

BEEF TURNOUT NEWSLETTER



ARMOR
ANIMAL HEALTH®

APR - JUN 2022



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Spring Turnout: Things to Think About at Turnout

DR. JIM HEIER
ARMOR ANIMAL HEALTH



Spring turnout time is approaching fast. Three things to think about at turnout are fly control, pinkeye disease control and worm control of pastures.

Fly Control

As the weather gets warmer, fly control is important. Decreased feed efficiency, decreased milk production for the calf, and disease transmission can all be caused by flies. When considering fly control, we need to take into account the type of flies, the environment which flies grow in, and man-made environmental areas like feed bunks and stagnant water holes in dry lots and pasture. Mowing long grassy areas, draining wet areas and cleaning feed bunks is a good start. There are many products such as ear tags, pour-on insecticides, sprays, dusts, or feed through products to consider that work well on ranches.

Pinkeye Disease Control

Pinkeye disease can be spread by flies feeding on eye sections from an infected animal and then traveling from animal to animal. Along with fly control, a great preventative measure is using a pinkeye vaccine. Pinkeye disease is caused by *Moraxella bovis* and followed by *Moraxella bovoculi*. There are no commercial vaccines that cover both of these bacteria. Due to limitations on the number of vaccines that can be given at turnout, Armor Animal Health offers an autogenous pinkeye vaccine that

includes both *M. bovis* and *M. bovoculi* as well as *Mycoplasma bovoculi*. Available in both traditional as well as Bio One version (this does not require a booster vaccine dose). This fits in turnout vaccine programs to protect both calf and cow from pinkeye when out on pasture. This product does require a valid client patient relationship (VCPR) with an Armor vet or can be purchased through your veterinarian after state vet approval.

Worm Control

Deworming both cows and calves at spring turnout is a great benefit. This limits parasite loads in pastures for the summer and gets calves off to the right start which allows faster growth. Many different dewormers are available that can be applied through feed, as a pour-on or as an injectable. It is always best practice to rotate your dewormers and run periodic fecal parasite counts. Resistance to dewormers is a real consideration, so rotating products will keep resistance to dewormers to a minimum.

These are all things to increase rate of gain and profits on a ranch, but a plan is needed to be successful. Reach out to Armor Animal Health for help selecting the right choices for your ranch.

Boehringer Ingelheim Cattle First.

**GAIN
EVERY LAST POSSIBLE
POUND.**

**23
MORE POUNDS THAN
GENERIC IVERMECTIN***



Visit the LONGRANGElook.com to learn more.

LONGRANGE (EPRINOMECTIN) IMPORTANT SAFETY INFORMATION: Do not treat within 48 days of slaughter. Not for use in female dairy cattle 20 months of age or older, including dry dairy cows, or in veal calves. Post-injection site damage (e.g., granulomas, necrosis) can occur. These reactions have disappeared without treatment. Not for use in breeding bulls, or in calves less than 3 months of age. Not for use in cattle managed in feedlots or under intensive rotational grazing.

* Rademacher RD, Behlke EJ, Parr SL, et al. An evaluation of eprinomectin extended-release injectable (LongRange™) on the performance of yearling cattle on pasture in western Canada. *Bov Pract* 2018;52(1):46-52.



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Extended-Release Injectable Parasiticide
5% Sterile Solution

For the treatment and control of internal and external parasites of cattle on pasture with persistent effectiveness. Not for use in female dairy cattle 20 months of age or older, including dry dairy cows. Not for use in calves to be bred for veal.

Not for use in breeding bulls, or in calves less than 3 months of age.

Not for use in cattle managed in feedlots or under intensive rotational grazing.

CAUTION: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

INDICATIONS FOR USE: LONGRANGE, when administered at the recommended dose volume of 1 mL per 110 lb (50 kg) body weight, is effective in the treatment and control of the following internal and external parasites of cattle:

Parasites	Durations of Persistent Effectiveness
Gastrointestinal Roundworms	Lungworms
<i>Bunostomum phlebotomum</i> – Adults and Lx	<i>Dicrocoelus viviparus</i> – Adults
<i>Cooperia oncophora</i> – Adults and Lx	
<i>Cooperia punctata</i> – Adults and Lx	Grubs
<i>Cooperia sarnabada</i> – Adults and Lx	<i>Haemonchus placei</i> – Adults
<i>Haemonchus placei</i> – Adults	<i>Oesophagostomum radiatum</i> – Adults
<i>Oesophagostomum radiatum</i> – Adults	<i>Ostertagia lyrata</i> – Adults
<i>Ostertagia lyrata</i> – Adults	<i>Ostertagia ostertagi</i> – Adults, Lx and inhibited Lx
<i>Ostertagia ostertagi</i> – Adults, Lx and inhibited Lx	<i>Trichostrongylus axei</i> – Adults and Lx
<i>Trichostrongylus axei</i> – Adults and Lx	<i>Trichostrongylus colubriformis</i> – Adults
<i>Trichostrongylus colubriformis</i> – Adults	<i>Saroptes scabiei</i> var. <i>bovis</i>
Lungworms	
<i>Dicrocoelus viviparus</i>	150 days

