ARMOR ANIMAL HEALTH
DETECT. DEFEND. DELIVER.

THE PRODUCER'S *EDGE*

November/December 2020

IMPLANTS

Proper Procedures for Using Implants

1. Properly restrain the animal in a squeeze chute or head gate to allow access to the ear.
2. Disinfect the skin at the implant insertion site.
3. Deposit the implant between the skin and cartilage on the back side of the ear.
4. Check implant placement to ensure adequate implanting.
5. Disinfect the implant needle between applications.

University of Arkansas, Cooperative Extension Service Extension Livestock Specialist Shane Gadberry, Program Associate John Richeson

Work with your Armor Animal Health Professional to find the implants that are right for you.

See Implant options on page 4



Deworming Cattle FAQs

What is strategic deworming?

A method of deworming that fluctuates based on:

- Management - Type of cattle and how they are worked
- Environment - Pasture density, rotation schedule, housing type
- Weather - Deworming approximately 1 month after heavy rain

What are the costs of failing to deworm?

- Immune suppression
- Decreased milk production
- Decreased weaning weight/weight gains
- Decreased feed efficiency
- Decreased reproductive efficiency



What herd management techniques should be used in a deworming program?

- Let pastures sit for a year without grazing to break the worm's life cycle.
- Make sure the proper dose is administered. If the dose isn't adequate, resistance is more likely to occur.
- Proper chute facilities will decrease stress at handling and increase dosing compliance.
- Place less susceptible more mature cattle on more contaminated pastures.

How does season and latitude affect deworming considerations?

- Deworm more frequently during warm (60-80*F) and wet (at least 2" of rain/month) periods.
- Deworm more frequently if you live in a wet or humid climate.
- Deworm in late fall in northern climates to kill larva before winter to clear infestations.

What is resistance?

- Resistance occurs when the recommended dose of the preventative product fails to reduce worms by more than 95%.

Resistance Facts:

- Deworming at the wrong time causes resistance.
- Treatment failure does not mean resistance.
- You don't want to kill all the worms; you want a few good worms to decrease resistance.
- Drivers of resistance:
  - Lack of 100% fecal egg counts
  - Route of administration (injection preferred to pour on for more accuracy)
  - Generics: certain generics shown not as effective as name brands
  - Management practices: dose, diagnostics, treatment, timing

See Dewormer options on page 2

Contact your Armor Rep on details on how to get a FREE Fecal Egg Count Reduction Test.

DEWORMER OPTIONS

Zoetis - Dectomax Pour-On, Injectable and Valbazen Drench

#	Product	Size
23752	**Dectomax® Pour-On**	1 L
23906	**Dectomax® Pour-On**	2.5 L
24031	**Dectomax® Pour-On**	5 L
4291999	**Dectomax® Inj**	100 mL
5019322	**Dectomax® Inj**	200 mL
4292103	**Dectomax® Inj**	500 mL

#	Product	Size
3814068	**Valbazen® Drench**	500 mL
2127105	**Valbazen® Drench**	1 L
3256561	**Valbazen® Drench**	5 L

Applicator Gun FREE w/ Case Purchase



Elanco - Cydectin Pour-On and Injectable

#	Product	Size
4325397	**Cydectin® Pour-On**	5 L
4325419	**Cydectin® Pour-On**	10 L
5015383	**Cydectin® Inj.**	5 L

Applicator Gun FREE w/ Case Purchase

Save $5 per liter of Cydectin Pour-On or $12 per bottle of Cydectin Injectable.*

*Offer valid through 11/30/2020 *Minimum purchase amount of 10 liters of Cydectin Pour-On OR 4 bottles of Cydectin Injectable. Cydectin Pour-On and Cydectin Injectable contract and competitive bid customers will be excluded from this program.*



Merck - Safe-Guard Feed Grade, Blocks and Oral Suspension

#	Product	Size
5009774	**Safe-Guard ® Pellets**	25 lb
8938	**Safe-Guard® Blocks**	1 L
4252068	**Safe-Guard® Oral**	1000 mL
148642	**Safe-Guard® Oral**	1 gal
149872	**Safe-Guard® Oral**	10 L
148067	**Safe-Guard® Paste**	5 g syringe

Earn a 10% rebate on eligible Safe-Guard products:

- **Safe-Guard Suspension: Liter, Gallon, 10 L**
- **Safe-Guard Paste: 290 gm**
- **Safe-Guard Protein Block**
- **Safe-Guard Range Cubes**
- **Safe-Guard .5% Pellets**

Offer valid through 11/30/20. OneMerck Program customers are ineligible for Safe-Guard rebate. Minimum qualifying purchase is $100 for a rebate of $10 and maximum rebate amount is $150.



