Collar & Tube	12

B Prima® Draw-Offs

For use with tube-fed syringes. Various sizes to fit all bottle types.

Item No.	Description	Case Ct.
141859	Draw-Off 20mm Small w/o Tubing	12
141804	Draw-Off 30mm Large w/o Tubing	12
220356	Draw-Off 33mm X-Large w/o Tubing	12
343567	Draw-Off Vented for Backpacks for Pour-On Tubing	1

C Tubing

Soft PUC tubing

Item No.	Description	Case Ct.
126054	Tubing 4'	12
343024	Tubing 10'	1

D Prima® Fast-Fit

Bottle holder for 100 and 250 mL bottles. For use with Prima BMV Syringes. (Page 42)

Item No.	Description	Case Ct.
336811	Fast-Fit 100/125mL/20mm	12
342713	Fast-Fit 250mL/30mm	12
342720	Fast-Fit 250mL/33mm	12
349927	Fast-Fit 250mL/33mm 5/bag	5

E Prima® Spike Accessories

For use with Prima BMV Syringes, the filtrating spike is over 99% effective in filtering debris from bottles.

Item No.	Description	Case Ct.
366153	Filtrating Spike	12
366382	Filtrating Spike Kit	12
340795	Spike Removal Tool	1
340931	Spike Buffer Seal BMV	12

F Prima® Drench Syringe Accessories

For use with Prima drench guns.

Item No.	Description	Case Ct.
345110	Floating Hook and Adapter 23"x8" for Pour-On	12
342737	Hooked Drench 8.6"x5.9"	12
333025	Nozzle Drench 3" Metal w/Metal Nut	12
332882	Nozzle Drench 4.75" Metal w/Metal Nut	12
334602	Nozzle Drench 5" Metal w/Metal Nut	12

G Prima® Pour-On Accessories

For use with Prima Pour-on guns to evenly distribute liquids.

Item No.	Description	Case Ct.
352507	Nozzle Modular, T-BAR	12

H Prima® Back Packs

Back packs have a hard plastic construction with vented cap to prevent vacuum from forming, for use with Prima Syringes.

Item No.	Description	Case Ct.
341662	1L w/Transit Cap/Stepped Cap/Hang Strap	1
341679	2.5L w/Transit Cap/Stepped Cap/Hang Strap	1
341686	5L w/Transit Cap/Stepped Cap/Hang Strap	1

**I Prima® Ag Chem Applicators**

From pest control to fertilization, Prima applicators and accessories make for a quick and accurate job.

Item No.	Description	Case Ct.
001780	Applicator w/Feeding Tube 12.5mL	12
001568	Nozzle 24" Ag Chem	1
001704	Nozzle 12" Ag Chem	1
001575	Spear 28" Ag Chem	1

**J Prima® Lubricating Oil**

This food grade manufacturing hydraulic oil is an anti-wear lubricant. Lubricates syringe o-rings.

Item No.	Description	Case Ct.
338013	Lubrication Oil Food Grade 2oz	12

**K Prima® O-Rings**

Silicone replacement O-rings for Prima Syringes.

Item No.	Description	Case Ct.
351272	0.3mL	12
349712	0.5mL	12
358769	1mL	12
203304	2mL	12
203502	5-6mL	12
206305	12.5mL	12



Neogen's various styles of calf pullers, including the well known Dr. Frank's puller, help assist with difficult birthing situations. Our comprehensive line of calving and lambing equipment is ideal for large livestock operations, small farms and veterinary practices alike.



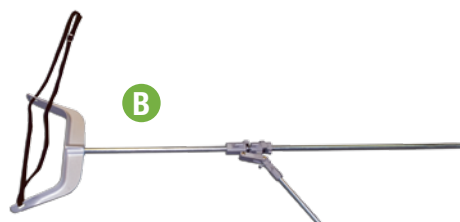
A Dr. Frank's® Calf Puller

Dr. Frank's Calf Puller is the original obstetrical instrument developed by B.N. Frank, DVM, a specialist in veterinary obstetrics. Dr. Frank's is a precision instrument that has proven its effectiveness year after year in thousands of calving cases.

The uniform tension of this unique fetal extractor does not permit slipping or backing-up of the jack. Traction on the calf and the counter-thrust against the cow induce spreading of the pelvic bones, elevation of the abdomen, and arching of the animal's back, all assisting in the natural birthing process.

The entire unit can easily be assembled in minutes. The smooth rods unscrew for easy storage and cleaning. Dr. Frank's comes packaged with a 45" OB chain (item 3102, on page 49). Made in the USA.

Item No.	Description
3002	Dr. Frank's Calf Puller w/Carrying Case
3003	Dr. Frank's Calf Puller
3005	Jack for Dr. Frank's
3006	72" Rods (pair)
3008	Breechen 23"
3009	Web Strap
3010	Vinyl Carrying Case Dr. Frank's Calf Puller
3011	Jack Handle for Dr. Frank's Calf Puller
9784	Dr. Frank's Cams & Springs Kit



B Calf-Eze™ Calf Puller

Calf-Eze is engineered for the user that prefers a dual action pull, or zig-zag motion, instead of a single action pull instrument.

Calf-Eze is superior to ratchet-style pullers that rely on grooved shafts with sharp edges and hard-to-clean grooves. Calf-Eze utilizes the same non-slip cam traction system as the Dr. Frank's Calf Puller, but has two pulling points that alternatively advance to shift the pull from one leg to the other.

The dual-action jack body is made of special strength aluminum and weighs only 17lbs. The jack assembly mechanism allows the user to easily position the jack on the rods and lock it in place. Steel cams prevent slipping and provide longer jack life. A third chain hook is also provided to give a single-pull option.

The Calf-Eze is suggested for use with two 45" OB chains (not included); available as item 3102 - see page 49). Made in the USA.

Item No.	Description
3022	Calf Eze Calf Puller, complete unit
3024	Calf Puller Jack for Calf-Eze
3006	72" Rods (pair)
3008	Breechen 23"
3009	Web Strap
9785	Calf-Eze Cams & Springs Kit



C Ratchet-Style Calf Puller

The Ratchet-Style Calf Puller can be your solution to difficult deliveries. Crafted with the finest quality steel, it will stand up to the toughest deliveries without letting you down.

The Ratchet-Style Calf Puller features steel rods that easily disassemble for cleaning and storage. The rods have smooth, clean grooves that lessen wear on the jack and give a much quieter ratchet than competitors' pullers. The jack is extremely durable, and has a large, comfortable handle that allows for single person operation. Large handles also greatly reduce the incidence of breakage, or pinched fingers and hands. The rods screw into the breechen, which provides stability during the birthing process.

The Ratchet-Style Calf Puller comes with a standard 66" rod and has an additional attachment to extend the rod to a full 78".

The jack conveniently offers both a zig-zag pull and a single-pull option. Many prefer the zig-zag pull as it helps avoid locking of the calf's shoulders in the pelvic opening.

Item No.	Description
3020	Calf Puller Ratchet Style

D OB Chain and Handles

Neogen's high quality OB accessories are a comfortable fit for any delivery. The OB handle is 1/2" in diameter and has a poly coated grip. The larger diameter and comfort grip make those difficult births easier on your hands. The durable, high strength OB chains come in 30", 45" and 60" lengths. Both the chains and handles are zinc-plated with an added rust inhibitor.

Item No.	Description
3100	OB Chain 30"
3101	OB Chain 60"
3102	OB Chain 45"
3104	OB Handle w/Poly Grip
TA700	Chain OB 30"
TA701	Strap OB 30"
TA703	Chain OB 45"
TA705	Chain OB 60"
TA710	Handle OB

**E OB Strap**

Heavy-duty 1" nylon makes our straps weather and mildew resistant. Nickel-plated, welded steel D-rings on both ends. Economical alternative to OB chains. For use with OB Handles.

Item No.	Description
3111	OB Strap Nylon 1"x30"
3112	OB Strap Nylon 1"x60"

**F Calf Snare**

Neogen's Save-a-Calf Snare loop is easily made larger or smaller by simply sliding the yoke. The snare is fabricated from high grade steel cable and has a thimble for use with Neogen's OB handle.

Item No.	Description
3108	Calf Snare Save-A-Calf Steel Cable
TA828	Calf Saver Snare

**G Wire Saw**

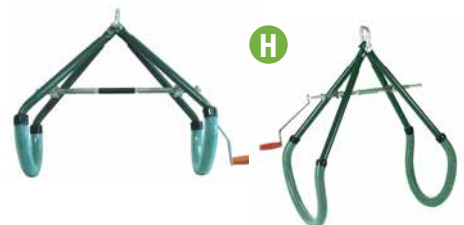
The 27-strand stainless steel wire saw provides easy and quick cutting. Packaged in a reusable plastic dispenser to prevent tangling. Handles come as a pair and are nickel-plated for easy clean-up. Thumb screws lock the wire in place.

Item No.	Description
3115	OB Wire Saw Stainless Steel 32"
3116	OB Wire Saw Handles 1pr
TA633	OB Saw Wire 12m
TA634	OB Saw Wire Handle Pair
TA635	OB Saw Wire 3.6m

**H Cow Lift**

For cows that cannot stand up on their own, such as right after giving birth. The gummed clamps are adjustable to the cow's size. The lift is placed over the cow's hips and tightened as necessary by cranking the handle, which secures the cow as she is lifted. This enables the cow to regain the use of her legs so she can be milked or treated.

Item No.	Description
TA1800	Cow Lift - up to 2,000lbs / 900kg
TA1805	Cow Lift - up to 3,300lbs / 1,500kg



OB Equipment (continued)

A

**A Pro-Fix® Button**

Designed for internal fixation of vaginal prolapse in a pre-parturient cow, the Pro-Fix button will reduce the prolapse, keep it from recurring and allow for normal parturition without assistance.

Item No.	Description
J100	Pro-Fix Button VPR 1kt

B Pro-Fix® Tubes

Designed for the repair of rectal prolapse in swine, ovine, and bovine, Pro-Fix Tubes eliminate the stricture problems sometimes associated with reduction methods of treatment. These precision molded, disposable plastic tubes are made in 5/8", 3/4", 1", 1 1/4", 1 1/2" and 2" OD sizes. The tubes are fully tapered on one end for easier insertion and have extra deep center grooves for better retention. The 1 1/2" and 2" OD sizes have holes in the center groove for suturing in place. Pro-Fix Tubes are available in various sizes.

Item No.	Description
R050	Pro-Fix Tubes 5/8" 24ct
R075	Pro-Fix Tubes 3/4" 16ct
R100	Pro-Fix Tubes 1" 12ct
R125	Pro-Fix Tubes 1.25" 16ct
R150	Pro-Fix Tubes 1.5" 16ct
R200	Pro-Fix Tubes 2" 9ct

B

**C Vet-Tie™**

Vet-Tie Braided Tape is a non-sterile, polyester braided tape developed for use with Pro-Fix Tubes (rectal rings) in repairing rectal prolapse in swine, ovine, and bovine. Available in narrow and wide widths, Vet-Tie can also be used in surgical procedures as a suture material or umbilical tape. Vet-Tie Braided Tape is packaged in a unique plastic vial, which permits dispensing of tape without removing the lid.

Item No.	Description
V125	Vet-Tie Narrow 1/8" 30yds
V375	Vet-Tie Wide 5/16" 30yds

C



Oral Instruments

When caring for livestock, there are cases in which medication is required to be administered orally. Neogen offers a wide variety of oral instruments like metal and plastic balling guns, dose syringes and pipes, rumen magnets, stomach pumps, and more to assist with this task.

D

**D Dental Floats**

File and clean the teeth of animals with these easy-to-use dental floats. The handle is made of wood and the shanks are made of fabricated metal. Comes with a straight shank, angled shank and two blades.

Item No.	Description
5250	Dental Float Combination w/2 Blades

E

**E Dose Syringes and Pipes**

Ideal's Dose Syringes dispense medication for oral or rectal administration to all animals. Heavy-duty, nickel finish brass construction. Plunger rod is calibrated in 1/2oz increments. Easy disassembly for sterilization and cleaning. Leak proof operation. Metal plunger with rubber O-ring.

Item No.	Description
4503	Dose Syringe 4oz Short w/6" Dose Pipe
4508	Dose Syringe 6oz Short w/9" Dose Pipe

F Metal Balling Guns

Sturdy balling guns feature metal fabrication to resist corrosion for long, trouble-free service. The heads are reinforced for extra strength to resist breakage.

Item No.	Description
4000	Balling Gun 16" Farmer's Steel Head - 1" diameter w/clips
4002	Balling Gun 16 3/4" Farmer's Plastic Head - 7/8" diameter w/clips
4006	Balling Gun 12" Plastic Calf Head - 5/8" diameter w/Brass Clips
4010	Balling Gun 17" Equine Steel Head
TA774	Balling Gun Stainless Steel 16 3/4" Plastic Head - 1" diameter

**G Plastic Balling Guns**

Corrosion resistant, light weight plastic balling guns for the cost conscious producer.

Item No.	Description
4015	Balling Gun Plastic M
4016	Balling Gun Plastic S

**H Multi-Bolus Balling Gun**

The Multi-Bolus Balling Gun was designed for delivery of up to six boluses. The trigger action dispenses one bolus with each squeeze of the handle. Multiple bolus doses are delivered quickly and easily with little stress to the animal and operator. Administers six 240-gram capsules and is 17 1/2" long.

Item No.	Description
4013	Multi-Bolus Balling Gun 17.5"

**I Pig Tooth Nippers**

These nippers are for clipping the sharp needle teeth of baby pigs, thus preventing damage to the sow's teats. Made of Stainless Steel.

Item No.	Description
5200	Pig Tooth Nipper

**J Rumen Magnets**

Rumen magnets attract metal objects in the rumen to help prevent hardware disease. Powerful 3" rectangular magnets are 1/2" in diameter. Ringed ferrite rumen magnets are 3/4" in diameter by 2 3/4" long.

Item No.	Description
TA133	Rumen Magnet Ringed Ferrite Each
9803	Rumen Magnet Ringed Ferrite 3pk
9804	Rumen Magnet Ceramic 3pk
TA134	Rumen Magnet Alnico V Each
TA140	Rumen Magnet Alnico V 3/pk
TA145	Rumen Magnet Ceramic Nylon Coated Each
TA2503	Rumen Magnet Stainless Steel 3/pk
TA2504	Rumen Magnet Stainless Steel Each
TA2500	Rumen Magnet In Plastic Case

**K Stomach Pump Set**

This efficient, light weight stomach pump is solidly constructed of highly-polished, nickel-plated brass. It contains ball valves for efficient suction and has a tapered hose connection that fits most stomach tubes. The stomach tube should be passed with a speculum. Includes 1 pump and 10' koroseal stomach tube (7/8"OD and 3/8" ID).

Item No.	Description
8001	Stomach Pump Set

**L Speculum**

Frick's style speculum is 18 5/8" and is for use with the Stomach Pump Set.

Item No.	Description
8700	Speculum Frick's Style 19 5/8"



Udder Care

Neogen provides solutions for today's dairy farm udder care needs. We provide quality products to help prevent and treat teat issues common on dairy farms. Teat health is an important concern to avoid mastitis and high Somatic Cell Counts (SCC). Our dip cups come in non-returning and foaming to ensure teats are treated with appropriate coverage and mastitis causing bacteria is not spread. Our line also includes milk tubes, udder infusion cannula, teat dilators and teat bandage.



A Milk Tubes

Ideal's Milk Tubes are brass with a nickel finish, clean-cut eyes, a smooth retaining ball, and are free from burrs.

Item No.	Description
8100	Milk Tubes Adjustable 3.5" 3pk
8102	Milk Tubes Assorted Fixed Sizes 3pk
8104	Milk Tubes Fixed 2.5" 3pk
8105	Milk Tubes Fixed 3" 3pk

B Teat Bandage

Self-clinging, elastic, soft and doesn't stick to skin or wound.

Item No.	Description	Case Ct.
TA1859	Teat Bandage 1 roll/box	96

C Dr. Naylor Teat Dilators

Dr. Naylor teat dilators furnish soft, comfortable protection to injured teat lining, and keeps the teat canal open while the injured tissue heals. Contains no antibiotics. Easy to insert. Stays in the teat. Packed in a special lubricant.

Item No.	Description
DIL	Dr. Naylor Teat Dilators, 40's

D Teat Dip Cups

Ensure fresh dip for each cow. Liquid squeezed up into the cup does not siphon back down into the main reservoir, preventing contaminants from flowing into the unused dip. With attached belt hook. Holds approx. 10 fl. oz.

Item No.	Description
TA1915-SYR	Teat Dip Cup Non-Return

E Teat Tumor Extractor

Teat Tumor Extractor is Hugs style with polished chrome, which allow for easy and rapid removal of calculi formations. The extractor has been an industry standard for over 20 years.

Item No.	Description
8303	Teat Tumor Extractor Hugs Type

F Udder Infusion Cannula

Ideal's Udder Infusion Cannulas are made of nickel-finished brass with a square needle hub.

