

BEEF WEANING NEWSLETTER



ARMOR
ANIMAL HEALTH[®]

AUG - SEPT 2022

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Keep Calm and Wean On

Stress-reducing, non-prescription topical helps increase rancher profitability.

BY DR. RODRIGO BICALHO, DVM, PH.D
CEO OF FERA DIAGNOSTICS AND BIOLOGICALS

It's no secret that stress affects an animal's health and behavior, having a direct impact on your bottom line. Whether it is due to weaning, handling, transportation or environmental changes, any threat perception to your herd or individual cow can be costly. Each time an adrenal response is activated in a calf (or in a mature animal), the result can lower your return on investment whether by weight loss, a weakened immune response, decreased DMI, or a higher mortality rate.

To promote better health and wellness during weaning, *FerAppease*[®]—a chemical synthetic of the naturally occurring Maternal Bovine Appeasing Substance (MBAS)—is applied easily on the back of the head and above the muzzle to reduce stress factors that cost you in the long run.

How it Works

MBAS is a naturally occurring fatty acid compound produced within the skin near the mammary gland of lactating mammals. When nursing, these

chemicals enter a gland joined to the hypothalamus and amygdala, regions of the brain that recognize and process stress reactions.

FerAppease (like the MBAS molecules) prompts a calming effect on the brain, making it feel safe and protected and neutralizing the animal's perception of stressful situations. And because the fatty acid composition occurs naturally, *FerAppease* does not require a prescription or a veterinary plan.

FerAppease (MBAS) During Weaning

A research team evaluated MBAS during weaning. One treatment was applied to half of the weaning calves on the first day of weaning. The treated animals spread out in the pasture, calmly grazing like 30-day weaned calves, while the untreated calves raised dust, bunched up in a corner or bawled for their mothers. The research study also indicated fewer cases of respiratory disease, making the topical treatment a definite advantage to ranchers who precondition weaned calves.

Other benefits include:

- Higher Dry Matter Intake (DMI)
- Up to 50 lbs/Head more weight, post-weaning
- Enhanced antimicrobial resistance due to ease-of-adaption in the feedyard
- Reduction in retreatment protocols and mortality rates
- Finished steers exhibited lower pH levels, and less risk of "dark cutters"



27881	300 mL	\$90.00
27986	applicator	\$40.00



Healthy Savings
& Healthy Value



Products that get the job done!

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

SUPPLEMENTS



Multimin 90

Rx Provides zinc, manganese, copper and selenium in a readily available injectable. These trace minerals play a critical role in reproduction and immunity. Use at times of higher trace mineral demand like calving, breeding, dry-off, shipping, or introduction to the feedyard.

13093	100 mL	\$55.03
13094	500 mL	\$237.68



ProTernative Advantage Plus

Proternative Advantage Plus Includes naturally occurring, active dry yeast probiotic, *Saccharomyces cerevisiae boulardii* CNCM I-1079, plus a unique yeast extract with consistently high levels of prebiotic properties for use in all life stages of beef and dairy cattle and horses.

34106	20 kg	\$115.07
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FEED ADDITIVES

ReproMune

ReproMune Mineral

Formulated for beef cattle. Improves conception and weaning rates. Feeding rate: 4 oz per head per day.

34221	YC, 50 lb	Call for current pricing.
34236	YCO, 50 lb	Call for current pricing.



Vigortone Forage Pro

Formulated for beef. Provides sound nutrition. Improves conception rates. Feeding rate: 0.5 - 0.75 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.

Implant Use in Stocker Calves

BY PAUL BECK

ASSOCIATE PROFESSOR & EXTENSION SPECIALIST FOR BEEF NUTRITION
OKLAHOMA STATE UNIVERSITY, OSU EXTENSION, STILLWATER, OKLAHOMA

Implants are one of the most cost-effective technologies available to cattle producers. Stocker implants typically return more than \$15 for every \$1 invested. Implants effectively increase growth rate, increase protein deposition and improve feed efficiency resulting in approximately a 7% overall reduction in the cost to produce beef (Lawrence and Ibarburu, 2006). Potentially, a nursing calf, implanted at 3 months of age and 150 days before weaning, may gain an additional 0.10 pound per day for 150 days. The 15 pounds additional weaning weight could have a value of \$1.00 to \$2.00 per pound for a total of \$30. The implanting cost is approximately \$0.85. Here, the net return would be \$29.15 per calf sold.