Parasites	Durations of Persistent Effectiveness
Gastrointestinal Roundworms	
<i>Bunostomum phlebotomum</i>	150 days
<i>Cooperia oncophora</i>	100 days
<i>Cooperia punctata</i>	100 days
<i>Haemonchus placei</i>	120 days
<i>Oesophagostomum radiatum</i>	120 days
<i>Ostertagia lyrata</i>	120 days
<i>Ostertagia ostertagi</i>	120 days
<i>Trichostrongylus axei</i>	100 days
Lungworms	
<i>Dicrocoelus viviparus</i>	150 days

DOSEAGE AND ADMINISTRATION
LONGRANGE (eprinomectin) should be given only by subcutaneous injection in front of the shoulder at the recommended dosage level of 1 mg eprinomectin per kg body weight (1 mL per 110 lb body weight). Each mL of LONGRANGE contains 50 mg of eprinomectin, sufficient to treat 110 lb (50 kg) body weight. Divide doses greater than 10 mL between two injection sites to reduce occasional discomfort or site reaction.

Do not underdose. Ensure each animal receives a complete dose based on a current body weight. Underdosing may result in ineffective treatment, and encourage the development of parasite resistance.



LONGRANGE is to be given subcutaneously only. Animals should be appropriately restrained to achieve the proper route of administration. Inject under the loose skin in front of the shoulder (see illustration) using a 16 or 18 gauge, 1/2 to 3/4 inch needle.

Sanitize the injection site by applying a suitable disinfectant. Clean, properly disinfected needles should be used to reduce the potential for injection site infections.

Withdrawal Periods and Residue Warnings
Animals intended for human consumption must not be slaughtered within 48 days of the last treatment. This drug product is not approved for use in female dairy cattle 20 months of age or older, including dry dairy cows. Use in these cattle may cause drug residues in milk and/or in calves born to these cows. A withdrawal period has not been established for pre-weaning calves. Do not use in calves to be processed for veal.

Animal Safety Warnings and Precautions
The product is likely to cause tissue damage at the site of injection, including possible granulomas and necrosis. These reactions have disappeared without treatment. Local tissue reaction may result in loss of edible tissue at slaughter.

Observe cattle for injection site reactions. If injection site reactions are suspected, consult your veterinarian. This product is not for intravenous or intramuscular use. Protect product from light. LONGRANGE (eprinomectin) has been developed specifically for use in cattle only. This product should not be used in other animal species.

When to Treat Cattle with Grubs
LONGRANGE effectively controls all stages of cattle grubs. However, proper timing of treatment is important. For the most effective results, cattle should be treated as soon as possible after the end of the heel fly (weavle fly) season.

Environmental Hazards
Not for use in cattle managed in feedlots or under intensive rotational grazing because the environmental impact has not been evaluated for these scenarios.

Other Warnings: Parasite resistance may develop to any dewormer, and has been reported for most classes of dewormers.

Treatment with a dewormer used in conjunction with parasite management practices appropriate to the geographic area and the animal(s) to be treated may slow the development of parasite resistance.

Fecal examinations or other diagnostic tests and parasite management history should be used to determine if the product is appropriate for the herd/flock, prior to the use of any dewormer. Following the use of any dewormer, effectiveness of treatment should be monitored (for example, with the use of a fecal egg count reduction test or another appropriate method).

A decrease in a drug's effectiveness over time as calculated by fecal egg count reduction tests may indicate the development of resistance to the dewormer administered. Your parasite management plan should be adjusted accordingly based on regular monitoring.

Macrocyclic lactones provide prolonged drug exposure that may increase selection pressure for resistant parasites. This effect may be more pronounced in extended-release formulations.

TARGET ANIMAL SAFETY
Clinical studies have demonstrated the wide margin of safety of LONGRANGE (eprinomectin). Overdosing at 3 to 5 times the recommended dose resulted in a statistically significant reduction in average weight gain when compared to the group tested at label dose. Treatment-related lesions observed in most cattle administered the product included swelling, hyperemia, or necrosis in the subcutaneous tissue of the skin. The administration of LONGRANGE at 3 times the recommended therapeutic dose had no adverse reproductive effects on beef cows at all stages of breeding or pregnancy or on their calves.

Not for use in bulls, as reproductive safety testing has not been conducted in males intended for breeding or actively breeding. Not for use in calves less than 3 months of age because safety testing has not been conducted in calves less than 3 months of age.

STORAGE
Store at 77° F (25° C) with excursions between 59° and 86° F (15° and 30° C). Protect from light.

Approved by FDA under NADA # 141-327
Made in Canada.

Manufactured for Boehringer Ingelheim Animal Health USA Inc., Duluth, GA 30096

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ANNOUNCEMENT



DR. VICKY LAUER
ARMOR ANIMAL HEALTH

Changes Coming in Antibiotic Availability

On June 11, 2021, the FDA announced that all medically important antibiotics currently available over the counter (OTC) will transition to prescription (Rx) status within the next two years.

The FDA has asked drug companies to voluntarily change the labels on their OTC antibiotics to contain the following Rx statement: "Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian." This change is the result of a long term plan to decrease antibiotic resistance by moving all medically important antibiotics under veterinary supervision.



While the label changes must occur by June 11, 2023 some products may become prescription before that time as the manufacturers proactively update their labels.