Item No.	Description
1367	Udder Infusion Cannula 2.5" 3pk
1369	Udder Infusion Cannula 3.75" 3pk

Udder Creams and Balms

Neogen's udder care products provide soothing, moisturizing and healing properties of natural mint oils, aloe, lanolin and Vitamin E for cow health and comfort.

See Page 7



Ideal's ElectroJac 6 combines the best of more than 30 years experience in automated semen collection instrument design and manufacturing, with state-of-the-art technology, featuring its unique flexibility of automatic and manual settings, ElectroJac 6 is the perfect field unit for even hard-to-collect bulls.

- Unparalleled simplicity of use
- Improved electronics to prevent overcharging
- Powerful gel cell battery
- Bright numeric display
- Trade-in program available

G ElectroJac® 6

The Complete ElectroJac 6 System, with your choice of 1", 2", 2.5" or 3" probe.

Item No.	Description
6906-1	ElectroJac 6 Complete w/1" probe
6906-2	ElectroJac 6 Complete w/2" probe
6906-25	ElectroJac 6 Complete w/2.5" probe
6906-3	ElectroJac 6 Complete w/3" probe
The complete kits includes:	
6901	ElectroJac 6 Carrying Case
6903	ElectroJac 6 Battery Charger AC
6910	ElectroJac 6 Dwell Cable Assembly 20'
6912	ElectroJac 6 Probe Cable Assembly 20'
6915	ElectroJac 6 Wireless Dwell Remote
6916	ElectroJac 6 European/Universal Battery Charger
6983	Semen Collection Director Cone
C100	Semen Collection Cone 100/pk
6984	Semen Collection Vials
6985	Semen Collection Handle Assembly
6986	Scrotal Tape Metric
6989	ElectroJac 6 Ram/Boar Probe 1" (25mm)
6990	ElectroJac 6 Bull Probe 2" (51mm)
6992	ElectroJac 6 Bull Probe 2.5" (64mm)
6993	ElectroJac 6 Bull Probe 3" (77mm)
ElectroJac 6 Accessories	
6902	ElectroJac Replacement Battery
C101	Semen Collection Vials 100/bag
C103	AI Rubber Retaining Band 25/pk



Artificial Insemination



Insemination

Neogen provides a complete line of artificial insemination and breeding supplies that reproduction professionals trust. With over 30 years' of experience in providing the tools for livestock semen collection and artificial insemination we have built product lines that meet the Neogen quality standards that professionals in the field count on the get the job done.

A Catheters

For artificial insemination in swine.



Item No.	Description	Case Ct.
333117	Catheter Sow Green w/Handle & Plug (Y-2H) 5/pk	500
333124	Catheter Sow Green w/o Handle (Y-2) 5/pk	500
334848	Catheter Foam White w/o Handle 5/pk	500
334855	Catheter Foam White w/Handle & Plug (T1H) 5/pk	500
334862	Catheter Gilt Green w/o Handle (S-22) 5/pk	500
334879	Catheter Gilt Green w/Handle & Plug (S1H) 5/pk	500
334886	Catheter Spiral White w/Handle & Plug N2 Spiral 5/pk	500
334893	Catheter Spiral Blue 5/pk	500
352316	Catheter uterine deep Soft/Flex w/o Ball Tip/handle	500

B Chemise

Protective sleeves to pull over insemination rods that help prevent transmission of contaminants during insemination or embryo transfer. Comes in perforated, easy-tear rolls.

Item No.	Description	Case Ct.
TA837C-18	Chemise Sanitary 18" For AI Pack 100/bx	12
TA837C-21	Chemise Sanitary 21" For ET Pack 80/bx	12

**B****C Semen Bottle**

For artificial insemination in swine.

Item No.	Description	Case Ct.
334909	Semen Bottle 100mL w/Break-Away Tip & Caps 5/pk	500

**C****D Tweezers**

Specially designed polyester tweezers for easy removal of semen straws from canisters. The grooved tip grips and surrounds the straw without crushing. Transmits little heat or cold. Individually wrapped. 6.5" (16.51cm) long

Item No.	Description
Tweezers	Cito Straw Tweezers 6.5"

**D****E Cutters**

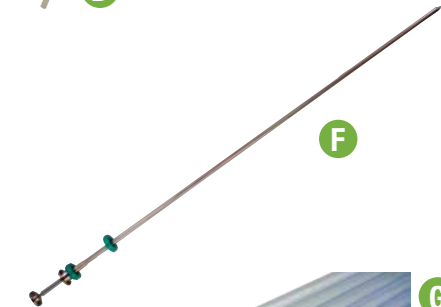
Designed to quickly cut off the sealed end of semen straws. It is made of non-corrosive plastic with a stainless steel blade which cuts off the proper length with a push of the button. Easy to disassemble and wash without tools. 2.25" (5.72cm) diameter.

Item No.	Description
Cutters	Cito Straw Cutters

**E****F Universal Syringe**

This stainless steel syringe gun will seat both ½cc (0.5mL) and ¼cc (0.25mL) semen straws, just by changing the direction of the barrel, O-ring style uses slit sheaths with green insert. 17.5" long.

Item No.	Description
D301	Universal Syringe

**F****G Infusion Tubes**

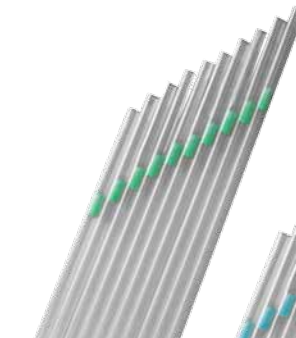
Drilled infusion tubes have one uniquely drilled end which allows for a tight fit with any standard luer-tip syringe, eliminating the need for connector adapters. Made from high quality polymers with round, smooth and polished ends for easier insertion. 25 tubes/bag, 40 bags/case.

Item No.	Description	Case Ct.
AI2100	Infusion Tubes Drilled 21" 25/bag	40

**G****H Sheaths Slit**

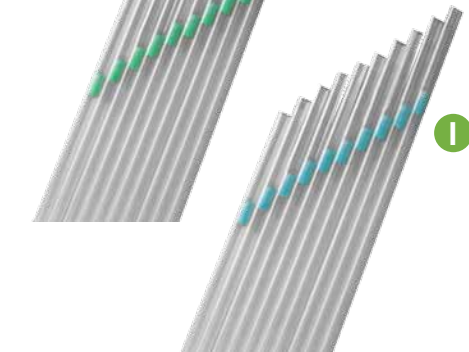
PVC sheaths designed with an insert that provides a secure seat for a semen straw. Slit to work with O-ring guns. 17.5" long, 0.178" outer diameter.

Item No.	Description	Case Ct.
4405C SYR	Sheaths w/Green Insert/Slit 50/pk	20

**H****I Sheaths Unslit**

PVC sheaths designed with an insert that provides a secure seat for a semen straw. Unslit to work with spiral guns. 17.5" long, 0.178" outer diameter.

Item No.	Description	Case Ct.
4505C SYR	Sheaths w/Blue Insert/Unslit 50/pk	20

**I**

Protective Wear



Neogen is proud to offer the Prima Polyurethane boots in steel and non-steel varieties. The Prima line of products is known worldwide for quality, dependability, and value.

Boots specifically manufactured for agricultural and animal health use

- 40% lighter than rubber or PVC
- Rugged, lasts 3 to 4 times longer than PVC
- Self-cleaning sole design to help prevent buildup of manure in the tread pattern
- Made of lightweight polyurethane with additional proprietary raw materials to reduce bacteria and fungi buildup
- Insulated with Thinsulate material
- Wider fitting for added comfort
- Safer due to the higher steel toe cap in the safety boots
- More slip resistant with an improved sole profile
- Easy to remove with cleat profile and spur molded in to the heel

A Brown Boot

Item No.	Description	Case Ct.
356314	Brown Boot Size US 5	5
355225	Brown Boot Size US 6	5
355249	Brown Boot Size US 7	5
354637	Brown Boot Size US 8	5
354330	Brown Boot Size US 9	5
354303	Brown Boot Size US 10	5
354310	Brown Boot Size US 11	5
354365	Brown Boot Size US 12	5
355263	Brown Boot Size US 13	5
356321	Brown Boot Size US 14	5



B Yellow Safety Boot with Steel Toe

Item No.	Description	Case Ct.
356222	Yellow Safety Boot Size US 2	5
356239	Yellow Safety Boot Size US 3	5
356246	Yellow Safety Boot Size US 4	5
356253	Yellow Safety Boot Size US 5	5
355218	Yellow Safety Boot Size US 6	5
355232	Yellow Safety Boot Size US 7	5
354624	Yellow Safety Boot Size US 8	5
354358	Yellow Safety Boot Size US 9	5
354323	Yellow Safety Boot Size US 10	5
354341	Yellow Safety Boot Size US 11	5
354372	Yellow Safety Boot Size US 12	5
355256	Yellow Safety Boot Size US 13	5
356260	Yellow Safety Boot Size US 14	5
356277	Yellow Safety Boot Size US 15	5



Disposables

Developed for protective and sanitary use in farm and industrial applications, Neogen's disposable boots are dependable and economical. Whether used on the farm or in the processing plant, Neogen disposable boots are of the highest quality and meet the needs of the most demanding user.

C Elastic Band Boot

An economical disposable boot designed for protective and sanitary use in farm and industrial operations, the disposable boot is 15" tall and available in 2.0, 3.0, 4.0, and 6.0 mil thicknesses. The boot has an elastic band sealed at the top for easy application and better protection. Available in two sizes, medium/large (up to shoe size 12) and extra large (up to shoe size 16). Boots are packaged in bags of 50 boots (25 pair).

Item No.	Description	Case Ct.
BC200	Boot w/Elastic Band 2.0 mil M/L 25 pair	10
BC200-XL	Boot w/Elastic Band 2.0 mil XL 25 pair	10
BC300	Boot w/Elastic Band 3.0 mil M/L 25 pair	10
BC300-XL	Boot w/Elastic Band 3.0 mil XL 25 pair	10
BC400	Boot w/Elastic Band 4.0 mil M/L 25 pair	10
BC400-XL	Boot w/Elastic Band 4.0 mil XL 25 pair	10
BC600-XL	Boot w/Elastic Band 6.0 mil XL 25 pair	8



Disposable Boots (continued)



A MaxiBoot

Developed for protective and sanitary use in farm and industrial applications, the disposable MaxiBoot is made from a dark brown blended polymer film. It is available in 4.0 mil (heavy duty) film thickness. The calf length boot is extra tall (18") and is available in two sizes: medium/large (up to shoe size 11) and extra large (up to shoe size 14). The MaxiBoot has a unique press-tab fastener closure. Boots are packaged in resealable plastic bags of 50 boots (25 pair).

Item No.	Description	Case Ct.
MT400	MaxiBoot 4.0 mil M/L 25 pair	8
MT400-XL	MaxiBoot 4.0 mil XL 25 pair	8

B PolyBoot

Designed for use in farm and industrial applications, the disposable PolyBoot is available in 3.0 mil film thickness and is 18" tall. This calf length boot is available in one size, medium/large, is shaped to fit a wide range of shoe sizes and features press-tab fasteners. Boots are packaged in resealable plastic bags of 50 boots (25 pair).

Item No.	Description	Case Ct.
BT300	PolyBoot 3 mil M/L 25 pair	12

C Elastic Top Boot

Clear plastic disposable over-the-shoe boots with an elastic top. These boots are extra heavy-duty at 6.5 mil in thickness. Shaped to fit most shoe sizes.

Item No.	Description	Case Ct.
TA729	Elastic Top Plastic Boots 6.5 mil 25 pair	10

D Polyethylene Overboot

Clear plastic disposable over-the-shoe boots with tie closure. Easy to slip on and off.

Item No.	Description	Case Ct.
TA719	Polyethylene Overboots 3 mil 5 pair	10
TA724	Polyethylene Overboots 3 mil 50 pair	10
TA723	Polyethylene Overboots 4 mil 25 pair	10

Gloves

Neogen gloves are available in vinyl, latex, and the ever-popular nitrile styles. These gloves provide superior protection, durability and sensitivity at an affordable price. Most gloves have a fully textured palm and fingers, allowing a strong grip for both wet and dry applications. Powdered and powder-free versions available in most styles.



E Blue Nitrile Gloves

Our nitrile gloves are 100% latex free. Fully textured palm and fingers allow a strong grip for both wet and dry applications. They provide superior puncture, tear and chemical resistance with excellent tactile sensitivity and dexterity. Gloves are powder-free and ambidextrous, with a thickness of 4.0 mil and length of 9". Packs of 10.

Item No.	Description	Case Ct.
3132	Blue Nitrile Gloves M 10/pk	24
3120	Blue Nitrile Gloves L 10/pk	24
3122	Blue Nitrile Gloves XL 10/pk	24



F Latex Gloves

Available powdered or powder-free, Ideal's latex gloves provide superior protection at an affordable price. Gloves are 4.0 mil in thickness and are available in four sizes. 100 per box.

Item No.	Description	Case Ct.
AT300-S	Latex Gloves S 100/bx	10
AT300-M	Latex Gloves M 100/bx	10
AT300-L	Latex Gloves L 100/bx	10
AT300-XL	Latex Gloves XL 100/bx	10
AT300PF-S	Latex Gloves Powder-Free S 100/bx	10
AT300PF-M	Latex Gloves Powder-Free M 100/bx	10
AT300PF-L	Latex Gloves Powder-Free L 100/bx	10
AT300PF-XL	Latex Gloves Powder-Free XL 100/bx	10

G Powdered Nitrile Gloves

Ideal's Powdered Nitrile Gloves provide all the features of more expensive nitrile gloves at an economical price. Gloves are lightly powdered, 4.0 mil in thickness and available in five sizes, including XXL.

Item No.	Description	Case Ct.
AT400-S	Powdered Nitrile Gloves S 100/bx	10
AT400-M	Powdered Nitrile Gloves M 100/bx	10
AT400-L	Powdered Nitrile Gloves L 100/bx	10
AT400-XL	Powdered Nitrile Gloves XL 100/bx	10
AT400-XXL	Powdered Nitrile Gloves XXL 90/bx	10

**H PRO-TECT 6 MIL® Nitrile Gloves**

Ideal's PRO-TECT Nitrile Gloves are designed to provide extra protection at 6 mil in thickness. Gloves are powder-free and latex-free. 100 per box.

Item No.	Description	Case Ct.
TA576-PRO	PRO-TECT Nitrile Gloves Powder-Free 6 mil S 100/bx	10
TA586-PRO	PRO-TECT Nitrile Gloves Powder-Free 6 mil M 100/bx	10
TA596-PRO	PRO-TECT Nitrile Gloves Powder-Free 6 mil L 100/bx	10
TA597-PRO	PRO-TECT Nitrile Gloves Powder-Free 6 mil XL 100/bx	10

**I TrueBlack Premium Nitrile Gloves**

Ideal's TrueBlack Premium Nitrile Gloves provide strength and durability for extended use and increased hand protection. Gloves are 5.0 mil in thickness in the palm, 5.5 mil in thickness in the fingertip, and have a textured finish. Available in four sizes. 100 per box.

Item No.	Description	Case Ct.
AT450-S	TrueBlack Premium Nitrile Gloves S 100/bx	10
AT450-M	TrueBlack Premium Nitrile Gloves M 100/bx	10
AT450-L	TrueBlack Premium Nitrile Gloves L 100/bx	10
AT450-XL	TrueBlack Premium Nitrile Gloves XL 100/bx	10

**J TrueBlue Premium Powder-Free Nitrile Gloves**

Ideal's TrueBlue Premium Powder-Free Nitrile Gloves provide superior protection, durability and sensitivity at an affordable price. Gloves are 4.0 mil in thickness in the palm, 4.5 in the fingertip and have a textured finish. Available in four sizes. 100 per box.

Item No.	Description	Case Ct.
CB400-S	TrueBlue Premium Powder-Free Nitrile Gloves S 100/bx	10
CB400-M	TrueBlue Premium Powder-Free Nitrile Gloves M 100/bx	10
CB400-L	TrueBlue Premium Powder-Free Nitrile Gloves L 100/bx	10
CB400-XL	TrueBlue Premium Powder-Free Nitrile Gloves XL 100/bx	10



OB Sleeves

Neogen is the standard of quality when it comes to breeding sleeves. Neogen offers multiple combinations of lengths, thicknesses, and styles, including sterile options, whether used in artificial insemination, pregnancy checking or surgery. With Neogen's numerous choices of OB sleeves to choose from, we provide the perfect fit for everyone.



A Genia Extra-Protection

Genia OB sleeves provide extra protection by covering the shoulder, chest and underarm area. The sleeve is held firmly in place by a neck strap. Sleeve measures 48" from fingertip to neck strap.