Calves that are weaned and placed on grass or small grain pastures before finishing in a feedlot are referred to as stocker calves. Implant research trials have shown an improvement in the average daily gain (ADG) of stocker cattle from 8% to 20%, with numerous trials indicating that producers can expect a 10% to 15% (0.18 pounds per day to 0.27 pounds per day) improvement in ADG over nonimplanted calves. These studies were conducted through various lengths of time, but the average was approximately 150 days, which is a typical stocker grazing period. There are several implants available for stocker calves (see Table 1 on Page 5).

Payout for stocker implants is generally in the range of 80 days to 120 days, although several products are available with much longer payout periods. Re-implanting stockers should be considered when grazing periods are longer than the payout period (Table 1) and expected ADG during the second phase of the grazing period is moderate or high. Re-implanting in these situations has produced 4% to 6% improvement in ADG over a single implant. **In June 2023, the FDA will no longer allow reimplanting of calves within a production phase unless it is specifically allowed on the label.** Alternatively, implants designed for a longer payout time may be used as the initial and only implant to provide an active implant through a long grazing season. This would eliminate the need to gather and process the animals at the midpoint of the grazing season.

Factors affecting stocker response to implants are numerous and include sex, weight, genetic gain potential, forage availability, diet quality, supplementation and environmental conditions. Research has shown that as ADG of nonimplanted controls increases (due to pasture quality or other factors), the response to an implant also increases (Figure 1). No adverse effects have been documented from implanting cattle that gain at very low rates. Additionally, Figure 1 shows the implant response of steers stocked on wheat pasture at either 0.75 acres per steer (1.5 steers per acre; Low Gain) or 1.5 acres per steer (High Gain) (Williamson et al., 2014). Steers stocked for a low rate of gain without implants gained only 1.4 pounds per day, while implanting increased gains by 0.28 pounds per day, a 20% increase in gain with implants. Steers stocked on wheat pasture for a high rate of gain had average daily gains of 2.19 pounds per day without implants, which was increased by 0.34 pounds per day to 2.53 pounds per day with the implant, a 15% increase in gain. So, this research shows the increase in gains were similar even though the potential gains on pasture were quite different.

Research has also indicated that responses to implants, supplementation and ionophores are 100% additive in stocker cattle, and there may be a slight synergistic relationship. Full benefit should be expected from both the implant and the supplement program if both are used in stocker cattle. Figure 2 shows the gain response of steers grazing wheat pasture in the fall and winter to both growth-promoting implants and an ionophore (Beck et al., 2014). Steers in this experiment that were not supplied the ionophore nor given an implant gained 2.29 pounds per day, implanted steers not fed the ionophore gained 2.71 pounds per day, an increase of 0.42 pounds per day. Feeding an ionophore increased gains by 0.20 pounds per day whether they were

implanted or not, so steers fed an ionophore and implanted gained 0.6 pounds per day more than steers not implanted or fed an ionophore, which increased net returns by \$42 per steer.

FIGURE 1

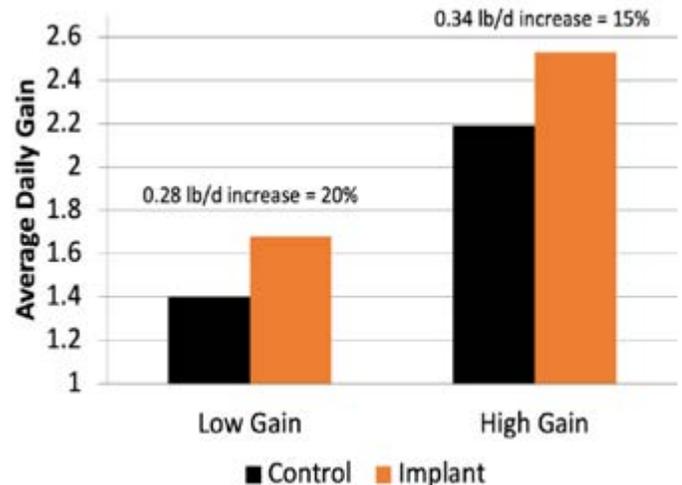


Figure 1. Implant response by steers grazing wheat pasture stocked to achieve either a low (1.5 steers per acre) or high (1.5 acres per steer) rate of gain during the winter and early spring. (adapted from Williamson et al., 2014)