Once fully implemented, antibiotics will NOT be available at farm stores. Antibiotics could be purchased through a veterinary clinic, veterinary pharmacy or distributor so long as the veterinarian provides a prescription to that supplier.

Common antibiotics affected by this change are penicillin, oxytetracycline (LA200, Agrimycin, Biomycin and other generic formulations), injectable and oral sulfadimethoxine (Albon and Sustain III), mastitis tubes (Today, Tomorrow, GoDry, MastiClear and Albadry) and Tylan. Products NOT affected are coccidiostats (Corid, Deccox, Rumensin, CalfPro, etc.), dewormers and implants.

To prepare, farmers need a valid veterinary client patient relationship (VCPR). While it is not necessary for a veterinarian to personally examine every animal, the veterinarian must visit the farm and be aware of animal management before writing a prescription.

Contact us for more information about these changes and how they impact you.



PRODUCT REVIEW: AUTOGENOUS VACCINES



DR. JIM HEIER
ARMOR ANIMAL HEALTH

Pinkeye outbreaks occurring in the eyes of cattle can be very trying to control through vaccination due to the uniqueness of this disease. Infection usually starts with *Moraxella bovis* which then allows *Moraxella bovoculi* to get established. This is one of few diseases that affect cattle which has two bacterial organisms working together to cause

disease. There is no commercial vaccine that protects against both of these bacteria, so in order to protect cattle, two separate commercial vaccines requiring a booster of each (four additional vaccine doses) must be used. This makes designing a vaccine protocol much more difficult due to extra vaccine shots, additional cattle handling and figuring out how to keep vaccines to a maximum of two at a time to prevent adverse reactions. In addition, veterinarians who take eye samples are reporting they're finding more occurrences of another organism called *Mycoplasma bovoculi*, which is not in any commercial vaccines. Pinkeye vaccines containing mycoplasma may show a better response of preventing a pinkeye outbreak.

The solution to limiting vaccine dosages, the number of times cattle are handled and getting coverage to all the organisms in one vaccine including mycoplasma is Armor Autogenous Pinkeye vaccines. An autogenous pinkeye vaccine is made up of organisms causing pinkeye that were cultured from eye swabs of various animals. These cultures are then made into a vaccine specific to those strains of pinkeye organisms. One

advantage is the ability to add multiple strains of a pathogen which is prevalent in an area (typically anywhere from 3-10 strains). More strains give better coverage of pinkeye disease. Also, with new technology, there are two options for giving the autogenous pinkeye vaccine. Either traditional two dose pinkeye vaccine or the **new Bio One pinkeye vaccine**. The Bio One pinkeye vaccine does not require a booster dose, which allows seamless addition to current vaccine protocols.

A current Veterinary Client Patient Relationship (VCPR) with an Armor veterinarian is required to purchase these vaccines from Armor Animal Health or an outside veterinarian can purchase the vaccine from Armor after approval from the state veterinarian. This is required by the state for all autogenous vaccines.

Armor's Pinkeye with **Myco Bio One vaccine** has multiple bacterial pinkeye strains and does not require a booster. This is the most popular as it fits most vaccine protocols without adding extra animal handling and minimal vaccine doses. The multiple different strains are checked genomically to make sure the strains are unrelated, giving the best coverage at a very competitive price. Armor Veterinarians are constantly updating the bacterial strains with newer eye cultures and adding to the autogenous pinkeye vaccines as new genetic strains arise.

Contact your Armor Professional Services veterinarian or Armor sales representative to start using one of the Armor Autogenous Pinkeye Vaccines.



ANTIBIOTICS



Draxxin KP

Rx For the treatment of bovine respiratory disease (BRD) and the associated pyrexia in cattle due to *Mannheimia haemolytica*, *Pasteurella multocida*, *Histophilus somni*, and *Mycoplasma bovis*. Pre-slaughter withdrawal time of 18 days in cattle. Not for use in female dairy cattle over 1 yr of age, veal calves or calves less than 2 mos of age.

27146	50 mL	\$223.35
27147	100 mL	\$413.59
27148	250 mL	\$983.16
27149	500 mL	\$1,867.58



Duramycin 72-200

Oxytetracycline 200 mg/mL is a sterile, ready-to-use solution for the administration of the broad-spectrum antibiotic oxytetracycline by injection. For beef cattle, dairy cattle, calves and swine.

21638	100 mL	\$20.28
13142	250 mL	\$30.59
13259	500 mL	\$42.58



Increxxa

Rx Treatment and metaphylaxis of bovine respiratory disease (BRD) associated with *Mannheimia haemolytica*, *Pasteurella multocida*, *Histophilus somni* and *Mycoplasma bovis* susceptible to tulathromycin. The presence of the disease in the herd

should be established before metaphylactic treatment. Treatment of infectious bovine keratoconjunctivitis (IBK) associated with *Moraxella bovis* susceptible to tulathromycin.

26269	100 mL	\$285.87
26270	250 mL	\$680.75
26271	500 mL	\$1,320.10



Noromycin 300 LA

Broad-spectrum antibiotic for beef cattle, non-lactating dairy cattle and calves, including veal calves. For the treatment of pneumonia, shipping fever complex, infectious bovine keratoconjunctivitis (pinkeye), bacterial enteritis (scours), wound infections and acute metritis. Aids in control of enteritis in swine.