Item No.	Description	Case Ct.
307620	Genia Extra-Protection OB Sleeve w/Neck Strap 50/bx	10



B BreederSleeve®

Affordable, quality shoulder length sleeves, packaged in a convenient dispenser box. Red, 1.0 mil, 36" Length

Item No.	Description	Case Ct.
BS100	BreederSleeve 100/bx	10



C BreederSleeve® Plus

Economical extra-long sleeves, packaged in a convenient dispenser box. Orange, 1.0 mil, 39" Length

Item No.	Description	Case Ct.
BSP100	BreederSleeve Plus 100/bx	10



D EquiSleeve®

Disposable EquiSleeve OB Sleeves are made of a thin clear 1.0 mil copolymer film, providing the ultimate in sensitivity and softness. Due to the unique copolymer film, the EquiSleeve has extremely smooth seams reducing irritation of the sensitive muscosal lining, while providing the strength necessary for the most difficult exams. Packaged in resealable, pressure-sealed bags (PolyPack). 1.0 mil, 36" Length.

Item No.	Description	Case Ct.
ES100	EquiSleeve 100/bx	12
SES100	EquiSleeve Clear Sterile 12/pk	12



E MaxiSleeve®

Disposable MaxiSleeve OB sleeves are made from a blended polymer film for an optimum strength to sensitivity ratio. Packaged in resealable, pressure-sealed bags (PolyPack). 39" Length.

Item No.	Description	Case Ct.
M100	MaxiSleeve 1.1 mil Yellow 100/pk	10
M125	MaxiSleeve 1.25 mil Brown 100/pk	10
M125-HD	MaxiSleeve HD 1.4 mil Green 100/bx	10
M125-F	MaxiSleeve 1.25 mil Brown Fingerless 100/pk	10
SM100	MaxiSleeve 1.1 mil Yellow Sterile 12/pk	12
SM125	MaxiSleeve 1.25 mil Brown Sterile 12/pk	12
SM125-F	MaxiSleeve 1.25 mil Brown Sterile Fingerless 12/pk	12



F PolyShield™

An economical alternative, designed for use where minimal protection is required. PolyShield sleeves are a perfect fit for most swine operations. Packaged in a convenient dispenser box. 0.8 mil, 34" Length

Item No.	Description	Case Ct.
PS151	PolyShield Purple 200/bx	10



G PolySleeve®

Disposable, polyethylene PolySleeve OB Sleeves are packaged in resealable, pressure-sealed bags (PolyPack).

Item No.	Description	Case Ct.
P100	PolySleeve 1.1 mil Buff 100/pk	12
P125	PolySleeve 1.25 mil Blue 100/pk	10
P125-S	PolySleeve 1.25 mil Blue Small Hand 100/pk	10
P125-F	PolySleeve 1.25 mil Blue Fingerless 100/pk	10
SP100	PolySleeve 1.1 mil Sterile 12/pk	12
SP125	PolySleeve 1.25 mil Sterile 12/pk	12
SP125-S	PolySleeve 1.25 mil Sterile Small Hand 12/pk	12
SP125-F	PolySleeve 1.25 mil Sterile Fingerless 12/pk	12



G

H PolyPetite™ Sleeve

The PolyPetite is the best fitting small-hand sleeve on the market! Slimmer fitting through the fingers, wrist and arm for easier palpations by small-handed technicians. Packaged in a convenient dispenser box. Also available sterilized. Available in 1.25 mil, 36" length. *Neogen is proud to announce that 10% of sale proceeds of our PolyPetite sleeves will be donated to the Markey Cancer Foundation for breast cancer research.*

Item No.	Description	Case Ct.
P125-P	PolyPetite Pink 100/bx	10
SP125-P	PolyPetite Pink Sterile 12/pk	12



H

I Standard OB Sleeves

Designed for OB and AI use, Ideal's shoulder-length sleeve is a premium sleeve at an economy price. Made from a high quality polyethylene fiber for maximum strength and optimal sensitivity. 1.25 mil, 39" Length.

Item No.	Description	Case Ct.
3106	Standard OB Sleeves 36" Clear 100/bx	20
3110	Standard OB Sleeves 36" Clear 10/pk	80
TA844	Standard OB Sleeves 39" Brown 100/pk	10
TA843	Standard OB Sleeves 36" Orange 100/bx	10



I

J PolySem® Polytactyl®

The ultimate in strength and touch sensitivity. Packaged in a convenient dispenser box. 36" overall length, yellow, 1.3 mil

Item No.	Description	Case Ct.
VGT3090	Polytactyl 1.3 mil 100/bx	10



J

K PolySem® Polyver® Sleeves

Disposable PolySem Polyver sleeves offer the thickest protection available and optimum resistance to tearing. Packaged in a convenient dispenser box. 36" overall length, green, 1.4 mil

Item No.	Description	Case Ct.
VGP3090	PolySem Polyver Sleeves 80/bx	10



K

L PolySem® Special Deliverance® Sleeves

Disposable Special Deliverance sleeves provide excellent strength and are ideally suited for most animal health applications. Packaged in a convenient dispenser box. 36" overall length, orange, 1.2 mil

Item No.	Description	Case Ct.
VGS3090	PolySem Special Deliverance Sleeves 100/bx	10



L

Apparel

Designed for veterinarian use when performing large animal procedures, Ideal's veterinary apparel is made from a urethane coated nylon oxford material. The garments are navy blue in color, highly water resistant, breathable and machine washable. Custom sizes of all garments may be special ordered.

Durables



A OB Gown

Full length navy blue veterinary OB Gown with short sleeves for maximum coverage and protection when performing cesarean sections and other large animal procedures. Made from urethane coated nylon oxford material that is highly water resistant, breathable and machine washable. Has Velcro fasteners in the back for a secure fit. Available in Large & XLarge.

Item No.	Description
VA500-L	OB Gown L
VA500-XL	OB Gown XL

B OB Jacket

Short sleeve OB jacket with button front closure that covers down to the mid-thigh that is breathable for comfort. Navy blue colored urethane coated nylon that is highly water resistant and machine washable. Available in Large & XLarge.

Item No.	Description
VA301-L	OB Jacket L
VA301-XL	OB Jacket XL

C OB Suit

Get full protection for large animal procedures with this highly water resistant and breathable urethane coated nylon oxford OB Suit. Short sleeve pull over top and pants bottoms sold separately. Navy blue color and machine washable. Available in Medium, Large & XLarge.

Item No.	Description
VA101-M	OB Suit Top M
VA101-L	OB Suit Top L
VA101-XL	OB Suit Top XL
VA102-M	OB Suit Bottom M
VA102-L	OB Suit Bottom L
VA102-XL	OB Suit Bottom XL

D Shoulder Protector

Urethane coated nylon oxford material that is highly water resistant for protection from fluids and manure during OB and AI procedures. Has an elastic sleeve support to keep OB sleeves in place. May be worn on either arm and has adjustable straps for a secure fit. Navy blue in color and machine washable. Available in Small & Large

Item No.	Description
VA900-S	OB Shoulder Protector S
VA900-L	OB Shoulder Protector L

E Vet Apron

Large full length Vet Apron with extra-long ties in one-size fits all. Made from a urethane coated nylon oxford material that is highly water resistant and breathable for maximum comfort. Navy blue color and Machine washable. One size fits all.

Item No.	Description
VA400	Vet Apron 1 Size

Disposables**F Vet Overall**

Designed for veterinary use providing complete protection these Vet Overalls are made from urethane coated nylon oxford material that is highly water resistant and breathable. Straps have Velcro fasteners for a secure fit. Navy Blue color and machine washable. Available in Small, Medium, Large & XLarge

Item No.	Description
VA600-S	Vet Overall S
VA600-M	Vet Overall M
VA600-L	Vet Overall L
VA600-XL	Vet Overall XL

**G PolyGown**

Made of 1.3 mil lightweight embossed polyethylene film, the Ideal PolyGown is designed for veterinary and livestock applications where minimal protection is needed. PolyGown is packaged in a convenient dispenser box for easy removal and is available in three sizes.

Item No.	Description
DG100-M	PolyGown M 20/bx
DG100-L	PolyGown L 15/bx
DG100-XL	PolyGown XL 10/bx

**H Veterinary Gown**

The Ideal Veterinary Gown is made of durable 1.2 mil polyethylene film and is designed for those veterinary procedures where disposable full-body protection is needed. The Veterinary Gown is 61" in length, has a slit neck for ease in donning and comfort pleats in the back to facilitate ease of movement. The Veterinary Gown is packaged in a heat sealed bag containing 25 gowns per pack. One size fits all.

Item No.	Description
VG100	Vet Gown Full Body 25pk

**I PolyApron**

Designed for durable protection of clothing when treating or grooming large and small animals, the disposable Ideal PolyApron is made from blue heavyweight 4.5 mil polyethylene film. Available in one size (28"x46"), the apron has extra-long ties for ease of tying in front. PolyApron is packaged and sealed in a polyethylene sleeve containing 10 aprons. One size fits all.

Item No.	Description
A450	Vet Apron 10/pk

J Blue Dairy Apron

For use on the farm or around the home, the Ideal Blue Dairy Apron comes with an adjustable neck strap and ties in the back. One size fits all.

Item No.	Description
TA1858	Blue Dairy Apron

Apparel Sizing Chart**Size Chart**

Tops Size	Chest	Arms
Small	46"	18"
Medium	49"	18"
Large	54"	18"
X-Large	55"	20"

Bottoms Size	Waist	Inseam
Small	37"	30"
Medium	42"	31"
Large	44"	32"
X-Large	48"	34"

Care Instructions

- Shake out after use
- Remove any excess dirt and grime
- Spray with a hose and pre-soak
- Machine wash on normal cycle in COLD water
- Shake out, DO NOT DRY IN DRYER - line dry only



Dairy Diagnostics

Neogen offers several general diagnostic tests for the animal health industry.



A BetaStar® Plus

BetaStar Plus is used to detect beta-lactam antibiotic residues, including amoxicillin, ampicillin, cephalixin, cloxacillin, penicillin, and ceftiofur in raw, commingled cow milk.

Item No.	Description
BKB150	BetaStar Plus Starter Kit (RPI)
BSP102	BetaStar Plus 25 tests



B Penzyme

Penzyme is an enzymatic test that permits fast detection in milk of beta lactam antibiotics used in the prevention and treatment of cattle diseases, in particular mastitis.

Item No.	Description
73489	Penzyme Heat Block 120V
74184	Penzyme Milk Test 25 tests
74185	Penzyme Test III 100ct

C California Mastitis Test

The California Mastitis Test (CMT) is a quick, simple way to help predict the somatic cell count of milk from individual quarters or on composite milk samples. Ready to use.

Item No.	Description
TA1842	CMT Test Paddle 4 Sections White
TA1843	CMT Milk Test Liquid 32oz
TA1908	CMT Milk Test Liquid 5L

D Strip Cup

For quality control of milk and to help detect mastitis. Milk from each quarter is squirted into the strip cup. Any white flakes or clots, which can signify mastitis, will show up against the black screen at the top of the cup.

Item No.	Description
TA1856	Strip Cup

E Colostrometer Colostrum Scale

Provides dairymen with the ability to assess colostrum quality prior to feeding the newborn calf by measuring the quantity of antibodies present. Comes with a 250 mL plastic measuring cylinder and glass colostrometer.

Item No.	Description
TA794	Colostrometer Colostrum Scale 1/pk

F Milk Thermometer

This useful thermometer in a plastic cage helps keep track of milk temperature. A must-have for every dairyman. Ranges -10°C 120°C (not available in Fahrenheit). 13" long.

Item No.	Description
TA1851	Milk Thermometer Celsius



Food Safety Division

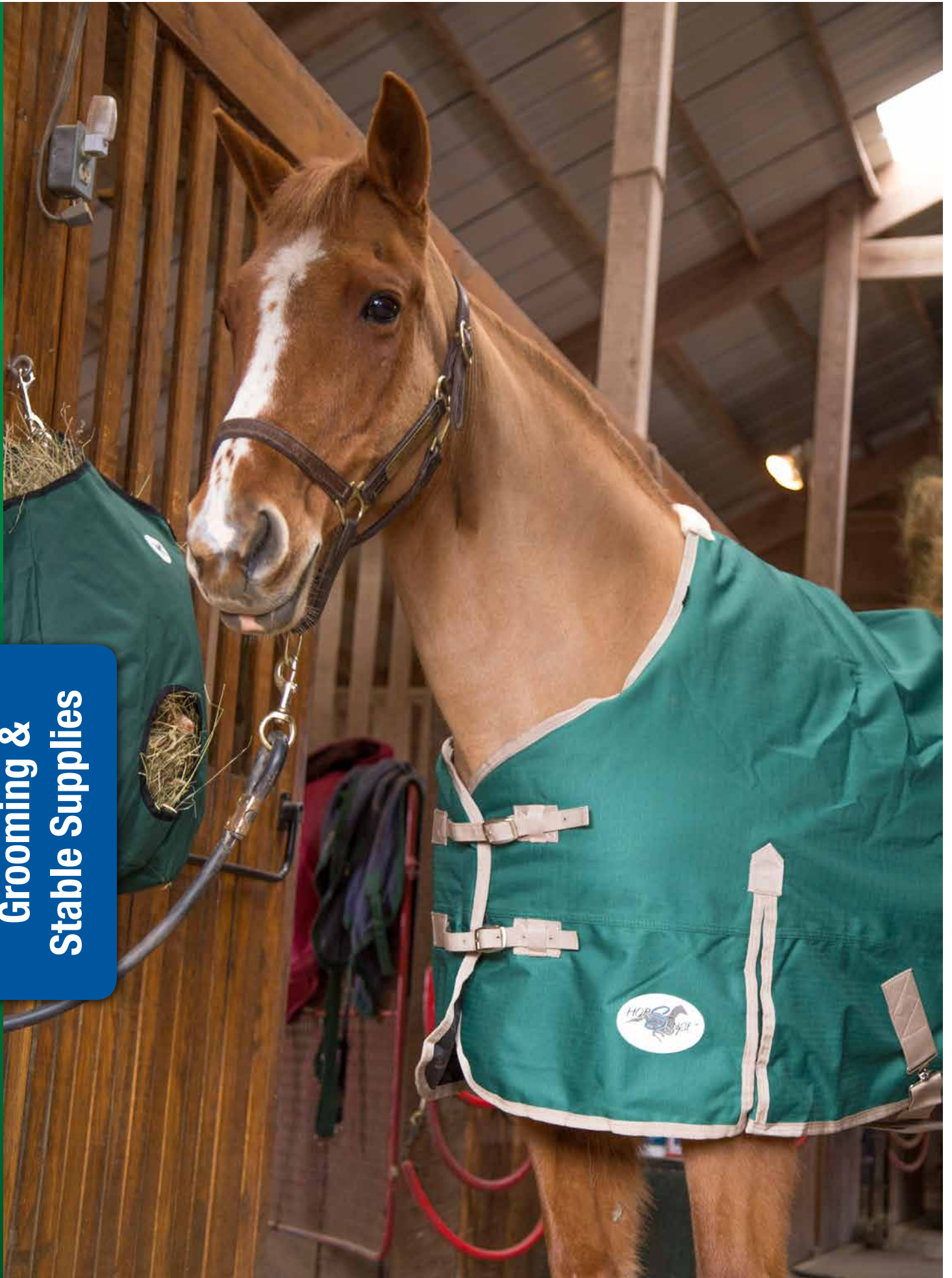
Neogen's Food Safety Division products are primarily diagnostic test kits for the detection of harmful residues in food, animal feed, and agricultural products. These tests are designed to be simple, quick and accurate. Neogen's Food Safety products include tests for:

- **Mycotoxins** — including all the major mycotoxins in grains, nuts and spices.
- **Bacterial pathogens** — including *Salmonella*, *Listeria* and *E. coli* O157:H7.
- **Drugs** — numerous types, including beta lactams, chloramphenicol, clenbuterol, and other residues resulting from animal medications.
- **Sanitation** — includes a market-best test for ATP as an indication of cleanliness.
- **Food allergens** — including milk, eggs, gluten, peanuts, and many more.

For more information visit www.neogen.com/foodsafety



Grooming & Stable Supplies



Horse Sense® Blankets & Sheets are designed for warmth and protection. Whether you need a heavyweight turnout blanket or a lightweight cotton sheet, we have what you need to protect your animal. All of our blankets and sheets feature removable leg straps and front closures. Sizing is measured from the point of the shoulder to the point of the buttock.