Boehringer Ingelheim - Ivomec Pour-On and Synanthic Drench

#	Product	Size
5009774	**Ivomec® Pour-On**	5L
383221	**Synanthic Drench**	1L



DEWORMER PRODUCTS COMPARISON CHART

Product	Active Ingredient	Round Worms	Inhibited Round Worms	Lung Worms	Liver Flukes	Tape Worms	Eye	Sucking Lice	Biting Lice	Grubs	Mange Mites	Horn Flies	Species *	Lactating Cows	Cattle Meat Withhold (days)
Cydectin Injectable	Moxidectin, 1%	X	X	X				X		X	X		Beef, Non-Lactating Dairy		21
Cydectin Pour-On	Moxidectin, 0.5%	X	X	X				X	X	X	X	X	Beef, Dairy	X	0
Dectomax Injectable	Doramectin, 1%	X	X	X			X	X		X	X		Beef, Non-Lactating Dairy, Swine		35
Dectomax Pour-On	Doramectin, 0.5%	X	X	X			X	X	X	X	X	X	Beef, Non-Lactating Dairy		45
Ivomec Pour-On	Ivermectin, 0.5%	X	X	X				X	X	X	X	X	Beef, Non-Lactating Dairy		48
Safe-Guard Cattle Block	Fenbendazole	X		X									Beef, Non-lactating Dairy		11
Safe-Guard Oral Suspension	Fenbendazole, 0.5%	X		X									Beef, Dairy, Goats	X	8
Safe-Guard Pellets	Fenbendazole, 0.5%	X		X									Beef, Dairy	X	13
Synanthic	Oxfendazole 22.5% suspension	X	X	X		X							Beef, Non-Lactating Dairy		7
Valbazen Oral Suspension	Albendazole, 11.36%	X	X	X	X	X							Beef, Non-Lactating Dairy, Sheep, Non-Lactating Goats		27

For the complete Dewormer Comparison Chart, visit www.armoranimalhealth.com/technical-bulletins.

New Products

Triple Crown Senior
#6047238 - 50 lbs

A high fat, grain free, beet pulp-based feed. Ideal for older horses with metabolic issues, mature horses, hard keepers, rescue/starved horses, horses with ulcers and those with COPD/ heaves. May also be used as a complete diet.



Triple Crown 30% Ration Balancer
#6047236 - 50 lbs

A pelleted vitamin and mineral feed for easy keepers not needing additional calories. Ideal for ponies, miniature horses, growing horses, broodmares, performance horses and those with metabolic disease. Balances hay and pasture diets.



Triple Crown Growth
#6047237 - 50 lbs

A super-premium beet pulp-based feed for growing horses, broodmares and breeding stallions.



Effersan
#6047700 - 24 count jar

Advanced chlorine molecule has more germ-killing capacity than bleach. A convenient, effervescent tablet, is easy to store, handle and prepare for use. When dissolved in water, it creates a versatile sanitizing solution which is non-corrosive, non-irritating.



Contact your sales rep for more information on new products.

Product Review: *Valbazen®*



By Dr. Jacob Carlson, Armor Professional Services Veterinarian

Valbazen (Zoetis) is a dewormer that is very useful when designing a parasite control program for feedlots and backgrounders. Calves will come off of grass with a parasite load that if untreated will cause a negative effect on immune function and response to vaccines and has the effect of depressing the calf's appetite.