23151	100 mL	\$24.11
23152	250 mL	\$54.15
18217	500 mL	\$91.54

BREEDING SUPPLIES



CIDR Eazi Breed

Each CIDR Insert contains 1.38 g of progesterone in silicone molded over a nylon spine. 10 inserts/pouch. Applicator sold separately.

17171	10 ct	Call for current pricing.
17170	applicator, blue	Call for current pricing.



Cystorelin

Rx Gonadorelin (GnRH); indicated for the treatment of ovarian follicular cysts in dairy cattle. Can be used with cloprostenol sodium to synchronize estrous cycles to allow for fixed time artificial insemination in lactating dairy cows and beef cows.

12913	30 mL, 15 ds	\$23.39
23818	50 mL, 25 ds	\$36.65
23819	100 mL, 50 ds	\$68.62



Factrel

Rx Indicated for the treatment of ovarian follicular cysts in cattle. Factrel may be used with Lutalyse to synchronize estrus cycles to allow fixed-time artificial insemination in lactating dairy cows. Each mL of Factrel solution contains 50 mcg of synthetic gonadorelin (GnRH) hydrochloride. Has the identical amino acid sequence as endogenous gonadorelin.

11854	20 mL, 10 ds	\$19.80
13840	50 mL, 25 ds	\$46.02



Fertagyl

Rx Identical to the gonadotropin releasing hormone (GnRH) produced naturally by the cow, Fertagyl is indicated for the treatment of follicular and luteal cysts and cows. It also can be used for improvement in fertility when given at the time of artificial insemination or at mid-cycle (days 11 to 14); or given in the early postpartum period (days 15 to 40) to stimulate the return of normal physiological estrus cycles.

11421	20 mL, 10 ds	\$15.49
12695	100 mL, 50 ds	\$73.49

BREEDING SUPPLIES



Estrumate

Rx Used as a luteolytic agent in cattle. The luteolytic action can be utilized to manipulate the estrous cycle to better fit certain management practices, to terminate pregnancies resulting from mismatings, and to treat certain conditions associated with prolonged luteal function. For intramuscular use

in beef and dairy cattle. Supplied at a concentration of 250 mcg cloprostenol per mL. Cloprostenol sodium.

17210	20 mL, 10 ds	\$23.99
17211	100 mL, 50 ds	\$103.49



Lutalyse

Rx Indicated for estrus synchronization, treatment of unobserved (silent) estrus and pyometra (chronic endometritis) in cattle; for abortion of feedlot and other non-lactating cattle; for parturition induction in swine; and for controlling the timing of estrus in estrous cycling mares. Lutalyse Sterile Solution is supplied at a concentration of 5 mg dinoprost per mL. Dinoprost tromethamine.

17266	30 mL, 6 ds	\$19.19
17267	100 mL, 20 ds	\$59.22

GENERAL SUPPLIES



Estrus Heat Detectors

An excellent aid to the herdsman's visual observation program for detecting cows in standing heat. Apply to cows prior to standing heat or when cows are given injections to synchronize their estrus cycles.

13346	breeding indicator w/ bullseye, red, 50 ct	\$64.19
13348	breeding indicator w/ bullseye, fuschia, 50 ct	\$64.19
15402	breeding indicator w/ bullseye, green, 50 ct	\$64.19
13347	breeding indicator w/ bullseye, blue, 50 ct	\$64.19



S3 Weigh Scale System and Indicator

Bluetooth® connectivity allows you to record animal weights and configure settings using the MiHub Data Link app. The high contrast display is clearly visible on the brightest day and the LED backlit screen ensures visibility in failing light or dark sheds. Plus, if you record

your livestock weights using the MiHub Data Link mobile app you can instantly view your weighing data online, anywhere, with MiHub Livestock Management.

24901	weight system S3	\$1,649.99
25935	indicator S3	\$719.99

ReproMune

Distributed by:



The Next Generation In Beef Range Mineral

ReproMune Min YC For Beef Cattle

Gains Begin with Proper Nutrition

- Formulated by Dr. Jim Clement and Dr. Kermit Lyngaas to specifically address the needs of beef cows and heifers
- Feeding year-round equals healthier calves and increased conception rates
- Contains key trace minerals and vitamins, effective supplements in a nutrition program
- Includes yeast cultures to aid in indigestion
- Features higher amounts of Copper, Zinc, Manganese and Vitamin E compared to most other commercial minerals



#34221 - ReproMune Mineral YC, 50 lb

DEWORMER



Cydetin

Active ingredient, moxidectin, is a new-generation milbemycin drug with unique and significant advantages over common avermectins. This chemistry improves your internal/external parasite control program, providing long-lasting protection and end-user safety.



11858	injectable, 500 mL	\$159.74
11844	pour on, 5 L	\$329.99
11845	pour on, 10 L	\$619.99



Ivermectin

For the treatment and control of gastrointestinal roundworms, lungworms, grubs, horn flies, sucking and biting lice and sarcoptic mange mites in cattle. Do not use in female dairy cattle of breeding age. Do not use on lactating dairy cattle. 1 cc/22 lbs of body weight.