A Calf Blankets

- 600 denier outer shell
- 250 gram fill insulation
- 2 inch wide leg & belly straps
- Machine washable
- Adjustable criss-cross belly straps

Item No.	Description	Case Ct.
BL30-92240	Calf Warming Blanket 24" L	6
BL30-92280	Calf Warming Blanket 28" XL	6



A

B 200 Gram Turnout Blankets

- 600 denier outer shell
- 200 gram fill insulation
- Fleece collar at withers
- Open front styling
- Shoulder & tail gussets
- Detachable & adjustable elastic leg straps
- Rip-stop, waterproof & breathable outer shell
- Two-buckle front closure with hook & loop fastener
- Adjustable criss-cross belly straps

Item No.	Description	Case Ct.
BL26-85692	Turnout Blanket 69" Navy	6
BL26-85693	Turnout Blanket 69" H. Green	6
BL26-85722	Turnout Blanket 72" Navy	6
BL26-85723	Turnout Blanket 72" H. Green	6
BL26-85752	Turnout Blanket 75" Navy	6
BL26-85753	Turnout Blanket 75" H. Green	6
BL26-85782	Turnout Blanket 78" Navy	6
BL26-85783	Turnout Blanket 78" H. Green	6
BL26-85812	Turnout Blanket 81" Navy	6
BL26-85813	Turnout Blanket 81" H. Green	6
BL26-85842	Turnout Blanket 84" Navy	6
BL26-85843	Turnout Blanket 84" H. Green	6



B

C 400 Gram Stable Blankets

- 420 denier outer shell
- 400 gram fill insulation
- Quilted with double stitched seams
- Belly strap & adjustable elastic leg straps
- Two buckle front closure
- Machine washable
- Adjustable criss-cross belly straps

Item No.	Description	Case Ct.
BL16-84693	Stable Blanket 69" H. Green	6
BL16-84723	Stable Blanket 72" H. Green	6
BL16-84753	Stable Blanket 75" H. Green	6
BL16-84783	Stable Blanket 78" H. Green	6
BL16-84813	Stable Blanket 81" H. Green	6
BL16-84843	Stable Blanket 84" H. Green	6



C



A 400 Gram Turnout Blankets

- 1200 denier outer shell
- 400 gram fill insulation
- Fleece collar at withers
- Open front styling
- Shoulder & tail gussets
- Two-buckle front closure with hook & loop fastener
- Rip-stop, waterproof & breathable outer shell
- Detachable & adjustable elastic leg straps
- Adjustable criss-cross belly straps

Item No.	Description	Case Ct.
BL27-81692	Turnout Blanket 69" Navy	6
BL27-81693	Turnout Blanket 69" H. Green	6
BL27-81722	Turnout Blanket 72" Navy	6
BL27-81723	Turnout Blanket 72" H. Green	6
BL27-81752	Turnout Blanket 75" Navy	6
BL27-81753	Turnout Blanket 75" H. Green	6
BL27-81782	Turnout Blanket 78" Navy	6
BL27-81783	Turnout Blanket 78" H. Green	6
BL27-81812	Turnout Blanket 81" Navy	6
BL27-81813	Turnout Blanket 81" H. Green	6
BL27-81842	Turnout Blanket 84" Navy	6
BL27-81843	Turnout Blanket 84" H. Green	6



B Canvas Blankets

- 12oz duck canvas outer shell
- Wool felt lining
- Open front styling with tail gussets
- Double stitched seams
- Two buckle front closure & belly strap

Item No.	Description	Case Ct.
BL10-83692	Duck Canvas Blanket 69"	6
BL10-83722	Duck Canvas Blanket 72"	6
BL10-83752	Duck Canvas Blanket 75"	6
BL10-83782	Duck Canvas Blanket 78"	6
BL10-83812	Duck Canvas Blanket 81"	6
BL10-83842	Duck Canvas Blanket 84"	6



C Cotton Sheets

- Breathable & durable all-purpose sheet
- Adjustable elastic rear leg straps
- Two buckle front closure
- Shoulder gussets
- Adjustable criss-cross belly straps
- Machine Washable

Item No.	Description	Case Ct.
BL14-87692	Cotton Sheet 69" Navy	6
BL14-87693	Cotton Sheet 69" H. Green	6
BL14-87722	Cotton Sheet 72" Navy	6
BL14-87723	Cotton Sheet 72" H. Green	6
BL14-87752	Cotton Sheet 75" Navy	6
BL14-87753	Cotton Sheet 75" H. Green	6
BL14-87782	Cotton Sheet 78" Navy	6
BL14-87783	Cotton Sheet 78" H. Green	6
BL14-87812	Cotton Sheet 81" Navy	6
BL14-87813	Cotton Sheet 81" H. Green	6
BL14-87842	Cotton Sheet 84" Navy	6
BL14-87843	Cotton Sheet 84" H. Green	6

D Rain Sheets

- 600 denier outer shell
- Rip-stop, waterproof & breathable outer cover
- Detachable & adjustable elastic leg straps
- Adjustable criss-cross belly straps
- Fleece collar at withers
- Open front styling
- Shoulder & tail gussets
- Two-buckle front closure with hook & loop fastener
- Adjustable criss-cross belly straps

Item No.	Description	Case Ct.
BL25-86692	Rain Sheet 69" Navy	6
BL25-86722	Rain Sheet 72" Navy	6
BL25-86752	Rain Sheet 75" Navy	6
BL25-86782	Rain Sheet 78" Navy	6
BL25-86812	Rain Sheet 81" Navy	6
BL25-86842	Rain Sheet 84" Navy	6

**E Polar Fleece Cooler**

- Wicks moisture away from horse's coat to maintain warmth
- High quality fleece stands up to multiple washings
- Can be used as a light covering or as a dress/show sheet
- Machine washable
- Three hook & loop closures at the neck, plus a tail strap provide extra secure fit
- Closures attach to halter to securely cover neck
- Perfect for tack-up, warm up & cool down
- Available in black, navy, hunter green & burgundy
- One size fits most

Item No.	Description	Case Ct.
FC50001	Polar Fleece Cooler Black	6
FC50002	Polar Fleece Cooler Navy	6
FC50003	Polar Fleece Cooler Hunter Green	6
FC50004	Polar Fleece Cooler Burgundy	6

**F Dog Coats**

- 600 denier rip-stop outer shell
- 200 gram poly-fill insulation
- Waterproof
- Fluted shoulders and hind darts
- Machine washable

Item No.	Description	Case Ct.
WDC-65001	Dog Coat H. Green/Black XS	6
WDC-65002	Dog Coat Navy/Black XS	6
WDC-65011	Dog Coat H. Green/Black S	6
WDC-65012	Dog Coat Navy/Black S	6
WDC-65021	Dog Coat H. Green/Black MS	6
WDC-65022	Dog Coat Navy/Black MS	6
WDC-65031	Dog Coat H. Green/Black M	6
WDC-65032	Dog Coat Navy/Black M	6
WDC-65041	Dog Coat H. Green/Black L	6
WDC-65042	Dog Coat Navy/Black L	6
WDC-65051	Dog Coat H. Green/Black XL	6
WDC-65052	Dog Coat Navy/Black XL	6

**Dog Coats Sizing Chart**

Coat Size	Neck to Tail	Girth
Extra Small	12"	18
Small	15"	24"
Small/Medium	18"	26"

Coat Size	Neck to Tail	Girth
Medium	21"	29
Large	23"	35"
X-Large	28"	42"

Fly Protection

The Horse Sense® Fly Protection products offer superior protection from flies and biting insects in an assortment of styles and sizes. Neogen offers a complete line of fly protection products at an affordable price.



A

A Fly Leg Wraps

- Built to maintain shape and prevent slipping
- Protects from biting insects
- Double stitched cotton trim
- Three hook & loop fasteners on each wrap

Item No.	Description	Case Ct.
FLW7000	Fly Leg Wraps 2/pk Gray Durable Netting	12



B

B Fly Masks

- Durable netting, double stitched, built to last
- Strategically placed eye darts keep mask away from eyes
- Protects eyes from UV rays & biting insects
- Cool & comfortable, fits full on face
- Adjustable hook & loop fasteners ensure a simple & secure fit
- Easy to clean

Item No.	Description	Case Ct.
101SM	Fly Mask Small	20
101	Fly Mask Horse	20
101EX	Fly Mask Extended Horse	20
101-PUR	Fly Mask Purple Horse	20
102-SYR	Fly Mask Arabian	20
102EX	Fly Mask Extended Arabian	20
103	Fly Mask X-Large	20
103EX	Fly Mask Extended X-Large	20
104	Fly Mask Foal	20
105	Fly Mask Miniature Large	20
106	Fly Mask Miniature Medium	20
107	Fly Mask Miniature Small	20
108	Fly Mask Yearling	20
109	Fly Mask Pony	20
201	Fly Mask w/Ears Horse	20
201EX	Fly Mask w/Ears Extended Horse	20
202	Fly Mask w/Ears Arabian	20
202EX	Fly Mask w/Ears Extended Arabian	20
203	Fly Mask w/Ears X-Large	20
203EX	Fly Mask w/Ears Extended X-Large	20



C

C Fly Sheets

- Keeps insects from biting vulnerable areas
- Adjustable girth strap & elastic leg straps
- Double stitched trim for added durability
- Two buckle front closure
- Cool, lightweight & comfortable
- UV treated
- Machine washable

Item No.	Description	Case Ct.
15001	Fly Sheet White 69"	20
15002	Fly Sheet White 72"	20
15003	Fly Sheet White 75"	20
15004	Fly Sheet White 78"	20
15005	Fly Sheet White 81"	20
15006	Fly Sheet White 84"	20
15013-PUR	Fly Sheet Purple 69"	20
15014-PUR	Fly Sheet Purple 72"	20
15015-PUR	Fly Sheet Purple 75"	20
15016-PUR	Fly Sheet Purple 78"	20
15017-PUR	Fly Sheet Purple 81"	20
15018-PUR	Fly Sheet Purple 84"	20
1500-STRAP	Fly Sheet Strap Extender 15"	20

Whether your award winning dressage horse is being prepped for the next show, or just took a nice long roll in the mud, Ideal Animal Health shampoos and grooming products can help you keep them clean. Neogen's shampoos offer both a gentle tear-free formula for regular bathing and a brightening formula for before shows and performances.

D Polo Wrap

- 280 gram napped polar fleece - machine washable
- Velcro closure
- Packaged in plastic reusable zippered storage bag
- 4.75"

Item No.	Description	Case Ct.
TA3510BLK	Polo Wrap Black 4/pk	12
TA3510HG	Polo Wrap H. Green 4/pk	12
TA3510PUR	Polo Wrap Purple 4/pk	12
TA3510RBL	Polo Wrap R. Blue 4/pk	12
TA3510RED	Polo Wrap Red 4/pk	12
TA3510WH	Polo Wrap White 4/pk	12



D

E Round Metallic Curry Comb

- Four spring steel blades with dual sides
- Plastic handle
- Colors may vary

Item No.	Description
TA1951	Round Metallic Curry Comb



E

F Sarvis Curry Comb

The Sarvis Curry Comb massages and thoroughly cleans all body areas. The adjustable hand strap makes it easy to use. Plastic. Colors may vary.

Item No.	Description
TA1949	Sarvis Curry Comb



F

G Super Whitening Shampoo

Super Whitening Shampoo's gentle formula brings out the maximum whiteness in a horse's markings, while leaving its coat incredibly soft, smooth and sleek. Its thick, luxurious lather penetrates and eliminates the toughest dirt and grime — and does not stain. It enhances all colors, and is excellent for use as a highlighter on darker coats, and as a general stain remover on gray, buckskin, palomino, and other light-colored horses. Fresh Wild Berry scent.

Item No.	Description	Case Ct.
50015	Super Whitening Shampoo 16oz	12



G

H Super Shampoo

Super Shampoo is a gentle, tear free shampoo for use on horses and dogs. Formulated to cleanse the hair and coat without drying, and is gentle enough for regular use. Super Shampoo has a fresh apple scent and rinses easily.

Item No.	Description	Case Ct.
78960	Super Shampoo 1gal	4



H

Stable Supplies

Simplify the care of your animal with these stable must-haves. Horse Sense® hay bags, bale bags and stall totes offer sturdy construction at an economical price.



A Bale Bags

- Holds a two-string bale of hay
- Metal grommets allow hay to breathe
- Multiple handles & shoulder strap
- Heavy-duty zipper with reinforced seams for added durability
- Water repellent

Item No.	Description	Case Ct.
HBB20026	Bale Bag Purple	6
HBB60021	Bale Bag Black	6
HBB60022	Bale Bag Navy	6
HBB60023	Bale Bag H. Green	6
HBB60024	Bale Bag Burgundy	6



B Hay Bags

- Heavy duty metal loops at top & back of bag
- 600 denier poly PVC coated nylon

Item No.	Description	Case Ct.
HB60001	Hay Bag Black	6
HB60002	Hay Bag Navy	6
HB60003	Hay Bag H. Green	6
HB60004	Hay Bag Burgundy	6
HB60005	Hay Bag Purple	6



C Stall Totes

- Waterproof bottom
- Side clip fastener
- Internal storage pockets
- Double stitched handles

Item No.	Description	Case Ct.
ST60101	Stall Tote Black	6
ST60102	Stall Tote Navy	6
ST60103	Stall Tote H. Green	6
ST60104	Stall Tote Burgundy	6
ST60105	Stall Tote Purple	6

BotVax® B & UNIPRIM®

DID YOU KNOW EQUINE BOTULISM IS A DEADLY YET PREVENTABLE DISEASE?

- Botulinum toxins are among the most deadly toxins in the world
- Botulism toxins have been found in every kind of horse feed
- *Clostridium botulinum* type B accounts for more than 85% of equine botulism cases
- BotVax B is the only USDA approved vaccine for the prevention of equine type B botulism



MEDICATING YOUR HORSE DOESN'T HAVE TO BE HARD

UNIPRIM, a combination of trimethoprim and sulfadiazine, is used against a wide range of bacterial infections in horses.

- UNIPRIM is made in the USA and FDA approved
- Dosing is easy, customizable and accurate
- Convenient oral powder is applied to horse's meal
- Available in two palatable flavors and six sizes



To learn more about the complete NeogenVet line, contact a Neogen representative for a copy of the Veterinary Select Product Catalog.





Catchmaster Fly Control Products

Neogen offers a complete line of insect control solutions for residential and commercial settings including solutions for horses and other livestock within barns, stables, kennels and more. Flying and crawling insects can contaminate food and feed, spread disease and decrease productivity through stress. With the trusted and proven products under the brand names of Prozap, Catchmaster and Rockwell, Neogen has solutions to fit your needs and increase your bottom line.

Catchmaster products offer effective and economical ways to control flies and other insects using non-toxic, safe, glue-based tapes and traps. The Catchmaster brand represents the gold standard of quality and consistency, providing new and innovative pest management solutions at a reasonable price.



963

A



912R4

A Gold Stick™ Fly Traps

- Contains a very effective attractant designed to attract multiple fly species using a combination of food baits
- Attractants are incorporated into the glue, and include a cherry scent
- The color gold has been proven to draw flies, and the reflective properties of the metallic surface causes an "open window of light" effect

To use, simply place traps on window sills or hang them vertically. For use in homes, garages, offices, stables, barns and near garbage cans or containers. Traps may also be used in USDA and FDA inspected facilities.

Item No.	Description	Case qty
963	24" Gold Stick with bait packed 24 traps/display case	24
912	10½" Gold Stick with bait packed 12 traps/display case	12
912R4	10½" Gold Stick with bait 4/pk	24

B Clear Bug and Fly Window Trap

Catchmaster's Clear Bug and Fly Window Trap is safe, non-toxic and easy-to-use. The nearly invisible trap mounts quickly to the window and traps flies where they hang out the most.

Item No.	Description	Case qty
904	Clear Bug and Fly Window Trap 4/pk, 24/display case	24

**B****C Scented Bug and Fly Catcher Fly Ribbon**

Specially formulated and scented, these bug and fly catchers are for household, farm and non-food commercial use. Measures 1½" x 25".

Item No.	Description	Case qty
9144M4	Fly Ribbon 4/pk	24
9144B4	Fly Ribbon Bulk 96/pk	4

**C****D Fly Bag Trap**

Our Fly Bag Trap is easy to use, just add water and the attractant dissolves. Specially formulated lure is designed to attract a broad range of fly species and is long-lasting. Features a safety locking cap.

Item No.	Description	Case qty
975-12	Fly Bag Trap	12

**D****E Spider Web™ Fly Glue Trap**

One Spider Web trap can catch more than 100,000 flies! With over 6,000 square inches of surface area, this double-sided fly trap was designed to tackle the most severe fly infestations. Attractants include food grade, multi-bait, and fluorescent chartreuse color. University tests have shown that when the Spider Web Fly Glue Trap is used at a rate of one trap per 600 square feet, high infestation areas were able to achieve 70–80% control without any use of pesticides.

Item No.	Description	Case qty
930	Spider Web Fly Glue Trap	12

**E****F GLOstik Flying Insect Trap**

The GLOstik Flying Insect Trap is designed to attract mosquitoes, flies and other common flying insects. Attracts insects with LED light and silently traps them on the adhesive coated tube. The GLOstik can deliver 200+ hours of performance on a single set of batteries. The reusable base with the high efficiency LED light bulb can last up to 10,000 hours. Refills are available on the tubes.