The main ingredient in Valbazen in albendazole. It is a white liquid that is delivered with a drench gun at a rate of 4 mL/100 lbs. The advantage of Valbazen is that it has the greatest coverage for different internal parasite species in this class of dewormer.

The most common parasite we are concerned about in beef cattle from the northern part of the United States is Ostertagia. This parasite resides in the abomasum, and has the main effect of depressing feed intake, reducing digestibility of feed and decreasing weight gain.

The other thing that sets Valbazen apart from other dewormers is its ability to treat liver flukes. It is the only product labeled to treat these parasites that cause liver damage and can cause problems with calf health.

Valbazen can also be used along with injectable dewormers such as Dectomax Injectable to help increase the return on investment front the use of these products.

DECTOMAX® (doramectin) and VALBAZEN® (albendazole) provide long-lasting control that eliminates the toughest parasites, and protects your bottom line. With fewer worms, cattle experience improved appetite and greater weight gain. **Stop by our store in Mandan, ND or call 888.930.9378 to learn more and save on your dewormers today.**



PRODUCT UPDATES

Please contact your sales representative for product availability and best substitutes. The whole Armor team is working diligently to avoid stockouts to make sure you and your animals have what they need. We appreciate your patience as we work through any delays.

Manufacturer backorders/limited release:

- Ampicillin Rx.
- Bio-Mycin 200
- BoviShield Line of Products
- CattleMaster Line of Products
- Canine Spectra
- Cystorelin
- C&D Antitoxin
- Duramycin 72-200
- Inforce 3
- Noromycin 300 LA
- One Shot
- Panacur C
- Penicillin
- Polyflex 25g
- PreGuard Gold FP 10
- Pyramid 5 + Presponse
- Revalor 200
- Revalor H
- Revalor XH
- Revalor S
- Scour Boss
- ScourGuard 4-KC
- Sulfamimethoxine
- Tetanus Antitoxin
- Thiamine HCL 200 mg
- Titanium 5 PH-M
- Touch N Tuff Gloves
- Triangle 4 PH-K
- Triangle 5
- Triangle 10
- Tylan 200
- Wart Vaccine
- Zactran

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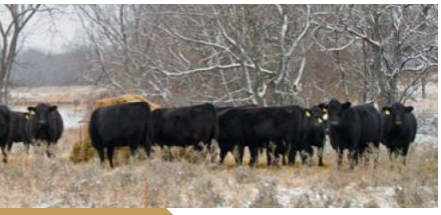
linkedin.com/company/armoranimalhealth

ARMOR ANIMAL HEALTH
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888.930.9378 | Beef Division

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Call us today: 888-930-9378



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IT'S IMPLANT TIME!



Synovex Implants • Zoetis

Separately formulated for calves, heifers, and steers to promote maximum growth performance and feed efficiency. The implants contain naturally occurring hormones and do not require a withhold period before marketing. They are packaged in 10-ds clips for subcutaneous ear implantation. Formulated for calves from 45 days of age until 400 lbs in weight. Approved for use in both steer and heifer calves – even heifer calves that may be used for breeding later. They contain 100 mg progesterone and 10 mg estradiol benzoate. Synovex H heifer finishing implants contain 200 mg testosterone and 20 mg estradiol. Synovex S steer finishing implants contain 200 mg progesterone and 10 mg estradiol.
Synovex C, 10 ds reel.

10 ds reels
42056 - Synovex C, for Calves
42080 - Synovex H, for Heifers
42064 - Synovex S, for Steers

100 ds per package
4483510 - Synovex Choice (Steers)
47589 - Synovex Plus (Steers & Heifers)
14347 - Synovex ONE Feedlot
14346 - Synovex ONE Grass

42072 - Revolver Applicator
5039506 - SX 10 Applicator
38075 - extra needles, each



Ralgro Implants • Merck

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. Cattle Ralgro 36 mg per dose, 24 doses per cartridge.

16349 - cartridge
16497 - implant gun
16373 - replacement needles - 3/pkg



Revalor Implants • Merck

Revalor is 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.

5040475 - implant gun
6047505 - needle
4270274 - Revalor-G
4270398 - Revalor IS
4270401 - Revalor IH
5020038 - Revalor XS