20942	injectable 1%, 500 mL	\$99.73
13304	pour on FP, 1 L	\$50.46
13095	pour on FP, 2.5 L	\$71.37
13225	pour on, 5 L	\$73.83



LongRange

Rx Contains 50 mg/mL eprinomectin, an extended-release injectable parasiticide for cattle on pastures useful for the treatment and control of roundworms, lungworms, grubs and mites.



12918	injectable, 250 mL	\$330.48
12919	injectable, 500 mL	\$660.97



Dectomax

A highly effective broad-spectrum parasiticide for control of internal and external parasites of cattle. Doramectin 0.5%.



14370	injectable, 100 mL	\$63.78
14424	injectable, 200 mL	\$125.13
14371	injectable, 500 mL	\$169.87
14374	pour on, 1 L	\$121.05
14375	pour on, 2.5 L	\$245.70
14376	pour on, 5 L	\$341.73



Ivomec

Highly effective broad-spectrum parasiticide for control of internal and external parasites. Safe for use in beef cattle. 250 mL treats ten 550 lb animals.



12911	pour on, 5 L	\$240.33
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Eprinex

Delivers highly effective internal and external parasite control in one application. Contains eprinomectin, a unique avermectin. Its broad-spectrum efficacy in a weatherproof formulation, margin of safety, zero slaughter withdrawal and zero milk discard, make it a convenient product for parasite control in beef and dairy cattle, including lactating dairy cattle.



12902	pour on, 5 L	\$327.48
12909	pour on, 20 L	\$1,171.97

FEED ADDITIVES

ReproMune

ReproMune Mineral

Formulated for beef cattle. Improved conception and weaning rates. Controls horn flies out on pasture (IGR only). Feeding rate: 4 oz per head per day.

34235	IGR, 50 lb	Call for current pricing.
34221	YC, 50 lb	Call for current pricing.



Vigortone Forage Pro

Formulated for beef cattle/stockers/ calves. Provides sound nutrition. Improved conception rates. Feeding rate: .5 - .75 lb per head per day.

34233	12%+2MAG tub, 200 lb	Call for current pricing.
34222	22% tub, 200 lb	Call for current pricing.
34227	28% tub, 200 lb	Call for current pricing.

FENCING SUPPLIES

Speedrite™
DATAMARS

Armor Animal Health carries a complete Speedrite product range to suit all your electric fencing needs, including: energizers, units, digital voltmeters, insulators, gate products, wire strainers, wire and tape, and reels. Visit armoranimalhealth.com for more information on Speedrite products.

Call for information on our full line of Speedrite fencing products: 888.930.9378



Speedrite S500 Solar

- Powers up to 8 acres
- 0.5 J max. output energy

24125 - \$272.99



Speedrite 6000 and 6000i

- Powers up to 90 acres
- 6.0 J max. output energy

24124 - \$449.99 *on Manufacturer Backorder

24122* - \$269.99 *comes with remote



Speedrite 18000i

- Powers up to 270 acres
- 18.0 J max. output energy
- Fully featured; remote control capable

32457 - \$1,049.90

Patriot™
DATAMARS

ELECTRIC FENCERS

INTELLIGENT FENCING FOR THE COUNTRY

These “go-anywhere” electric fence chargers can be used for any type of livestock and are perfect for intensive strip grazing. Using the power adapter supplied, the Patriot P5, P10, P20, and P30 can be connected to 110 V line input. Alternatively, by using the battery leads supplied with these chargers, they can be powered by a 12 V battery.

Patriot P10

Suitable for electrifying up to 30 miles (100 acres) of wire. Ideal for protecting livestock and grain stores from predators and pests.

32379.....\$135.59



Patriot P30

Most powerful energizer in the lineup with the greatest range and livestock control. Multiple power options energizer electrifying up to 65 miles (200 acres).

32392.....\$203.89



Patriot SolarGuard 150

The Patriot SG150 Integrated Solar Energizer is easily portable, simple and intuitive, plus it's more powerful than comparable energizers. Suitable for farmers of all types, the S150 can be used on larger farms, as well as lifestyle properties. Powers up to 10 miles (40 acres) 0.15 J maximum output energy.

34207.....\$169.99 *on Manufacturer Backorder



Boehringer Ingelheim **Cattle First.**



RIID CATTLE OF PARASITES, AND THEY HAVE A WAY OF SHOWING THEIR APPRECIATION.

Over 105 days,¹ Eprinex® (eprinomectin) dewormer is shown to pack on an additional 36 pounds per head ($P < 0.05$) in weaned calves vs. untreated controls. It's the first pour-on dewormer to kill 39 species and stages of internal and external parasites, with up to 99% efficacy.² Find EPRINEX near you at EPRINEX.com/retailers.

EPRINEX IMPORTANT SAFETY INFORMATION: No meat or milk withdrawal is required when used according to label. Do not use in calves intended for veal or unapproved animal species, as severe adverse reactions, including fatalities in dogs, may result.

¹Beckett J. Efficacy of pour-on dewormers differing in active ingredient and carrier on weight gain and fecal egg count in stocker beef cattle. College of Agriculture, Cal Poly State University. ²Based on FOI summaries and label claims.