Item No.	Description	Case qty
908	GLOstik Flying Insect Trap	6
922	GLOstik Refill 2/pk	6

**F****G SilenTrap Flying Insect Trap**

This uniquely designed flying insect trap can be used both indoors and outdoors to silently and efficiently trap flies, mosquitoes and most common flying insects on an adhesive surface - without the annoying 'ZAP' associated with traditional electronic flying traps.

Item No.	Description	Case qty
906	SilenTrap Flying Insect Trap	4
920	SilenTrap Refill 2/pk	12

**G****H Pantry Pest & Moth Traps**

Eliminate moth infestations in food storage areas such as pantries or storage areas for pet food or bird seed with Pantry Test Traps. Adhesive trap targets common flour and grain moths by utilizing a professional strength lure. Targets Indian Meal, Mediterranean Flour, Rasin, and Tobacco Moths common to areas where cereal, pasta, dry pet food, grain and grain based products, dried fruit, chocolate nuts, and spices are stored.

Item No.	Description	Case qty
8135D	Pantry Pest & Moth Traps	12

**H**

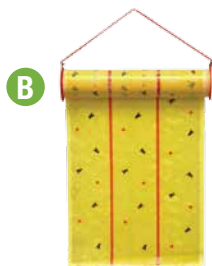
Catchmaster Fly Control Products (continued)



A All Natural Fly Trap

Catchmaster's Fruit Fly Trap is an all-natural, non-toxic and mess free unit designed to eliminate flying insects. The 4 hole venting lid fully exposes vapors of the attractant in order to lure flies into the trap where they are caught instantly. Traps are most effective when placed behind or under kitchen sinks, counter tops, and areas where unrefrigerated fruits and vegetables are stored or disposed. Safe for home and family use and disposable.

Item No.	Description	Case Ct.
913	Fruit Fly Trap	8



B Giant Fly Trap Roll

One-sided adhesive sheet with 3,600 square inches of fly catching surface. Each roll is 30' long and features a pre-baited scent as well as an alluring fluorescent chartreuse color. Use in animal health facilities, barns, waste rooms and other high infestation areas.

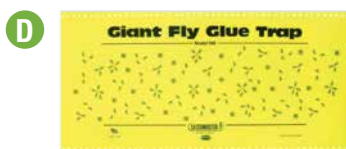
Item No.	Description	Case Ct.
931	Giant Fly Trap Roll	12



C Roach Killing Powder with boric acid

Our Roach Killing Powder is packed in an easy-to-use 1 lb applicator bag with resealable spout. Kills cockroaches, ants, water bugs, palmetto bugs and silverfish. This product is for both residential and commercial use.

Item No.	Description	Case Ct.
716	Roach Killing Powder 16oz bag	6



D Giant Fly Glue Trap

One-sided adhesive board with capacity to hold thousands of flies. 24" x 12". For use in stables, barns, restaurants and homes. Environmentally safe, non-poisonous, long lasting and easy to use.

Item No.	Description	Case Ct.
948	Giant Fly Glue Traps	48

Prozap Insect Control Products

Prozap provides a complete line of aerosols, ready-to-use liquids, concentrates and dust products to meet the needs of livestock producers, horse owners, pet owners and professional pest control operators alike. Whether you are spraying your yard for mosquitoes, controlling horn flies on cattle or combating pesky stable flies on horses, Neogen's Prozap line has you covered. Utilizing proven active ingredients including Pyrethrin, Permethrin and Vapona, Prozap provides the end user several choices of control to solve any insect problem.

Aerosols



E Screw Worm and Ear Tick Aerosol

- Prozap Screw Worm / Ear Tick Aerosol provides wound protection from flies and maggots
- Contains .5% Permethrin
- Contains violet marking dye to indicate treated animals and uniform coverage
- Controls maggots, flies, screw worms, ticks (including ear ticks), gnats, lice and other insects
- For use on beef cattle, dairy cattle, goats, sheep, hogs and horses

Item No.	Description	Case Ct.
1002520	Prozap Screw Worm and Ear Tick Aerosol 12oz	12



F Dy-Fly® Aerosol

- Dy-Fly Aerosol Insecticide provides instant knock-down and kill of flying and crawling insects in homes and on farms
- Contains .5% Pyrethrin and 5% PBO
- For use as a premise spray or directly on animals
- Controls flies, mosquitoes, gnats, moths, ants, hornets, wasps, spiders, roaches and other insects
- For use in dairies, animal quarters, milk rooms and poultry houses
- Approved for use in homes and food processing areas

Item No.	Description	Case Ct.
0693510	Prozap Dy-Fly Dairy Aerosol 20oz	6
0690010	Prozap Dy-Fly Dairy Aerosol 25oz	6

0693510

0690010

G LD-44Z

- LD-44Z Insect Fogger quickly knocks-down and kills flying and crawling insects
- Contains .5% Pyrethrin and 4% PBO
- Controls flies, mosquitoes, wasps, gnats, lady Asian beetles, roaches, spiders, plus 19 other flying and crawling insects
- For use in barns, milk rooms, parlors, stables, kennels and other buildings

Item No.	Description	Case Ct.
1453510	Prozap LD-44Z Insect Fogger 20oz	6
1450010	Prozap LD-44Z Insect Fogger 25oz	6



H CT-75 Dairy Aerosol

- CT-75 Dairy Aerosol provides immediate and effective control of insects
- Contains .7% Pyrethrins, 5% PBO
- For use as a fogger in milking parlors, milk rooms, barns, food processing areas and in stored product spaces
- Can be used around, and directly on, lactating and non-lactating dairy cattle
- Controls house flies, horn flies, stable flies, gnats, mosquitoes, small flying moths and other insects

Item No.	Description	Case Ct.
0720210	Prozap CT-75 Dairy Aerosol 26oz	6



I Pro-Mist'r CT-7 Metered Dispenser

- For use with Prozap LD-44T™ Metered Insecticide or Prozap Fragrances
- Features power switch display, 24 hour or day only operation and three spray interval selection
- When set at 15 minute intervals will provide up to 30 days of coverage per refill
- Accepts most metered aerosols
- Uses "D" size batteries

Item No.	Description	Case Ct.
CT79500	ProMist'r Dispenser	6



J LD-44T™ Metered Insecticide Refill

- Contains 1% Pyrethrins, 2% PBO and 3% 264
- 6.5 oz can lasts up to 30 days in the Pro-Mist'r Metered Dispenser
- Covers 6,000 cubic feet of space
- Fits most automatic dispensers
- Controls flies, mosquitoes, gnats and moths
- For use in restaurants, food warehouses, kennels, dairies, barns and other locations

Item No.	Description	Case Ct.
73010	Prozap LD-44T Metered Insecticide Refill 6.5oz	12



K Air Freshener Refill

- Prozap Air Freshener chemically attacks and destroys odor molecules
- Destroys odors associated with humans, animals, food and human habitation
- Leaves the area with a fresh fragrance and clean smell
- For use in the Pro-Mist'r metered dispenser (CT79500)

Item No.	Description	Case Ct.
OCB3010	Prozap Air Freshener Baby Fresh 6.1oz	12
OCB3020	Prozap Air Freshener Citrus 6.1oz	12
OCB3030	Prozap Air Freshener Mango 6.1oz	12
OCB3040	Prozap Air Freshener Bouquet 6.1oz	12



Concentrates



A Insectrin® X Concentrate

- Insectrin X Concentrate is a broad spectrum, multi-use insecticide that kills fast and has residual action
- Contains 10% Permethrin
- For use on livestock, animal premises, lawns and ornamentals
- Approved for use on lactating and non-lactating dairy cattle
- Mix with water or oil for use as a spray
- Mix with oil for cattle backrubber use to control horn flies, face flies, horseflies, ticks and ear ticks

Item No.	Description	Case Ct.
1038510	Prozap Insectrin X Concentrate 8oz	12
1037510	Prozap Insectrin X Concentrate 32oz	6
1037010	Prozap Insectrin X Concentrate 1 gallon	4



B Vapona 400E Concentrate

RESTRICTED USE

- Contains 44.5% DDVP (Vapona)
- For use on beef and dairy cattle and their premises to control flies, gnats and mosquitoes
- For use as a fog and mist in outdoor applications and in non-food warehouses

Item No.	Description	Case Ct.
0176010	Prozap Vapona 400E (HAZMAT) 2.5 gallon Restricted Use	2



C Evergreen EC 60-6

- Multi-purpose insecticide that contains pyrethrins, a botanical insecticide
- Contains 6% Pyrethrins and 60% PBO
- For use on growing crops, ornamentals, stored products and to kill fruit flies on harvested fruits and vegetables
- For use in barns, dairies, milking parlors, milk rooms and poultry houses
- For use as a livestock and poultry spray
- Controls most flying and crawling pests

Item No.	Description	Case Ct.
5069510	Evergreen Emulsified 60-6 32oz	6



D PyGanic Livestock and Poultry Insecticide

- OMRI-certified organic pyrethrum concentrate
- Contains 1.4% Pyrethrins
- Controls most flying and crawling pests on livestock and poultry and in pet quarters or pet bedding
- For use as a livestock and poultry spray
- For use in barns, dairies, milking parlors, milk rooms and poultry houses

Item No.	Description	Case Ct.
7047510	Prozap PyGanic Livestock Spray 32oz	6



E CT Neutral Oil

- High quality neutral oil ideal for mixing with insecticide concentrates for backrubber application and premise spray
- Non-flammable
- Safe for on-animal use

Item No.	Description	Case Ct.
NO05510	CT Neutral Oil 2.5 gallon	2

Ready-To-Use Equine**F War Paint® Insecticidal Paste**

- War Paint Insecticidal Paste protects horses from the ravages of biting flies
- Contains 7% Permethrin, 14% PBO and 21% 264
- Simply apply clay-based insecticidal paste to areas of fly congregation on the horse to provide extended protection
- Kills and repels face flies, horn flies, stable flies, house flies, black flies and bot flies
- Effectively controls insects for up to 14 days
- Comes in 12 tube shelf display

Item No.	Description	Case Ct.
1859510	Prozap War Paint Insecticidal Paste 96g	12

**G Fly-Die GPS**

- Ready-To-Use formula with citronella
- Contains .5% Permethrin
- Kills and repels flies, mosquitoes and gnats on cattle, goats, sheep, hogs and horses
- Controls fleas, ticks and lice on dogs
- Provides 60-day control of cock roaches, spiders, ants and other insects when used as a spot surface or crack and crevice spray

Item No.	Description	Case Ct.
1487520	Prozap Fly-Die GPS 32oz	12
1486520	Prozap Fly-Die GPS 1 gallon	4



1486520 1487520

H Fly-Die Equine Spray

- Ready-To-Use pyrethrin and permethrin formula that kills and repels stable flies, horse flies, deer flies and face flies on horses and foals
- Contains .5% Pyrethrins, .5% PBO and .05% Permethrin and contains oil of citronella
- Contains aloe and lanolin for coat conditioning and leaves a high sheen when brushed out
- Controls fleas and ticks on dogs and cats for up to 14 days

Item No.	Description	Case Ct.
1777520	Prozap Fly-Die Equine Spray 32oz	12
1776520	Prozap Fly-Die Equine Spray 1 gallon	4



1776520 1777520

I Final-Fly-T® with Lanolin & Citronella

- Ready-To-Use equine wipe-on and spray with citronella and coat conditioners
- Contains .1% Pyrethrins, 1% PBO and 15% Stabilene
- For use as a grooming aid to bring out a lustrous sheen
- Kills and repels horse flies, deer flies, stable flies, horn flies, house flies, face flies, mosquitoes and gnats

Item No.	Description	Case Ct.
1597510	Prozap Final-Fly-T 32oz	12
1597010	Prozap Final-Fly-T 1 gallon	4



1597010 1597510

J Fly-Die Defense™

- Synergized Ready-To-Use equine fly spray with goldshine technology
- Contains .025% Pyrethrins, .25% PBO and .5% DDVP (Vapona)
- Controls face flies, house flies, stable flies, mosquitoes and gnats on horses and foals

Item No.	Description	Case Ct.
1067520	Prozap Fly-Die Defense 32oz	12
1067020	Prozap Fly-Die Defense 1 gallon	4



1067020 1067520

Ready-To-Use (Livestock)



A

1216010

1217010

A Aqueous Fly Spray

- Ready-To-Use water based insecticide for use on horses and cattle to control flies, mosquitoes and gnats
- Contains 1% Pyrethrins and 1% PBO
- Leaves no oily residue
- For use as a spray or fog in barns, stables, kennels, food processing areas and homes to control roaches, ants, silverfish, spiders and other insects

Item No.	Description	Case Ct.
1217010	Prozap Aqueous Fly Spray 1 gallon	4
1216010	Prozap Aqueous Fly Spray 2.5 gallon	2



B

0516010

0518010

0517010

B Insectrin® CS

- Insectrin CS is an oil-based ready-to-use insecticide for effective control of flies, lice, sheep keds, mosquitoes and ticks on beef cattle, dairy cattle, horses and sheep
- Contains 7.4% Permethrin and 7.4% PBO
- Ready to use as a pour-on, wipe-on and spray on animals or as a spot or premise spray
- Mix with mineral oil for backrubber use on cattle
- Approved for use on lactating dairy cattle

Item No.	Description	Case Ct.
0518010	Prozap Insectrin CS 16oz	12
0517010	Prozap Insectrin CS 1 gallon	4
0516010	Prozap Insectrin CS 2.5 gallon	2



C

1516010

1517010

C Insectrin® 1% Pour-on Xtra

- Ready-To-Use as a pour-on, spray or mist
- Contains 1% Permethrin and 1% PBO
- For use on lactating and non-lactating dairy cattle, beef cattle and calves
- Controls lice, horn flies, face flies, horse flies, stable flies, house flies, mosquitoes and black flies
- Mix with CT Neutral oil (p.78) oil for use with backrubbers
- For use on sheep to control sheep keds and lice
- Use as a spot spray or premise spray in and around animal premises, kennels and outside meat processing premises

Item No.	Description	Case Ct.
1517010	Prozap Insectrin 1% Pour-On Xtra 1 gallon	4
1516010	Prozap Insectrin 1% Pour-On Xtra 2.5 gallon	2



D

D Backrubber and Pour-On

- Ready-To-Use permethrin insecticide to be applied directly or with the use of back rubbers to livestock
- Contains .125% Permethrin
- For use on beef cattle, dairy cattle (lactating and non-lactating) and swine
- Controls flies, mosquitoes, ticks and lice

Item No.	Description	Case Ct.
0896010	Prozap Backrubber and Pour-On 2.5 gallon	2



E

E Backrubber and Pour-On Xtra

- Ready-To-Use synergized insecticide to be applied directly or with the use of back rubbers to livestock
- Contains .125% Permethrin and .125% PBO
- For use on beef cattle, dairy cattle (lactating and non-lactating) and swine
- Controls flies, mosquitoes, ticks and lice

Item No.	Description	Case Ct.
0966010	Prozap Backrubber and Pour-On Xtra 2.5 gallon	2

F Beef and Dairy RTU

- Ready-To-Use animal and premise Vapona insecticide that can be applied by spray or fog
- Contains 1% Vapona
- For use on beef cattle, dairy cattle (lactating and non-lactating), goats, sheep, swine and horses
- For use in and around horse barns, dairy barns, shelters, stables, milk rooms, poultry houses, feedlots and stockyards
- Controls horn flies, house flies, stable flies, face flies gnats and mosquitoes

Item No.	Description	Case Ct.
1147010	Prozap Beef and Dairy RTU 1 gallon	4
1146010	Prozap Beef and Dairy RTU 2.5 gallon	2



1147010

1146010

F**G Dairy Cattle Spray**

- Ready-To-Use fly spray for use on lactating and non-lactating dairy cattle
- Contains .05% Pyrethrins, .1% PBO and .5% DDVP (Vapona)
- Controls flies, mosquitoes, gnats and lice

Item No.	Description	Case Ct.
1577010	Prozap Dairy Cattle Spray 1 gallon	4
1576010	Prozap Dairy Cattle Spray 2.5 gallon	2



1577010

1576010

G**H Dairy and Ranch Insect Spray**

- Dairy and Ranch Insect Spray is a versatile Ready-To-Use oil-based animal and premise spray
- Contains .1% Pyrethrins and 1% PBO
- For use on dairy cattle (lactating and non-lactating), beef cattle, calves and their premises
- May also be used as a fogger
- Provides rapid knockdown and kill of flies, gnats and mosquitoes

Item No.	Description	Case Ct.
1537010	Prozap Dairy and Ranch Spray 1 gallon	4
1536010	Prozap Dairy and Ranch Spray 2.5 gallon	2



1537010

1536010

H**I VIP Insect Spray**

- Ready-To-Use animal and premise spray that contains Vapona and Synergized Pyrethrins
- Contains .025% pyrethrins, .25% PBO and .5% DDVP (Vapona)
- Kills and repels horn flies, house flies, mosquitoes and gnats
- For use on cattle, horses and their premises