FIGURE 2

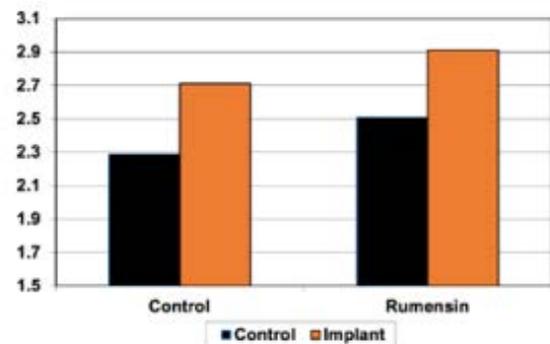


Figure 2. Gain response of steers grazing wheat pasture to growth promoting implants and an ionophore (monensin). Adapted from Beck et al., 2014.

REFERENCES

Beck, P. A., T. Hess, D. Hubbell, D. Hufstедler, B. Fieser, and J. Caldwell (2014) Additive effects of growth promoting technologies on performance of grazing steers and economics of the wheat pasture enterprise. *Journal of Animal Science* Vol. 92 Pg. 1213

Lawrence, John D and Maro A. Ibarburu. (2006) Economic analysis of pharmaceutical technologies in modern beef production. Iowa State University. <http://econ2.econ.iastate.edu/faculty/lawrence/documents/GET7401-LawrencePaper.pdf>

Williamson, J. A., R. R. Reuter, J. A. Apple, C. B. Stewart, H. C. Gray, and P. A. Beck. (2014) Growth promoting implants and nutrient restriction prior to feeding: effect on finishing performance, carcass composition, carcass quality, and consumer acceptability of beef. *The Professional Animal Scientist*. Vol. 30, Pg. 485.

This article is an excerpt from *Implants and Their Use in Beef Production*, a study published in May 2022 by Paul Beck, Ryan Reuter and David Lalman.

To view **Implants and Their Use in Beef Production** in its entirety, visit: <https://extension.okstate.edu/fact-sheets/implants-and-their-use-in-beef-cattle-production>

STOCKER CALF STEER / HEIFER	IMPLANT	BRAND	INGREDIENT / DOSE	RELATIVE POTENCY	PAYOUT (DAYS)
S/H	Ralgro®	MERCK	36 g zeranol	Low	70–100
S	Compudose®	ELANCO	25.7 mg estradiol	Low	200
S	Encore®	ELANCO	43.9 mg estradiol	Low	400
S	Synovex®-S	ZOETIS	200 mg progesterone 20 mg estradiol benzoate	Moderate	90–120
S	Component® E-S w/ Tylan®	ELANCO	200 mg progesterone 20 mg estradiol benzoate 29 mg tylosin tartrate ¹	Moderate	90–120
H	Synovex®-H	ZOETIS	200 mg testosterone propionate 20 mg estradiol benzoate	Moderate	90–120
H	Component® E-H w/ Tylan®	ELANCO	200 mg testosterone propionate 20 mg estradiol benzoate 29 mg tylosin tartrate ¹	Moderate	90–120
S/H	Revalor®-G	MERCK	40 mg trenbolone acetate 8 mg estradiol	Moderate	100–140
S/H	Component® TE-G w/ Tylan®	ELANCO	40 mg trenbolone acetate 8 mg estradiol 29 mg tylosin tartrate ¹	Moderate	100–140
S/H	Synovex® One Grass	ZOETIS	150 mg trenbolone acetate 21 mg estradiol benzoate	Moderate	180–200

¹ Local antibiotic

Table 1. Beef cattle implants approved for use in stocker calves and growing calves in confinement more than 400 pounds. (Research results are inconclusive concerning the value of one type of product over another.)

IMPLANTS



Ralgro Implants

An anabolic agent which increases rate of weight gain and improves feed conversions of weaned beef calves, growing beef cattle, feedlot steers, and feedlot heifers.

17332	implant, 24 ds	\$38.85
14779	implant needle	
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.

17337	Revalor 200, 10 ds	\$36.60
17338	Revalor IS, 10 ds	\$30.00
17339	Revalor S, 10 ds	\$36.60
11412	Revalor XS, 10 ds	\$90.75
15561	Revalor IH, 10 ds	\$30.00
11038	Revalor G, 10 ds	\$16.20
15560	Revalor H, 10 ds	\$36.60
21216	Revalor, XH, 10 ds	\$90.75
12019	Revalor needle	



Synovex

When properly administered, increase rate of weight gain and improve feed efficiency.