²Based on FOI summaries and label claims.

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FLY & PEST CONTROL



Clean Up II

Active ingredient: diflubenzuron 3%, permethrin 5%. Provides

control of biting and sucking lice. Kills louse eggs (nits) before they hatch. One application controls lice.

30226	0.5 gal	\$72.09
22807	2.5 gal	\$299.99



Dairy Bomb 55

Indicated for use in the control of flying

and crawling insects on cattle, horses and swine as well as in beef cattle operations, dairy barns (including milk houses/rooms), hog houses, barns, stables, animal quarters and poultry houses.

22108	spray, 25 oz	\$24.72
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Fly Ban Synergized

Controls flies, keds, lice, gnats and ticks on beef cattle, lactating and non-lactating dairy cattle, calves, horses, foals, sheep and lambs.

24919	pour on, 2.5 gal	\$299.87
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Prozap Backrubber & Pour On

For use on beef, dairy cattle and swine for reduction of

flies, mosquitoes, lice and ticks. Use with backrubber equipment or as a pour-on. 12.5% Permethrin.

20392	2.5 gal	\$44.93
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Tempo SC Ultra

Active ingredient: cyfluthrin. Highly effective and a stabilized

pyrethroid insecticide. For use in and around buildings, including dairy barns, milking parlors, hospital pens, clinics, chutes and horse stables. Professional results against most flying and crawling pests.

23958	1 oz	\$13.99
11576	8 oz	\$49.99



Permethrin 10% EC

Broad spectrum control. Kills

darkling beetles, poultry lice, fowl mites, horn flies, house flies and face flies. Plus controls fleas, ticks, lice and mange mites. Indoor and outdoor premise control.

23988	8 oz	\$7.92
23989	16 oz	\$13.74
23991	32 oz	\$26.75
221963	gal	\$49.90



VetCaps & VetGun

20801	Aim-A, 30 ct	\$95.85
10218	Aim-L, 30 ct	\$73.85
18804	Aim-L, 150 ct	\$309.46
19975	applicator CO2 cartridge, 6x25	\$18.67
18805	applicator CO2 cartridge, 90 gm twin	\$33.88
34000	VetGun, CO2 empty refillable, 14 oz	\$40.65
31149	VetGun	\$342.16



Ultra Saber

The combination of PBO and 1% Lambdacyhalothrin means stronger, longer activity. From 99% to 87% reduction in fly pressure for 8 wks. For control of horn flies and lice for beef cattle and calves.

34186	pour on, qt	\$57.99
34185	pour on, gal	\$212.49



Healthy Savings & Healthy Value



Products that get the job done!

IMPLANTS



Ralgro
A protein anabolic agent for growth promotion in beef cattle with no objectionable side effects.

Ralgro is not a sex hormone. Each implant pellet contains 12 mg of Zeranol.

17332	implant, 24 ds	\$38.85
17331	applicator	



Revalor
A growth-promoting implant for

weaned pasture cattle. Combination implant of 40 mg trenbolone acetate (TBA) and 8 mg estradiol provides improved average daily gains for pasture cattle, steers, and heifers for approximately 120 days. Not to be used in animals intended for subsequent breeding or in dairy animals.

12019	needle	
15565	implant tool, purple	
11038	G, 10 ds	\$16.20



Synovex
When properly administered, SYNOVEX® implants increase rate of weight gain and improve feed efficiency.

11863	C, 10 ds	\$14.12
11873	SX10 applicator	
14820	SX10 needle, 5 ct	
11871	revolver applicator	
10526	revolver needle	

VACCINES



Ultrabac 7
7-way blackleg protection for cattle and sheep. For prevention

of Clostridium chauvoei, septicum, novyi, sordellii and perfringens Types C & D.

14333	50 mL, 10 ds	\$5.77
14331	250 mL, 50 ds	\$26.84



Ultrabac 8
7-way blackleg plus red water protection for cattle and

sheep. For prevention of Clostridium chauvoei, septicum, novyi, sordellii, perfringens Types C & D, plus haemolyticum (bacillary hemoglobinuria/red water).

14337	50 mL, 10 ds	\$5.82
14336	250 mL, 50 ds	\$27.17



Bovilis 20/20 Vision 7 w/ Spur

For use in healthy cattle as an aid in preventing disease caused by Clostridium chauvoei (blackleg), septicum (malignant edema), novyi (black disease), sordellii and perfringens Types C & D (enterotoxemia) and Moraxella bovis (Pinkeye, or infectious bovine keratoconjunctivitis).

13405	20 mL, 10 ds	\$22.49
13401	100 mL, 50 ds	\$94.49



Fusogard
For use in healthy cattle 6 mos of age or older as an aid in the reduction

of clinical signs of foot rot and the number and sizes of liver abscesses caused by Fusobacterium necrophorum.

12337	20 mL 10 ds	\$16.69
12338	100 mL, 50 ds	\$67.48



One Shot Ultra 7
Protection against blackleg,

malignant edema, black disease, clostridium sordellii infections, enterotoxemia and enteritis caused by Cl. Perfringens types C and D and bovine pneumonic pasteurellosis caused by Mannheimia haemolytica Type A1.