Item No.	Description	Case Ct.
1087010	Prozap VIP Insect Spray 1 gallon	4
1086010	Prozap VIP Insect Spray 2.5 gallon	2



1087010

1086010

I

Prozap Insect Control (continued)

Dust



A Garden and Poultry Dust

- Permethrin dust for use on poultry, garden plants and vegetables
- Contains .25% Permethrin
- Controls northern fowl mites and lice on poultry and in poultry houses
- Controls aphids, bag worms, Japanese beetles, stinkbugs, Colorado potato beetle and most vegetable crop insects
- Also controls ants
- Easy to use 2 lb. shaker container

Item No.	Description	Case Ct.
1499540	Prozap Garden and Poultry Dust Shaker 2lb	12

B Insectrin® Dust

- Ready-to-use dust for direct application on animals, poultry and bedding
- Contains .25% Permethrin
- Controls face flies, horn flies, northern fowl mites, lice, fleas and ticks
- For use on beef cattle, dairy cattle, horses, swine, poultry, dogs and cats
- Easy to use 2 lb. shaker container

Item No.	Description	Case Ct.
1499530	Prozap Insectrin Dust Shaker 2lb	12

C Dust Bag Kit

- The Prozap Dust Bag kit comes with a refillable dust bag and 12.5 pound Insectrin Dust cartridge of .25% Permethrin
- Dust Bag that can be hung for direct application to animals
- Controls face flies, horn flies, northern fowl mites, lice, fleas and ticks
- For use on beef cattle, dairy cattle and swine

Item No.	Description	Case Ct.
1499610	Prozap Insectrin Dust Bag Kit 1 kit	2

D Insectrin® Dust Refill

- The Insectrin Dust Refill contains .25% Permethrin for use with the Dust Bag for direct application to animals
- Controls lice, flies, northern fowl, mites, fleas, and ticks found in bedding, cracks, and crevices
- For use on beef cattle, dairy cattle and swine

Item No.	Description	Case Ct.
1499510	Prozap Insectrin Dust 2-Pack 12.5lb (2 pack)	1
1499550	Prozap Insectrin Dust Bulk 20lb Pail	1

E Dust Bags

- High quality Dust Bag can be hung for direct application to animals
- Easy to fill with Insectrin Dust

Item No.	Description	Case Ct.
5029510	Prozap Dust Bag 1 bag	10

F Insect Guard

- Easy-to-use pest strip for use in general spaces
- 18.6% Vapona for fast and effective control
- Kills flies, gnats, mosquitoes, moths and various crawling insects
- Controls insects up to 4 months
- One Insect Guard strip treats up to 1200 cubic feet
- For use in un-occupied areas in the home, such as garages, attics, crawl spaces, sheds and basements
- For use in barns, stables, tack rooms, kennels, and other farm buildings
- Controls pests in raw grain bulk storage and garbage collection areas

Item No.	Description	Case Ct.
5019510	Prozap Insect Guard 80g	12
5019550	Prozap Insect Guard 80g 36pk display	36
5019530	Prozap Insect Guard 80g 85 pack bulk	85
5019520	Prozap Insect Guard 80g 4x12 Clip Strip	48



F

G Prozap® Bovi-Rub

The Prozap Bovi-Rub back rubber is designed for effective and economical control of flies, grubs, lice and ticks on cattle and other livestock. Superior insecticide charging with wicking action allows for low-stress application of insecticides on cattle and other livestock. Hang near water, mineral feeders or in alley ways to encourage use. Initially charge the Bovi-Rub back rubber with 2.5 to 5 gallons of solution and recharge as necessary to maintain wetness. Use Prozap insecticides for optimal results.

Item No.	Description	Case Ct.
5079610	Prozap Bovi-Rub 10ft	2
5079710	Prozap Bovi-Rub 5ft	4



G

H Prozap® Bovi-Bullets

The Prozap Bovi-Bullet face rub is designed for effective and economical control of face flies, horn flies, lice and ticks on cattle and other livestock. With a metal ring for easy hanging, the Bovi-Bullet is ideal for use in mineral feeders. Superior insecticide charging and wicking action allows for low-stress application of insecticides on cattle. Initially charge the Bovi-Bullet with 1 liter of solution and recharge as necessary to maintain wetness. Use Prozap insecticides for optimal results.

Item No.	Description	Case Ct.
5079810	Bovi-Bullet 18in	4



H

I Prozap® Bovi-Strips

The Prozap Bovi-Strips face flaps are designed for use with the Bovi-Rub for effective and economical control of face flies, horn flies, lice and ticks on cattle and other livestock. Simply tie the Bovi-Strips to the Bovi-Rub for additional insecticide application to the face and sides of cattle and other livestock. Superior wicking action allows for low-stress application of insecticides. Use Prozap insecticides for optimal results.

Item No.	Description	Case Ct.
5079910	Bovi-Strips 22/bx	10



I

Rockwell Labs Products

Gel



A InVict™ Gold Cockroach Gel

Hazard Tier 3 Pesticide

Get lightning fast control of cockroaches with InVict™ Gold Cockroach Gel. Formulated with a unique bait matrix and 2.15% imidacloprid, this bait achieves outstanding palatability, value and results, giving you an unfair advantage. Kills quickly with proven secondary kill from droppings and carcasses. Formulated without the eight most common food allergens for sensitive applications in schools, health care facilities, etc. Comes in a 300 gram "Big Gun" tube that fits standard caulking guns.

Item No.	Description	Case Ct.
IGCG300	Invict Gold Cockroach Gel 300g Tube	12

Paste



B InVict™ AB Insect Paste 300g Syringe

Hazard Tier 1 Pesticide

InVict™ AB Insect Paste is a highly effective, multi-use bait for ants, cockroaches and silverfish. Formulated with .05% Abamectin and combined with a range of sweet, oil and protein attractants, InVict™ AB Insect Paste provides exceptional control and unmatched convenience. For indoor and outdoor applications including food areas. Comes in a 300 gram "Big Gun" tube that fits standard caulking guns.

Item No.	Description	Case Ct.
IABP300	Invict AB Insect Paste 300g Syringe	12

Granular Bait



C InVict™ Xpress Granular Bait

Hazard Tier 1 Pesticide

InVict™ Xpress Granular Bait delivers lightning fast kill of a broad spectrum of insects like ants, cockroaches, crickets, mole crickets, silverfish, firebrats and earwigs. With the power of .5% imidacloprid and the irresistibility of this bait matrix you'll see the carnage quickly and you'll have the "Unfair Advantage". Developed for indoor, outdoor and turf use.

Item No.	Description	Case Ct.
IXGB025	Invict Xpress Granular Bait 25lb carton	1

(continued) Granular Bait

D InTice™ 10 Perimeter Bait**Hazard Tier 3 Pesticide**

InTice™ 10 Perimeter Bait™ is a mold and moisture resistant, effective and economical broad spectrum granular bait for indoor and outdoor use to control cockroaches, ants, crickets, earwigs, silverfish, millipedes, sow bugs and mole crickets. Application rates are cut in half with the exclusive formulation of 10% boric acid, saving time and money for the service professional. Ideal for perimeter and turf use and can last for up to 90 days.

Item No.	Description	Case Ct.
ITPB040	InTice 10 Perimeter Bait 40lb carton	1

**D**

Concentrates

E EcoVia EC (Emulsifiable Concentrate)

EcoVia EC fills the need for a highly effective, broad spectrum insecticide while meeting customer and regulatory demands for a green solution. Created through a rigorous research and development process, EcoVia EC has been extensively tested in the lab and proven in the real world. The botanical oils in EcoVia EC were specifically chosen for their efficacy on a wide range of pest species both indoors and out. EcoVia EC provides the ultimate in application flexibility with no pyrethroid or neonicotinoid application restrictions and is NOP Compliant. A winning combination of efficacy and flexibility in a minimum risk product. Excellent for mosquito and tick applications.

Item No.	Description	Case Ct.
EVEC016	EcoVia Botanicals 16oz	12
EVEC064	EcoVia Botanicals 64oz	4

**E****F LambdaStar Ultra Cap 9.7% Insecticide**

LambdaStar™ UltraCap™ 9.7% is a microencapsulated lambda-cyhalothrin in an easy to mix formulation which features superior encapsulation for extended residual protection. For use indoors, including food areas, and outdoors, including structural, turf and ornamental as well as livestock housing sites.

Item No.	Description	Case Ct.
LGLU016	Squeeze N' Measure LambdaStar UltraCap 9.7% 16oz	12

**F**

Dust

G EcoVia WD (Wettable Dust)

EcoVia WD is a highly effective, broad spectrum insecticide that provides extended residual protection in a versatile botanical solution. EcoVia WD is a FIFRA 25(b) exempt insecticide that was created through extensive scientific research and has been proven in the real world. EcoVia WD provides the ultimate in application flexibility as a dust or as a wettable powder with no pyrethroid or neonicotinoid application restrictions. A winning combination of efficacy and flexibility in a minimum risk NOP Compliant product, EcoVia WD provides PMPs an Unfair Advantage.

Item No.	Description	Case Ct.
EVWD008	EcoVia WD Puffer 8oz Bottle	12
EVWD002	EcoVia WD 2lb Pail	4

**G**

Rodent Control



Ramik

1st generation anticoagulant: Diphacinone

- Death may occur within 4-5 days after a lethal dose is consumed
- Ramik Green rodenticides are formulated without wax for high palatability and weatherability
- Food quality grain mix
- Configurations include nuggets, mini bars, bars and bait packs

A Ramik® Green

The Ramik Green bait system uses food processing technology to produce an unusually palatable and highly-attractive bait that retains its freshness, sweetness and effectiveness in a long-lasting nugget form. Nuggets are hot-extruded so they are weather-resistant without the use of wax.

Ramik Green, 1/2"

Item No.	Description	Case Ct.
116336	4lb resealable pouch	4
116339	15 x 4lb resealable pouches (display)	1

Ramik Green, 3/16"

Item No.	Description	Case Ct.
116300	20lb bucket	1
116303	50lb box (bulk)	1



A

B Ramik® Green Bait Packs and Mini Bait Packs

Ramik Green nuggets in convenient, ready-to-use bait packs. No need to touch bait; rodents will gnaw open the packs.

Ramik Green Bait Packs, 1/2"

Item No.	Description	Case Ct.
116341	16 x 4oz bait packs (4lb) resealable pouch	4
116305	60 x 4oz bait packs (15lb) bucket	1

Ramik Green Mini Bait Packs, 3/16"

Item No.	Description	Case Ct.
116316	45 x 1.5oz bait packs (4lb) bucket	4
116319	300 x 1.5oz bait packs (28lb) bulk tub	1



B

C Ramik® Bars - 16oz bars

Ramik all-weather bar baits are manufactured utilizing a special proprietary extrusion process, where all the bait ingredients are fully blended, bonded and then shaped into weather-proof bait bars. A small amount of edible wax is added to allow uniform sized bars to be formed. Each 16oz bar can be used whole, or easily broken into 4oz pieces or 16 1oz pieces.

Item No.	Description	Case Ct.
116334	4 x 16oz bars (4lb) box	4



C

D Ramik® Mini Bars - 1oz bars

Ramik Mini Bars are ready to use, and perfect for making multiple bait placements by hanging on wire, pegging, or securing in bait station boxes. They are also just the right size to use in small openings where rodents live and travel.

Item No.	Description	Case Ct.
116331	64 x 1oz (4lb) pouch	4
116332	64 x 1oz (4lb) pail	4
116345	144 x 1oz (9lb) pail	4
116350	320 x 1oz (20lb) bucket	1
116326	640 x 1oz (40lb) tub	1
116329	300 x 1oz (50lb) tub	1



D

Ramik Diphacinone Bait (continued)

A



000800

000900

B



000700

000600

C



D



116310

116320

E



F



A Ramik® Mouser Refillable Bait Station

The Ramik Refillable Bait Station is a great option for the homeowner looking for an effective rodent control solution. The package includes a refillable bait station and mini bars. The Ramik mini bars contain a proven and effective anticoagulant rodenticide and will be kept securely inside the bait station. The station's two small openings allow easy access for mice to enter and feed — but prohibit access to children.

- EPA compliant child resistant refillable bait station
- Contains Ramik Mini Bars
- Easy to use bait station
- Resealable pouch packaging displays great on the shelf and keeps the bait fresh

Item No.	Description	Case Ct.
000800	Ramik Refillable Bait Station 8oz	6
000900	Ramik Refillable Bait Station 16oz	6

B Ramik® Mouser Disposable Bait Station

Pre-baited disposable station

- Baited with 1oz Ramik Mini Bar
- Compliant with Tier IV bait station requirements
- Two openings for mice to readily enter and feed on bait inside

Item No.	Description	Case Ct.
000600	Ramik Mouser Station 2-pack box	12
000700	Ramik Mouser Station 3-pack bag	12

C Ramik® Mole and Gopher

Ramik Mole & Gopher rodenticide utilizes the proven and effective Ramik green nugget bait form to control moles & pocket gophers in below-ground applications in lawns and flower beds.

Item No.	Description	Case Ct.
116309	Ramik Mole and Gopher, 1lb jar	6

D Ramik® Green AG

The Ramik Green AG rodenticide combines superior palatability and weather resistance with the proven active ingredient diphacinone to control Norway rats, roof rats, house mice, California ground squirrels, pocket gophers, moles & voles in a wide variety of field applications.

Item No.	Description	Case Ct.
116310	Ramik Green AG 20lb Pail - Restricted Use	1
116320	Ramik Green AG 40lb Tub - Restricted Use	1

E Ramik® Brown

For the control of pine and meadow voles in apple, pear, peach and nectarine orchards and in nut orchards and Christmas tree farms, commercial nurseries and tree plantations. Also controls commensal rats and mice in terrestrial non-food / non-feed areas. Weather resistant bait form with apple flavoring.

Item No.	Description	Case Ct.
0033370	Ramik Brown 50lb carton - Restricted Use	1

F Ramik® Oats

Ramik Oats is a food-grade bait that mimicks squirrels natural food source. For control of California ground squirrels ONLY.

Item No.	Description	Case Ct.
116390	Ramik Oats 30lb bucket - Restricted Use	1

Second generation anticoagulant: Brodifacoum

Brodifacoum is the strongest anti-coagulant rodenticide available. Havoc products combine brodifacoum with a special mixture of highly attractive bait ingredients along with patented food processing techniques. The result is a superior, single-feed rodenticide in a unique bait delivery system.

- Controls Norway rats, roof rats and house mice —may kill both rats and mice in a single night's feeding
- Available in chunks, pellets, block and meal bait configurations
- XT-Block Contains Bitrex®, a child and non-target deterrent

Havoc®

G Havoc® Attack Blocks

- Highly palatable, second generation anticoagulant specially formulated for use by livestock and poultry producers.
- Unique blend of emulsifying agents that allow for a better blend (which equals higher palatability) of ingredients.
- All-weather bait block with great heat tolerance

Item No.	Description	Case Ct.
116393	Havoc Attack Blocks 10lb Bucket	4
116394	Havoc Attack Blocks 20lb Bucket	1



H Havoc®-XT Blok

- Weather-resistant blocks
- Unique shape makes it easy for rats and mice to gnaw on
- Available in a resealable pouch, designed to maintain bait freshness
- Larger bulk sizes available for frequent use

Item No.	Description	Case Ct.
116362	Havoc-XT Blok 8lb resealable pouch	4
116361	Havoc-XT Blok 10lb pail	4
116369	Havoc-XT Blok 20lb pail	1



I Havoc® Place Packs

- Controls Norway rats, roof rats and house mice; rodents may consume a lethal dose in a single night's feeding
- Convenient, ready-to-use bait packs that rodents will gnaw open

Item No.	Description	Case Ct.
116372	Havoc Place Packs 40 / 2 x 50g /pk, 8.8lb pail	4



J Havoc® Rodenticide Bait

The food-grade ingredients in Havoc Rodenticide Bait provide superior palatability to deliver brodifacoum. This meal bait product contains food-grade ingredients, seeds and grains, which provide rodents a variety of textures and flavors.

- Specially formulated bait that includes highly palatable food-grade rolled oats
- Just a teaspoon amount will control house mice, Norway rats and roof rats
- Contains 0.005% Brodifacoum- strongest single feed second generation active available
- Meal baits are excellent for use where competing food or feed sources are present
- Use as a supplement to Neogen's recommended Rotational Baiting Strategy - during periods of heavy rodent infestation.

Item No.	Description	Case Ct.
116395	Havoc Rodenticide Bait 25lb Bag	1
116398	Havoc Rodenticide Bait 25lb Pail	1
116396	Havoc Rodenticide Bait 50lb Bag	1



CyKill™ Bromethalin Bait Products

Bromethalin was developed to combat a world-wide perceived problem of rodent resistance to warfarin-like anticoagulant rodenticides. A highly potent neurotoxin rodenticide that provides a lethal dose to rodents in a single feeding. Bromethalin attacks the central nervous system; rodents usually consume a lethal dose within a single night's feeding, with the first dead rodents appearing within 2 days. Available in bait blocks or place packs.