11864	Synovex H, 10 ds	\$14.12
11866	Synovex S, 10 ds	\$14.12
17464	Synovex One Feedlot, 100 ds	\$854.63
11865	Synovex Plus, 100 ds	\$397.79

Scan the QR code for more information on Implants!



VACCINES



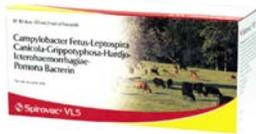
Vira Shield 6+VL5
Vaccine protects cattle against IBR, BVD Types I and II, PI3, BRSV, Vibrio, 5 strains of Lepto and L. hardjo-ovis (HB only).

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



Spirovac VL5
L. hardjo-ovis, Vibrio and 5 strains of Lepto for protection of cattle 4 wks of age or older. Annual booster is recommended. Safe for pregnant cows. Use VL5 with caution in dairy cattle.

34124	50 mL, 10 ds	\$44.19
17608	250 mL, 50 ds	\$215.37



CattleMaster Gold FP5
Aids in the prevention of abortion caused by infectious bovine rhinotracheitis (IBR) virus, persistently infected calves caused by bovine viral diarrhea (BVD) virus Types 1 and 2, and respiratory disease caused by IBR virus, BVD virus Types 1 and 2, parainfluenza 3 (PI3) virus and bovine respiratory syncytial virus (BRSV).

14396	10 mL, 5 ds	\$16.30
14397	20 mL, 10 ds	\$30.72
14398	50 mL, 25 ds	\$73.75

PROZAP
PROTECTUS
POUR-ON INSECTICIDE - IGR

Where your insect control strategy and execution meet

Prozap Protectus Pour-on Insecticide—IGR kills chewing and sucking lice, horn flies, stable flies, horse and deer flies on beef cattle and calves. Talk to your vet about a coordinated insect management strategy built around the newest addition to our Prozap line.



Learn more about Prozap solutions by scanning the code or visit Prozap.com



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New Triple Active Formula
Insect Growth Regulator • Adulticide • Synergist

VACCINES



zoetis

Inforce 3

Intranasal vaccine offers unprecedented respiratory protection with the highest level of disease prevention available against BRSV, while aiding in the prevention of IBR and PI3. Safe for beef and dairy cattle of all ages.

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



zoetis

One Shot BVD

Helps provide beef and dairy cattle with combined respiratory protection against M. haemolytica and BVD types 1 and 2 in a single dose.

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



zoetis

Ultrabac 7/Somubac

Vaccinates against Clostridium, Chauvoei, Septicum, Novyi, Sordelli, Perfringens types C&D, Bacterin Toxoid plus, and Haemophilus Somnus. Helps prevent Enterotoxemia.

14335	50 mL, 10 ds	\$12.37
14334	250 mL, 50 ds	\$59.28
23429	1000 mL, 200 ds	\$222.52



MERCK
Animal Health

BOVILIS Vision 7 Somnus w/ Spur

7-way blackleg plus somnus protection for cattle. For prevention of Clostridium chauvoei, septicum, novyi, sordellii, perfringens Types C & D plus Haemophilus somnus.

13404	20 mL, 10 ds	\$15.49
13399	100 mL, 50 ds	\$60.99
34098	500 mL, 250 ds	\$286.49



MERCK
Animal Health

BOVILIS Vision 8 Somnus w/ Spur

7-way blackleg, plus red water protection for cattle and sheep. Use for prevention of Clostridium chauvoei, septicum, novyi, sordellii, perfringens Types C & D, plus haemolyticum (bacillary hemoglobinuria/red water).

34099	20 mL, 10 ds	\$17.49
13400	100 mL, 50 ds	\$73.99



Boehringer Ingelheim

Triangle 10 HB

Complete protection against major reproductive and respiratory diseases. Contains type 1 and type 2 BVD strains for broad protection including the more prevalent type 2 strains.

10625	50 mL, 10 ds	\$23.37
10626	250 mL, 50 ds	\$108.86



MERCK
Animal Health

Vista Once SQ

For the vaccination of healthy cattle, 3 mos of age or older, as an aid in the control of respiratory disease caused by IBR, BVD Types 1 & 2, PI3, BRSV, Mannheimia haemolytica or Pasteurella multocida.