14384	20 mL, 10 ds	\$41.48
14385	100 mL, 50 ds	\$201.62



Bovilis Once PMH IN

Dual protection; protects against Mannheimia haemolytica and

Pasteurella multocida, the leading causes of early onset BRD.

10547	20 mL, 10 ds	\$33.49
10456	100 mL, 50 ds	\$160.99
12704	25x1 ds tray	\$112.49



One Shot BVD
Protects against BVD Types 1 and 2 and pasteurella caused by Mannheimia haemolytica type A1 in cattle.

14462	20 mL, 10 ds	\$34.32
14461	100 mL, 50 ds	\$171.78



Autogenous Vaccine
Ask our Armor sales reps or veterinarians for more details!

24514	Bio One Respiratory, 100 mL, 50 ds	\$227.05
24513	Bio One Pinkeye w/Myco, 100 mL, 50 ds	\$266.98
26915	Bio One Salmonella, 100 mL, 50 ds	\$273.11
23234	Pinkeye w/Myco 100 mL, 50 ds	\$125.79
23601	Respiratory 100mL, 50 ds	\$106.61
26911	Salmonella, 100 mL, 50 ds	\$128.52



Bovilis Pinkeye-1 Trivalent

One injection for season-long protection against pinkeye in cattle. No booster needed. Safe for use in pregnant cows.

17315	20 mL, 10 ds	\$15.99
17316	100 mL, 50 ds	\$69.49

VACCINES



Bovilis Nasalgen 3-PMH

Protects beef

and dairy cattle against 5 major causes of respiratory disease in one dose: Bovine respiratory syncytial virus (BRSV), Infectious bovine rhinotracheitis (IBR), Parainfluenza 3 (PI3), Pasturella multocida and Mannheimia haemolytica.

24850	10 ds	\$35.49
24851	50ds	\$168.99
24849	25 x 1 ds tray	\$120.99



Inforce 3

Prevents respiratory disease caused by BRSV. Gives

excellent protection against IBR and PI3. Intranasal administration. Demonstrated safe for all cattle ages, including pregnant cows.

14447	20 mL, 10 ds	\$18.13
14448	50 mL, 25 ds	\$44.30
14449	100 mL, 50 ds	\$76.91
14446	25 x 1 ds tray	\$62.50



Vira Shield 6+VL5

Vaccine protects cattle against IBR, BVD Types I and II, PI3, BRSV, Vibrio,

5 strains of Lepto and L. hardjo-bovis.

12317	6+VL5, 50 mL, 10 ds	\$27.50
13146	6+VL5, 250 mL, 50 ds	\$127.31
12346	6+VL5 HB, 250 mL, 50 ds	\$154.91



Bovi Shield Gold FP 5 VL5

For vaccination of healthy cows and heifers as an aid in preventing abortion, persistent infection, disease caused by IBR and BVD (Types 1 and 2), and disease caused by PI3, BRSV, Campylobacter fetus, Leptospira canicola, L. grippotyphosa, L. hardjo, L. icterohaemorrhagiae and L. pomona.

14408	20 mL, 10 ds	\$29.94
14409	100 mL, 50 ds	\$135.24



Bovilis Vista Once SQ

IBR, BVD Types I and II, PI3, BRSV, Mannheimia haemolytica and Pasteurella multocida.

13424	20 mL, 10 ds	\$42.99
13425	100 mL, 50 ds	\$202.99



Preg Guard Gold FP10

For vaccination of healthy cows and heifers as an aid in preventing abortion, persistent infection, and disease caused by IBR and BVD (Types 1 and 2) and disease caused by PI3, Campylobacter fetus, Leptospira canicola, L. grippotyphosa, L. hardjo, L. icterohaemorrhagiae and L. pomona.

17911	10 ds	\$22.79
33045	50 ds	\$101.97



Pyramid 5

Modified-live virus for vaccination of healthy cattle as an aid in the prevention of disease caused by IBR, BVD Types 1 & 2, PI3 and BRSV. Also aids in the prevention of persistent BVD Types 1 & 2 infection of the fetal calf when used SQ in the cow or heifer 30-60 days pre-breeding.

11848	20 mL, 10 ds	\$12.97
10621	100 mL, 50 ds	\$58.29



Triangle 4+PH-K

For vaccination of healthy cattle to protect against IBR, BVD, PI3, BRSV and infections caused by Mannheimia haemolytica.

34010	50 mL, 10 ds	\$50.65
34009	250 mL, 50 ds	\$245.85

Parasite Control

Managing the little things can help make a big difference.



Reducing parasite burdens helps increase feed intake — and that can lead to heavier calves when it's time to sell.¹ Zoetis parasiticides help reduce parasite burdens by covering more of the important parasites and life stages² — more than any other portfolio on the market. It's the kind of coverage you need to help take care of the little things and set your herd up for success. To learn more, visit GetLessParasites.com.

Consult your veterinarian for assistance in the diagnosis, treatment, and control of parasitism.



¹ Hawkins JA. Economic benefits of parasite control in cattle. Vet Parasitol. 1993;46:159-173.

² Based on approved labels for Dectomax® Pour-On, Dectomax® Injectable and Valbazen® Suspension, compared with approved labels for Eprinex®, Ivomec® Injectable, LongRange®, Synanthic® Suspension, Safe-Guard® 10% Solution, and Cydectin® Injectable and Pour-On.