Acute Toxicant: Bromethalin

- Fast acting—bait today and see results tomorrow!
- Palatable bait is preferred over most feeds, food sources and competitive baits
- Rodents stop feeding after consuming a lethal dose; this results in a consumption of 80% less bait than with traditional baits
- No known resistance, neurotoxicant formulation
- Reduced risk of secondary toxicity
- Use as part of Neogen's recommended Rotational Baiting Program

A



A CyKill™ Place Packs (Pellets)

- Paper pouches contain pellets for effective rodent control
- No need to open pouches; rodents eat through the package
- Each pouch contains .75oz of pelleted bait

Item No.	Description	Case Ct.
112835	CyKill .75oz Place Packs 100 pks/pail	4

B



B CyKill™ Blocks

- Multiple gnawing edges
- Highly palatable formulation
- Blocks may be placed in sewers and other damp environments

Item No.	Description	Case Ct.
112830	CyKill .75oz Blocks 9lb pail 192 count	4
112825	CyKill .75oz Blocks 4lb pouch 86 count	4

Neogen's 4-Step Rodent Control Program

1

Step One: PREVENT

Clean, clear and implement preventative measures.

- Eliminate debris and other harborage for rodents in and around the facility.
- Remove easily accessible rodent food sources, including spilled feed. Eliminating food sources increases the effectiveness of rodent baits.
- Clear/mow around the facility (~3 feet) to discourage rodents from entering.

2

Step Two: IDENTIFY

Find the location and severity of the problem.

- Examinations done at dawn or dusk work best.
- Are there fresh droppings, burrows, tracks or gnaw marks? Be sure to inspect ceilings, other elevated runways and facility grounds.
- Do you have rats, mice, or both?

3

Step Three: EXECUTE

Implement baiting strategy according to target rodents and locations.

- Outside:** Along the perimeter, place bait stations 15–30 feet apart for rats and 8–12 feet for mice. Use Havoc® Attack Blocks, CyKill™ Blocks, or DI-Kill™ Blocks and replace eaten bait at least weekly to start.

Determine areas where rats and mice will most likely find and consume the bait. Generally, these areas are along walls, by gnawed openings, beside burrows, in corners and concealed places, between floors and walls, or in locations where rats or their signs have been seen. Protect bait from rain and snow. Remove as much alternative food as possible.

- Inside:** Use bait stations. Chunk or block baits can be nailed or zip-stripped directly to overhead locations. Place packs should be placed in attics, ceilings, or other hard to access areas that rodents are using. Contact Neogen for more specific baiting suggestions.

4

Step Four: MONITOR

Monitor the effectiveness of your program with record keeping.

Frequency of baiting should change with increased activity.

A sample audit form is available on www.neogen.com

Di-Kill® Difenacoum Bait Products

Difenacoum is the latest in rodent control. This hard-hitting second-generation anticoagulant can knock down rodents in 4–5 days. Difenacoum is outstanding for the control of mice. It takes more than twice as much of a bromadiolone bait to kill mice than with Di-Kill. Available in blocks, place packs and bulk pellet configurations.



Second-generation anticoagulant: Difenacoum

- Palatable formulation made from food-grade ingredients
- Lower primary toxicity—less toxic than other baits to non-target animals
- Kills warfarin-resistant rodents
- Use as part of Neogen's recommended Rotational Baiting Program

C Di-Kill® Blocks

- Attractive formulation to increase rodent palatability
- Made with multiple gnawing edges to encourage consumption

Item No.	Description	Case Ct.
373425	Di-Kill Blocks 9lb pail	4
373426	Di-Kill Blocks 18lb pail	1

D Di-Kill® Place Packs and Pellets

- Convenient place packs for effective rodent control
- Rodents eat through the place packs—no need to open or touch bait

Item No.	Description	Case Ct.
373421	Di-Kill 43g Place Packs 100/pail	1
373420	Di-Kill Bulk Pellets 10lb pail	4



Control rats and mice in and around your facilities

Neogen's Rotational Baiting Program



Rodex™ Warfarin Bait Products

1st generation anticoagulant: Warfarin

Microencapsulated warfarin, a hydroxycoumarin anticoagulant rodenticide, is contained in all Rodex bait formulations. In early research trials, rat acceptance of microencapsulated warfarin baits was 3 to 10 times greater than uncoated warfarin baits. This anticoagulant is a multi-feed chronic rodenticide, and is considered the lowest hazard to non-target animals of any anti-coagulant rodenticide. Rodex bait formulations are available in pellets and blocks.

Rodex



A Rodex™ Pelleted Bait-1

- Kills rats and mice; reduced risk to non-target animals
- Micro-encapsulated warfarin reduces bait shyness
- Available in a resealable pouch to maintain bait freshness

Item No.	Description	Case Ct.
116348	Rodex Pelleted Bait-1 4lb resealable pouch	4

B Rodex™ Blox-1™

- Kills rats and mice; reduced risk to non-target animals
- Micro-encapsulated warfarin block is moisture-resistant
- Each 1lb block breaks easily into smaller pieces
- Convenient "grab and go" 4lb box

Item No.	Description	Case Ct.
116349	Rodex Blox-1 4x16oz bars	4



Ramik Mole and Gopher is going underground

- Below-ground application for the control of moles and gophers
- For use on lawns and flower beds in residential settings
- Ramik Mole and Gopher is a highly palatable bait that maintains freshness and effectiveness even in damp environments
- Weather resistant 3/16" nugget
- 1 lb jar with child resistant cap and a scoop for easy application
- 1 tsp treats active burrows or tunnels

See label for complete use patterns and guidelines

See page 88.

**Not Approved for this Use Pattern in the following states: California, Hawaii, New Hampshire, and Indiana. For use only against the eastern mole (Scalopus aquaticus) and the hairy-tailed mole (Parascalops breweri) in North Carolina. Not for use against the star-nosed mole (Condylura cristata parva) in North Carolina.*



116309
Available in 1 lb jar

Acute Toxicant: Zinc Phosphide

Zinc phosphide, a powerful acute rodenticide, is contained in all Prozap rodent bait formulations. These fast-acting baits are formulated with a special blend of processed grains that are especially appealing to rodents.

- Rapid and economical control of large infestations of mice or rats in and around livestock and poultry buildings; gophers can also be effectively controlled with direct burrow application
- Attractive protein concentrations
- Contains less dust than competitor formulations
- Pellets utilize a special hardening agent and can withstand up to 1½" of rainfall before melting
- Easily filters through vegetation
- Prozap's small pellet size is preferred by mice



C Prozap® Zinc Phosphide Pellets

For spot treatments in and around buildings, orchards and groves, vineyards, rangeland and non-crop areas such as lawns, ornamentals, golf courses, parks and nurseries.

Prozap Pellets Bulk 50lb bag and 2,000lb tote

- For control of voles, rats, and mice, prairie dogs, pocket gophers, kangaroo rats, and Columbian and Richardson's ground squirrels
- Available in 1/8" and 3/8" pellets
- Extensive use for field applications
- May also be used on no-till corn, cucurbits, Christmas tree nurseries, potato crops, and sugar beets

Item No.	Description
0077140	Prozap Pellets 3/8" 50lb bag - Restricted Use
0283390	Prozap Pellets 1/8" 50lb bag - Restricted Use
0283490	Prozap Pellets 1/8" 2,000lb tote - Restricted Use

Prozap Rodent Pellets 12lb pail

- For control of moles and gophers in and around buildings
- Fast acting; works within hours
- So effective that 1–3 pellets is fatal to small rodents

Item No.	Description	Case Ct.
114600	Prozap Rodent Pellets 12lb pail	4

Prozap Mole and Gopher Bait 1lb jar

- Kills moles and gophers right where they live—direct baiting to underground burrows, tunnels and mounds
- Fast acting; works within hours
- Measuring scoop included for easy application

Item No.	Description	Case Ct.
112845	Prozap Mole and Gopher Bait 1lb jar	12



D Prozap® Zinc Phosphide Oat Bait

For spot treatments in and around buildings, orchards and groves, vineyards, rangeland and non-crop areas. For broadcasting by ground spreader or aircraft in non-bearing orchards, sugarcane fields and specified non-crop areas. For broadcasting by ground spreader in vineyards.

- Contains an attractive protein concentration of 14–22%
- Bait uses food-grade, steam-rolled oat groats for improved palatability
- De-hulled groats will not germinate
- Kiln dried process eliminates germination and kills bacteria and mold

Prozap Oat Bait Bulk 50lb bag

- For control of mice, rats, voles, ground squirrels, pocket gophers and prairie dogs
- Extensive label for field applications
- Fast acting and extremely palatable to rodents

Item No.	Description	Case Ct.
0002980	Prozap Oat Bait 50lb bag - Restricted Use	1

Prozap Rodent Oat Bait 1lb jar

- For control of moles and gophers
- Easy to apply
- Requires only a minimal amount of bait to be effective

Item No.	Description	Case Ct.
112855	Prozap Rodent Oat Bait 1lb jar	6



Traps & Bait Stations

Neogen's Ramik glue traps and glue boards offer a no-fuss option to firmly taking control of a rodent problem. All you need to do is place the ready-to-use glue traps and boards along rodent runways, and Ramik's combination of special attractants and powerful adhesive does the rest. Neogen's mechanical single-catch snap traps and multi-catch traps are intended for the infrequent mouse in the house or minor rodent problem. Depending on the level of infestation, Neogen offers tried-and-true options to target one rodent at a time, or up to 12 at once using our multi-catch trap.

Neogen offers a variety of rodent bait stations to suit every need. All meet the rigorous U.S. EPA protocols for strength and are tamper-resistant for the safety of children, pets and other non-target animals.

A



116220

116230

A

Ramik® Glue Traps and Glue Boards

- Non-toxic, disposable and ready-to-use
- Traps without poisons
- Premium glue
- Individually packaged with J-hook boxes
- Ramik Glue Traps have a peanut scent that attracts rats and mice—no additional baits needed!

Item No.	Description	Case Ct.
116220	Ramik Mouse Glue Traps 4pk	12
116230	Ramik Rat Glue Traps 2pk	12
940	Ramik Mice and Insect Glue Boards 4pk	18

B



116221

116231

B

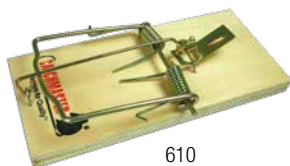
Ramik® Plastic Snap Traps

Catch mice—not your fingers! Ramik Snap Traps are easy to set and offer touch-free disposal of rodents.

- Available in two sizes: rat (large) and mouse (small)
- One-touch trap setting is easy to set
- Touch-free rodent disposal
- Fill deep bait well with food or nesting material
- Packaged in retail friendly J-hook boxes

Item No.	Description	Case Ct.
116221	Ramik Mouse Snap Traps 2pk	12
116231	Ramik Rat Snap Trap 1pk	6

C



610

C

Catchmaster® Wooden Snap Traps

A new twist on an old standby. Our heavy duty snap traps now feature expanded triggers to make baiting and setting a “snap”.

Item No.	Description	Case Ct.
602	Catchmaster Mouse Snap Traps 2pk	36
610	Catchmaster Rat Snap Traps 1pk	12

D



000500

D

Ramik® Rodent Bait Station

- Lockable bait station is tamper-resistant
- Interior vertical rods for securing bait
- Two openings for rodents to enter
- Use with Ramik Mini Bars, Havoc, Di-Kill or CyKill blocks

Item No.	Description	Case Ct.
*000500	Ramik Rodent Bait Station, Bulk	12
000550	Ramik Rodent Bait Station, Retail Pack	6

*Sold by Case Qty Only

E Rodent Café Bait Station

- Low-profile design for increased rodent activity
- High-capacity bait chamber built to allow horizontal and vertical bait placement
- Ramped entrance into bait chamber helps prevent any water from entering and contaminating bait
- Heavy-duty design using thick-walled plastic—designed to withstand being stepped on without damage
- Rotating hinge design provides for years of dependable service, unlike most stations that use a hinge permanently attached to the base.
- Heavy-duty key and rod packs included

Item No.	Description	Case Ct.
000560	Rodent Café Bait Station	6

**F Multiplex™ Bait Station**

For high density baiting

- Vertical and hanging block layouts
- Vertical bait rods can withstand an inch of standing water
- Superior strength exterior walls
- Overlap of edges prevents “finger holds” for high tamper resistance
- Gray color keeps internal temperature cooler, resulting in less melted bait
- Both sides of bait chamber can also house standard plastic mouse snap traps

Item No.	Description	Case Ct.
*000404	Multiplex Bait Station Bulk	6
000410	Multiplex Bait Station Retail Pack	6

*Sold by Case Qty Only

**G Ramik® Multi-Catch™**

- Non-toxic, child and pet safe
- No assembly required
- Can be used with a glue board (1 board included)
- Trap can hold over a dozen mice at a time
- Clear window for easy viewing
- Use as a catch and release trap again and again

Item No.	Description	Case Ct.
945	Ramik Multi-Catch Trap	6

**H Ramik® Lures**

For squirrels, raccoons and rabbits

- Non-poisonous
- Made with food-grade ingredients
- Use in combination with a live trap to capture hard-to-trap animals
- Customized attractive scents for squirrels, raccoons or rabbits

Item No.	Description	Case Ct.
950	Lure for Squirrels 4oz Jar	10
951	Lure for Raccoons 4oz Jar	10
952	Lure for Rabbits 4oz Jar	10



Cleaners & Disinfectants



Neogen offers a broad range of disinfectants that are formulated to provide the highest quality chemistries and broadest efficacy for use in all types of animal care premises ranging from production livestock rearing to companion animal veterinary clinics.

Neogen's EPA approved disinfectants kill all major pathogens of concern including bacteria, fungi and viruses and have broad germicidal capabilities to remove infectious agents such as avian influenza, foot and mouth disease, aspergillus fumigatus and PRRS. Neogen can assist you with step-by-step procedures to properly clean and then disinfect all types of surfaces contaminated with organic matter, biofilms and serum content.

A BioSentry® 904 Disinfectant

BioSentry 904 Disinfectant is a broad spectrum disinfectant recommended for use on hard nonporous surfaces for poultry, swine, farm, and veterinary practice disinfection. It is proven effective against bacteria, fungi and viruses that cause disease and economic losses. It disinfects in 5% organic soil loads, 200 ppm hard water and 0.5 oz per gallon dilution on most organisms. BioSentry 904 Disinfectant is chemically compatible for use with all BioSentry tray washes, BioSentry Acid-A-Foam™, BioSentry Chlor-A-Foam™ and BioSentry Universal Barn Cleaner.

Active: Combination of four quaternary ammonium compounds

Use: Complete hatchery, veterinary and farm premise disinfectant

Activity: Broad spectrum kill of molds, bacteria, viruses and fungi (Aspergillus fumigatus)

Application: Spray on hard surfaces, footbaths and vehicle disinfection

Item No.	Description	Case Ct.
D12709560	BioSentry 904 Disinfectant 1 gallon	4
D12695590	BioSentry 904 Disinfectant 55 gallons	1



B BioSentry® BioPhene™ Disinfectant

BioSentry BioPhene Disinfectant is a high activity 0.5 oz per gallon (4 mL/L) phenolic disinfectant for use in poultry hatcheries, poultry, swine, livestock and farm premises, veterinary clinics and animal care facilities. Effective in 5% blood serum and 400 ppm hard water (as CaCO₃). It is also used for sanitizing hatching eggs. It cleans and disinfects, but contains no soap to streak or dull surfaces. It is anionic and incompatible with BioSentry 904 Disinfectant, BioSentry BioQuat 20 Disinfectant and other products containing quaternary ammonium compounds.

Active: Phenol and IPA

Use: Alkaline, foaming disinfectant for hatcheries and farm premises, used as hatching egg sanitizer

Activity: Kills gram-negative and gram-positive bacteria, viruses and fungi

Application: Spray on hard surfaces and footbaths

Item No.	Description	Case Ct.
D12709568	BioSentry BioPhene Disinfectant 1 gallon	4
D12695607	BioSentry BioPhene Disinfectant 55 gallons	1



C BioSentry® BioQuat™ 20 Disinfectant

BioSentry BioQuat 20 Disinfectant is an efficient disinfectant and sanitizer of high germicidal potency. Effective in 5% organic soil load, 400 ppm hard water and 0.5 oz per gallon dilution. Recommended use solutions are odorless, non-corrosive to metal surfaces and are non-staining. Used in farm premises as hard surface disinfectant and registered sanitizer for shell eggs.