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



Boehringer Ingelheim

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



Boehringer Ingelheim

Express 5 HS

Bovine Rhinotracheitis-Virus Diarrhea-Parainfluenza3-Respiratory Syncytial Virus Vaccine, Modified Live Virus, Haemophilus Somnus Bacterin. Express® 5-HS contains neomycin as a preservative. Contains IBR-BVD Types 1 & 2, PI3-BRSV modified live virus. IBR fraction stimulates serological and cell mediated immune (CMI) response.

10584	20 mL, 10 ds	\$17.89
10607	100 mL, 50 ds	\$82.81



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

VACCINES



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



Somubac

For vaccination of healthy cattle and calves as an aid in preventing disease caused by Haemophilus somnus. Consists of inactivated, standardized cultures of Haemophilus somnus, adjuvanted with aluminum hydroxide.

16418	20 mL, 10 ds	\$6.88
21964	100 mL, 50 ds	\$29.78

AUTOGENOUS VACCINES

*Autogenous vaccines can be formulated specifically for the specific bacteria found on your farm or ranch. **NOTE:** All autogenous vaccines require a Valid Client Patient Relationship (VCPR) with an Armor Vet or can be purchased by a license veterinarian after state approval. Call 800.255.1181 to discuss if this is an option for you. Work with your Armor veterinarian to determine when and what vaccine is appropriate for your farm or ranch.



Autogenous Myco Moraxella Bovis Pinkeye Vaccine

Vaccinate your herd against 3 strains of pinkeye: Moraxella bovis, Moraxella bovoculi and Mycoplasma bovoculi. Bio One does not require a booster.

23234	100 mL, 50 ds	\$118.00
24513	Bio One, 100 mL, 50 ds	\$248.00



Autogenous Respiratory Vaccine

Vaccinate your herd against three strains of pneumonia: Mycoplasma bovis, Bibersteinia trehalosi, and Histophilus somni. There are no commercially available vaccines against Mycoplasma and Bibersteinia. The inclusion of Histophilus provides even broader coverage. When combined with a Mannheimia and Pasteurella vaccine, the respiratory vaccine offers the maximum protection possible against bacterial pneumonia. Bio One does not require a booster.

23601	100 mL, 50 ds	\$100.00
24514	Bio One, 100 mL, 50 ds	\$212.00



**HIGH-OCTANE
DEWORMING.
HIGH-PERFORMANCE
CATTLE.**



SYNANTHIC white dewormer is a fast-acting, low-dose drench that gets to work right away and kills the parasites that matter the most. Learn more at SYNANTHIC.com.

SYNANTHIC RESIDUE WARNINGS: Cattle must not be slaughtered until seven days after treatment. Because a withdrawal time in milk has not been established, do not use in female dairy cattle of breeding age.



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DEWORMERS



Cydetectin Pour On

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.



11842	1 L	\$114.11
11843	2.5 L	\$235.50
11844	5 L	\$342.36
11845	10 L	\$643.24
11827	applicator	



Ivomec Plus Injection

Active ingredients: ivermectin and clorsulon. For the effective treatment and control of internal parasites in cattle, including adult liver flukes and external parasites.



12898	500 mL	\$197.84
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Ivermectin Pour On

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.



21645	250 mL	\$20.36
13304	1 L	\$48.35
13095	2.5 L	\$63.99
13225	5 L	\$73.83
25458	applicator	



Valbazen

Contains 11.36% Albendazole. An oral suspension for use in cattle, sheep and non-lactating goats. Cattle/Sheep: Removal and control of liver flukes, tapeworms, stomach worms, intestinal worms and lungworms in cattle and sheep. Goats: Treatment of adult liver flukes.



14359	500 mL	\$50.02
14360	1000 mL	\$89.72
14361	5 L	\$381.65
10696	power doser applicator	
26680	oral drench applicator	



Dectomax Pour On

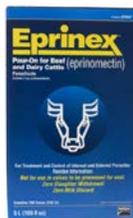
A highly effective broad-spectrum parasiticide for control of internal and external parasites of cattle. Doramectin 0.5%.

14374	1 L	\$121.05
14375	2.5 L	\$245.70
14376	5 L	\$341.73
14390	applicator	



Eprinex Pour On

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.



12901	2.5 L	\$219.84
12902	5 L	\$327.48
12909	20 L	\$1,171.97
20207	applicator, 80 mL	



Noromectin 1% Injectable

One, low-volume dose for effective treatment and control of internal and external parasites, including gastrointestinal roundworms, lungworms, grubs, sucking lice and mange mites. An ivermectin-based parasiticide for the effective treatment of a wide range of internal and external parasites of beef cattle, dairy cattle of non-breeding age and swine.