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Why Armor?

ARMOR ANIMAL HEALTH IS COMMITTED TO HELPING YOUR BUSINESS THRIVE. You work long hours from sunup to sundown to make your business successful. Our roots started with providing quality service and a fair price to our local dairy and beef farmers. Over time, our business has expanded to help other businesses such as Retail Stores, Veterinarians and Hoof trimmers have access to the same quality service and fair price to offer to their own customers.

Our team members have strong roots in the industry, and we take pride in being a trusted partner you know and can rely on. Whether it's supporting you in helping your customers with animal health challenges, identifying product alternatives or helping you create an eye-catching retail store display; our team is available to help you find the best solution for you.



CONTACT US

Beef & Dairy

1440 Action Drive SE
Mandan, ND 58554
888.930.9378 Fax: 701.663.9638

beeforders@armorah.com

Open Monday – Friday

Customer Service and Retail Store:
7:30 a.m. - 5:30 p.m. CT

27058 Mueller Place Suite 1
Sioux Falls, SD 57108
800.255.1181

info@armorah.com

Open Monday – Friday

Customer Service:
8 a.m. - 4:30 p.m. CT

Order Pick-up:
8 a.m. - 4:30 p.m. CT

1240 Green Valley Road
Beaver Dam, WI 53916
800.255.1181 Fax: 920.885.2812

info@armorah.com

Open Monday – Friday

Customer Service:
7 a.m. - 5 p.m. CT

3910 N. George St., P.O. Box 575
Manchester, PA 17345
800.767.5611 Fax: 717.266.2594

info@armorah.com

Open Monday – Friday

Customer Service:
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Order Pick-up:
8 a.m. - 4:30 p.m. ET

Wholesale

828 19th Avenue NE
St. Joseph, MN 56374
800.397.6972 Fax: 320.363.4798

wholesaleorders@armorah.com

Open Monday - Friday

Customer Service:
8 a.m. - 4:30 p.m. CT

1240 Green Valley Road
Beaver Dam, WI 53916
844.840.7770 Fax: 920.885.2812

salesorders@armorah.com

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Customer Service:
7:30 a.m. - 5 p.m. CT

ARMOR HAS ALL YOUR TURNOUT NEEDS



**Scan the QR Code
to view our full list
of Turnout Products
available online!**

CREATE AN ACCOUNT

Setting up your new account at ArmorAnimalHealth.com!

There are a couple things that you need to take a look at as you get started: Creating an Account, resetting your password, and using the new Quick Order List Feature. We have put together tutorials to help navigate these processes, but if you experience any issues or need someone to help you, please contact us and we will be happy to help.

Standard Quick Order List:

- Once you create an account and Armor gets you linked up to your order history a quick order list will be built for you! It will include all the products you have purchased in the past 365 days. If you have multiple locations with your account you will see a list for each of your locations. When using the list to place an order each location order needs to be placed separately.
- Print feature so you can take it to your storage rooms to see what you need
- This list is refreshed for you frequently to make sure it is up to date with your order history

Personalized Quick Order List:

- Create your own Quick Order list by animals, product categories, or any way you choose.
- Quickly add, delete, or move things from one list to another
- Print feature so you can take it to your storage rooms to see what you need

HOW TO ORDER



Rep

Contact your Armor Sales Representative directly!



Phone

Call 888.930.9378 to talk to a Customer Service Representative!



Website

Shop online and place your order!



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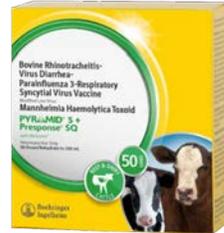


zoetis

Bovi-Shield Gold One Shot

Prevents respiratory disease caused by Infectious Bovine Rhinotracheitis (IBR), Bovine Viral Diarrhea Type 1 and Type 2 (BVD), and as an aid in preventing respiratory disease caused by parainfluenza (PI3), Bovine Respiratory Syncytial Virus (BRSV) and bovine pneumonia caused by Mannheimia haemolytica Type A1.

11240	10 mL, 5 ds	\$24.23
11241	20 mL, 10 ds	\$47.69
11242	100 mL, 50 ds	\$231.56



Pyramid 5 + Prespense SQ

Prevents disease caused by IBR, BVD Types I and II, PI3, BRSV and Mannheimia haemolytica.

11857	20 mL, 10 ds	\$35.66
16468	100 mL, 50 ds	\$171.78



Elanco

Corathon Tags

Contains 50% organophosphates (coumaphos and diazinon), 25% more active ingredient than the Co-Ral Plus® Insecticide Cattle Ear Tag. For use on beef and non-lactating dairy cattle.

16368	20 ct	\$57.83
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Y-Tex Insecticide Tags

Visit our website for full product details.

12108	Python II, 20 ct	\$40.74
12115	Python Magnum, 20 ct	\$39.95
12123	XP 820, 20 ct	\$56.18
24921	Max 40, 20 ct	\$54.20
21312	Tri Zap, 20 ct	\$64.78
18808	Optimizer, 20 ct	\$32.13



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APR - JUN 2022