Active: Quaternary ammonium compound

Use: Hard surface disinfectant for farm premises, veterinary clinics, livestock transportation and food processing equipment

Activity: Bactericide, fungicide, and virucide, no-rinse sanitizer for food contact surfaces, shell egg sanitizer

Application: Sprayed for hard surface disinfection and shell egg sanitizing

Item No.	Description	Case Ct.
D12709575	BioSentry BioQuat 20 Disinfectant 1 gallon	4
D12670163	BioSentry BioQuat 20 Disinfectant 55 gallons	1





A BioSentry® Iodine Disinfectant

BioSentry Iodine Disinfectant is a detergent disinfectant and no-rinse sanitizer for food contact surfaces. A sudsing iodine cleaner, deodorizer, disinfectant and sanitizer for use on farm premises, poultry houses and food plants. Provides 1.75% titratable iodine. BioSentry Iodine Disinfectant kills most food spoilage microorganisms, odor-causing bacteria and bacteria that may cause disease or economic losses to the poultry, livestock and food industries. BioSentry Iodine Disinfectant aids in prevention and removal of milkstone, beerstone and mineral accumulations on treated surfaces in hard water areas.

Active: Iodine

Use: Acidic, no-rinse sanitizer for food processing plants, farm premises, hospitals and veterinary clinics disinfectant, drinking water sanitizer and boot bath sanitizer

Activity: Bactericide and virucide

Application: Flooding, immersion, mopping or spraying

Item No.	Description	Case Ct.
D12768095	BioSentry Iodine Disinfectant 1 gallon	4



B DC&R® Disinfectant

DC&R Disinfectant is a non-flammable and non-corrosive formulation. DC&R Disinfectant can be used to disinfect pens, hutches, feeders, waterers, cages and livestock and poultry hauling vehicles and equipment. To be used in disinfecting hard, non-porous surfaces of farm buildings and equipment which are for poultry and livestock production, veterinary clinics, kennels, and other non-livestock buildings. Especially suited for equipment, which may harbor or spread many germs or microorganisms within the farm operation, veterinary facility, or to other farms. Apply DC&R Disinfectant with a mechanical spray device.

Active: Tris nitro, ammonium chloride, formaldehyde

Use: Poultry and turkey farms, hatcheries, swine operations, dairy farms, cattle farms, equine farms, veterinary clinics, etc.

Activity: Kills gram-negative and gram-positive bacteria, viruses and fungi

Application: Apply with a mechanical spray device

- A unique combination of three active germicidal ingredients
- Kills organisms on contact, and keeps killing for up to 7 days after application
- Retains its activity even in the presence of organic matter
- Effective in both acid and alkaline pH range
- Non-corrosive

Item No.	Description	Case Ct.
142041	DC&R Disinfectant 1 gallon	4
142145	DC&R Disinfectant 2.5 gallons	2
142135	DC&R Disinfectant 55 gallons	1
142042	DC&R Disinfectant Dye-Free 1 gallon	4

C Spectrasol™ Disinfectant

Spectrasol is a phosphate-free quaternary ammonium formulation designed to provide effective cleaning, deodorizing and disinfection. Broad spectrum disinfectant for use on poultry, swine, farm and veterinary practice disinfection. Non-corrosive and safe to use on cages and tables; will not dull high-gloss floor finishes, even with repeated use.

Active: Quaternary ammonium

Use: Poultry, swine, farm and veterinary practice disinfectant

Activity: Kills gram-negative and gram-positive bacteria, viruses and fungi

Application: Hard surface or fogging

Item No.	Description	Case Ct.
190421	Spectrasol Disinfectant 1gallon	4

**C****D Parvosol® II RTU Disinfectant**

Parvosol II RTU is the next generation of synergized quaternary ammonium compounds with even more effective disinfecting power, now ready to use from the bottle. Effective against Parvovirus, Feline calicivirus, H₁N₁ (swine flu) and Avian Influenza.

Active: Quaternary ammonium

Use: Veterinary clinics, poultry, swine and farm premise

Activity: Kills gram-negative and gram-positive bacteria, viruses and fungi

Application: Mopping or spraying

Item No.	Description	Case Ct.
190416	Parvosol II RTU Disinfectant 1 gallon	4

**D****E Virkon™ S**

Virkon S is a balanced, stabilized blend of peroxygen compounds, surfactant, organic acids, and inorganic buffer. Virkon S is recommended for use as a hard surface disinfectant in livestock production and transportation facilities. It delivers 99.9999% kill of numerous pathogens including 31 bacterial strains, 58 viruses and 6 fungi with no evidence of resistance, eliminating the need to rotate disinfectants to avoid resistance buildup.

Active: Sodium chloride

Use: Hard surface disinfectant in livestock production and transportation facilities

Activity: Kills gram-negative and gram-positive bacteria, viruses and fungi

Application: Hard surface

Item No.	Description	Case Ct.
D12349879	Virkon S 50x5g	4
D12614342	Virkon S Tablets	2
SP7665	Virkon HydroSprayer	1
D14358325	Virkon Test Strips 60/jar	1

**E**

Use Prima boots and Virkon™ S
with boot baths to ensure maximum biosecurity
protection on the farm.



Cleaners

Neogen cleaners are formulated specifically to meet the demands of agricultural sanitation and are an important step for an overall biosecurity plan. It is always recommended to clean all surfaces prior to disinfecting. Neogen's offerings include alkaline and acidic cleaners as well as foaming and non-foaming cleaners. For best cleaning results, Neogen recommends a monthly pH rotation of three weeks of alkaline and one week of acidic cleaners. Repeated use of alkaline cleaners tend to leave behind mineral scale and detergent residues. An acidic cleaner can break through these residues and hard to remove materials thus preparing surfaces for more effective disinfection.



A BioSentry® Acid-A-Foam™

BioSentry Acid-A-Foam is an acidic, foaming cleaner that effectively removes mineral scale and detergent residues, thus preparing surfaces for more effective disinfection in the second step using an appropriate Neogen disinfectant.

Active: Phosphoric and glycolic acid

Use: Acidic foaming cleaner for hatchery or farm use, pH rotation

Activity: General cleaner, deodorizer and hard water scale and mineral deposit remover

Application: Foaming, spraying or soaking

Item No.	Description	Case Ct.
D12709609	BioSentry Acid-A-Foam 1 gallon	4
D12709610	BioSentry Acid-A-Foam 5 gallons	1
D12695643	BioSentry Acid-A-Foam 55 gallons	1



B BioSentry® Acid Tray Wash

BioSentry Acid Tray Wash is an acidified, non-foaming cleaner for washing trays, plastic chick boxes, egg cases and filler flats in automatic tray washers. It is also an excellent acidic rinse and equipment descaler. Removes hard water scale, mineral deposits and soap scum. It also removes mineral deposits, scale and biofilms from washed items.

Active: Phosphoric and glycolic acid

Use: Acidic non-foaming cleaner for hatchery or farm use, pH rotation

Activity: General cleaner, hard water scale, soap scum and mineral deposit remover

Application: Proportioning systems or pressure washing units

Item No.	Description	Case Ct.
D12204609	BioSentry Acid Tray Wash 5 gallons	1
D12204619	BioSentry Acid Tray Wash 55 gallons	1



C BioSentry® BioCres™ 50

BioSentry BioCres 50 can be used for cleaning broiler houses, brooders, layer houses, livestock barns, farrowing pens, foaling pens, stalls, calf hutches, pig parlors, kennels, poultry crates, animal transport vehicles and farm equipment. BioSentry BioCres 50 is recommended for use on surfaces such as concrete, wood, plastic, glazed tile, enameled and metal surfaces of livestock housing, handling equipment and transportation equipment. Wets and penetrates pores, cracks and crevices to maximize cleaning.

Active: Cresylic acid and sodium hydroxide

Use: Alkaline, foaming cleaner for farm premises

Activity: General hard surface cleaner

Application: Spraying or foaming – not recommended as a mist unless a respirator is used

Item No.	Description	Case Ct.
D12204575	BioSentry BioCres 50 1 gallon	4

D BioSentry® Chlor-A-Foam™

BioSentry Chlor-A-Foam is heavy duty chlorinated foaming cleaner for rapid soil removal and used for cleaning hatchers, setters, equipment, egg rooms, chick boxes, walls, floors and refuse areas in poultry hatcheries. In poultry and meat processing plants, it is used for cleaning equipment, shackles, walls, floors and refuse areas. It is excellent for stainless steel, concrete, plastic, glass, tile and other surfaces. It is compatible with quaternary and phenolic disinfectants.

Active: Potassium hydroxide

Use: Heavy duty chlorinated alkaline foaming cleaner for hatcheries

Activity: Removes egg soils, chick down and organic wastes from hatcheries, setters, equipment and hard surfaces

Application: Foamed or sprayed with pressure washing equipment

Item No.	Description	Case Ct.
D12709702	BioSentry Chlor-A-Foam 5 gallons	1
D12695561	BioSentry Chlor-A-Foam 55 gallons	1

**E BioSentry® Liquid Tray & Egg Wash**

BioSentry Liquid Tray & Egg Wash is a chlorinated, low-foaming cleaning compound specifically designed for washing trays, plastic chick boxes, egg cases and filler flats in automatic tray washers. It is also ideal for washing shell eggs intended for table use, break out or hatching. BioSentry Liquid Tray & Egg Wash is ideal for use in chemical proportioners as well as in manual feeding operations. It is an excellent clean-in-place (CIP) for egg breaking operations.

Active: Potassium hydroxide and sodium hypochlorite

Use: Alkaline, chlorinated, non-foaming tray wash for use in hatchery automatic washers

Activity: Removes egg soils and proteins from trays, boxes, flats and racks

Application: Used in proportioning systems or manual dosing

Item No.	Description	Case Ct.
D12709646	BioSentry Liquid Tray & Egg Wash 1 gallon	4
D12695698	BioSentry Liquid Tray & Egg Wash 5 gallons	1
D12695708	BioSentry Liquid Tray & Egg Wash 55 gallons	1

**F BioSentry® Universal Barn Cleaner**

BioSentry Universal Barn Cleaner is a biodegradable, effective general-purpose cleaner for use in poultry houses, swine units, livestock barns, farm premises and hatcheries.

Compatible in use with phenolic, quaternary, chlorinated, peroxide and iodine disinfectants. Quickly removes grime, grease, protein and fatty oils.

Active: Surfactant and chelating agent

Use: General purpose alkaline foaming cleaner for farm premise and hatchery

Activity: Removes grime, grease, proteins and fatty soils

Application: Foaming, high pressure washing or manual cleaning

Item No.	Description	Case Ct.
D12568757	BioSentry Universal Barn Cleaner 1 gallon	4
D12205602	BioSentry Universal Barn Cleaner 5 gallons	1
D12205613	BioSentry Universal Barn Cleaner 55 gallons	1

**G AcidEdge**

AcidEdge is an acidified, non-foaming, multipurpose cleaner and tray wash for hard or soft water, specifically designed to remove mineral scale, detergent residues and other elements left after repeated use of alkaline cleaners. Formulated with biodegradable detergents and Phosphate free. Cleans and brightens aluminum.

Active: Phosphoric and glycolic acid

Use: In hatcheries, to clean trays, racks, plastic flats and boxes in automatic washers; may also be used to clean waterlines between flocks

Activity: Removes detergent residues, mineral scale, dirt, grime, protein, oils and adherent films

Application: Chemical proportioners, pressure washing and spraying

Item No.	Description	Case Ct.
D12779592	AcidEdge 5 gallons	1
D12779600	AcidEdge 55 gallons	1





A Biosolve™ Plus

Biosolve Plus is an alkaline, foaming cleaner and degreaser that rapidly removes protein, fat and other organic soils from surfaces. It can be used through a variety of foam generating equipment as well as in pressure washers. Superior degreasing properties breaks through grease, fat and organic matter formulated with biodegradable detergents, nonylphenol ethoxylate and phosphate free.

Active: Sodium hydroxide

Use: Hatcheries, poultry, turkey and swine farms, and animal confinement facilities

Activity: Removes fecal matter and soiling; also removes stubborn fats and grease from all processing equipment such as conveyor belts, separator machines, shackles and cutting blades

Application: Foaming and high pressure washing

Item No.	Description	Case Ct.
D12691776	Biosolve Plus 1 gallon	4
D12691788	Biosolve Plus 5 gallons	1
D12691793	Biosolve Plus 55 gallons	1



B Chlor-A-Foam XL

Chlor-A-Foam XL is a high-foaming, chlorinated cleaner that rapidly removes protein, fat and other organic soils from surfaces. It can be used through a variety of foam generating equipment as well as in pressure washers. Formulated with biodegradable detergents and phosphate free.

Active: Potassium hydroxide

Use: In poultry hatcheries for cleaning equipment, egg rooms, chick boxes, walls, floors, and refuse areas; also in animal confinement facilities as a general cleaner

Activity: Removes egg soil, chick down, yellowing, proteins, fats and other organic wastes

Application: Foaming and high pressure washing

Item No.	Description	Case Ct.
D127670975	Chlor-A-Foam XL 5 gallons	1
D127670989	Chlor-A-Foam XL 55 gallons	1



C Acid-A-Foam XL

Acid-A-Foam XL is an acidic, foaming cleaning compound specifically designed to remove mineral scale, detergent residues and other elements left after repeated use of alkaline cleaners. Formulated with biodegradable detergents. Cleans and brightens stainless steel, glass, plastic, concrete and tile.

Active: sulfamic, phosphoric and glycolic acid

Use: In hatcheries, poultry, turkey, swine, cattle and other confinement facilities

Activity: Removes detergent residues, mineral scale, dirt, grime, protein, and oils as well as minerals and adherent films.

Application: Chemical proportioners, pressure washing and spraying

Item No.	Description	Case Ct.
D12767931	Acid-A-Foam XL 1 gallons	4
D12767959	Acid-A-Foam XL 55 gallons	1

Neogen's Water Disinfection System

Improving livestock and poultry drinking water – one drop at a time



Managing water quality and quantity is one of the most overlooked management practices in livestock production. It plays an important role in digestion and nutrient absorption, and is essential for many physiochemical reactions needed for optimal growth and production.

D Anthium Dioxide™

Anthium Dioxide, 5% stabilized chlorine dioxide, is a liquid formula that improves drinking water quality through an enhanced disinfection system for healthier livestock. Anthium Dioxide may be used in various livestock facilities.

Once activated in a closed system Anthium Dioxide creates chlorine dioxide, a strong oxidizing disinfectant which inactivates bacteria and viruses as well as kill algae and bacteria that produce bad taste and odor in livestock drinking water.

Active: Stabilized Sodium Chloride

Use: Terminal disinfection of the waterlines, hard surface disinfection and taste and odor control in drinking water with animals present.

Activity: Disinfects water, removes biofilms from waterlines

Application: Proportioner

Item No.	Description	Case Ct.
D12852951	Anthium Dioxide 5 gallons	1
D14227605	Anthium Dioxide 55 gallons	1
2471100	Titration Test Kit	1
2999LR	Chlorine Dioxide Test Strips 50 ct	1



D

E BioSentry® AquaPrime® Activator

Biosentry AquaPrime Activator is a special blend of mineral and organic acids specifically formulated to activate Anthium Dioxide® for the disinfection of livestock drinking water. Formulated specifically for use with 5% stabilized sodium chloride solutions to maximize conversion. An easy 1 part activator to 2 parts 5% sodium chloride solution mix will give an over 90% conversion to free ClO_2 . Efficient conversion creates a least cost application when calculating treatment cost per gallon of water or per animal. Liquid is ready to use and includes a green color to indicate presence in injection lines to ensure proper proportioning.

Item No.	Description	Case Ct.
142250	AquaPrime Activator 5 gallon	1
142350	AquaPrime Activator 55 gallon	1



E

F AquaMax XL

AquaMax XL is recommended for use in poultry, swine, cattle and other animal confinement facilities as a cleaner and descaler for cool cell pads. It penetrates scale, proteins, soap scum, iron stains and mineral deposits. Contains no muriatic, nitric, sulfuric, mineral or oxidizing acids, and is formulated with biodegradable detergents. Rinses freely without streaking.

Active: Surfactant

Use: Cleaner and descaler for cool cell pads

Activity: Removes minerals and residues

Application: Low-pressure washer

Item No.	Description	Case Ct.
D13836911	AquaMax XL 1 gallon	4



F

If you have been looking for a safe, reliable way to disinfect your livestock or poultry drinking water, you have found it!

Of all the nutrient classes, water is the most commonly overlooked in livestock and poultry production. It is assumed that if the water is clear, it is safe. Such an assumption could not be further from the truth. Water can harbor bacteria, viruses, and fungi. Along with affecting the palatability of the water, contaminated water can spread disease through a livestock or poultry facility.

The best option in providing optimal water to animals is through Neogen's Water Disinfection System. The system combines Anthium Dioxide™, an EPA-approved stabilized aqueous chlorine dioxide precursor, with BioSentry® AquaPrime® Activator. Together, the two products will react to form a chlorine dioxide solution, proven to kill multiple organisms in a short amount of time, retaining its activity to the end of the water line.

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