23214	50 mL	\$30.87
23215	250 mL	\$53.25
32018	500 mL	\$103.84
23213	1000 mL	\$204.79



SafeGuard

Highly effective against internal parasites. Effective against large roundworms, nodular worms, whipworms, lungworms, kidneyworms, and small stomach worms.



10756	pellets, 25 lb	\$105.99
34100	medicated flakes 1.96%, 50 lb	\$750.50
11403	suspension 1000 mL	\$153.49
11418	suspension, 1 gal	\$420.99
16004	suspension, 10 L	\$997.49
11411	oral drench applicator	

PEST CONTROL



Ultra Boss
5% Permethrin formulation with 5% Piperonyl Butoxide optimizes control. Broad spectrum and fast acting insecticide against lice, horn flies, face flies, horse flies, stable flies, mosquitos, black flies and ticks.

17437	qt	\$35.49
17436	gal	\$131.99
11407	applicator	



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. No pre-slaughter or milk withholding period.

30226	0.5 gal	\$76.60
22807	2.5 gal	\$318.74
11737	applicator	

NEEDLES/SYRINGES



Ideal Needles
Aluminum hub for large animal applications requiring a durable needle. Anti-friction coating for minimal penetration resistance and animal discomfort. Stainless steel cannula. Sterile, nonpyrogenic, autoclavable components.

11802	16 X 5/8" AH, 100 ct	\$21.94
11803	16 X 3/4" AH, 100 ct	\$21.94
10177	18 X 5/8" AH, 100 ct	\$16.76
23440	18 X 3/4" AH, 100 ct	\$16.76



Repeater Syringe
Metal semi-automatic syringe fills through the tip. Has a comfortable handle and is easy to clean and maintain. It is able to administer a variety of vaccines and has fixed settings for ease and speed of use. Optional polypropylene barrel for increased chemical resistance.

33070	25 mL, metal	\$89.16
22019	50 mL, metal	\$89.16

Building healthy futures starts with building healthy herds.



If you've ever needed more clarity on which vaccines and medications to give or exactly when to give them, Building Healthy Herds by Zoetis can help. Our new, easy-to-use health planning tool can give recommendations on vaccinations, dosage and even timing. It's expert-guided health management, all in your hands.

Build your plan today at BuildingHealthyHerds.com



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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

1240 Green Valley Road
Beaver Dam, WI 53916
800.255.1181 Fax: 920.885.2812
info@armorah.com

Open Monday – Friday

Customer Service:
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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

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

Open Monday - Friday

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

INDUSTRY EVENTS & DATES

2022 Farm Progress Show

August 30 - September 1, 2022
Boone, IA

Experience the Nation's Largest Outdoor Farm Event

World Beef Expo

September 22-25, 2022
West Allis, WI

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 800.255.1181 to talk to a Customer Service Representative!



Website

Shop online and place your order!

ARMOR ANIMAL HEALTH

WIN \$100 GIFT CARD

www.armoranimalhealth.com/Review2Win

Pricing and promotions subject to change.

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1440 Action Drive SE
Mandan, ND 58554

888.930.9378 | beeforders@armorah.com

DETECT. DEFEND. DELIVER.



PRST STD
U.S. POSTAGE
PAID
ST CLOUD, MN
PERMIT NO. 2382



Bovilis Nasalgen 3-PMH

Protects beef and dairy cattle against 5 major causes of respiratory disease in 1 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



Prozap Protectus Pour On

A ready-to-use triple active formula, this Insecticide is to be used on beef cattle and calves to kill chewing and sucking lice, horn flies, stable flies, horse and deer flies. A unique combination of actives includes an insect growth regulator (IGR), adulticide, and a synergist that provide cattle relief from infestations and producers a reliable solution that helps minimize handling, time and labor costs. The addition of the insect growth regulator, diflubenzuron, kills louse eggs before they hatch, providing season long control of lice in one application. Contains 3% diflubenzuron, 2.5% piperonyl butoxide, and 0.5% lambda-cyhalothrin.

28022	.5 gal	\$85.00
28023	2.5 gal	\$335.00
28024	applicator	




ARMOR
ANIMAL HEALTH®

AUG - SEPT 2022