



2023 FALL RUN PRODUCT GUIDE



Vaccines
Dewormers
Implants
Minerals
Feed



RUN HEALTHY THIS FALL

with convenient livestock products and resources from FBN® Animal Health



Protect the health of your herd by using our extensive online list of animal health products shipped directly to your operation. Spend your time this fall running your operation—not running for supplies.

- **Free shipping** on orders over \$500
- Most delivery times are **3 days or less**
- Our network of veterinarians is **unbiased and independent**, meaning more products to choose from



Maintaining a healthy ROI by comparing products and choosing what's best for your livestock operation.

- Online product **pricing is upfront** and clear
- Find products by **major manufacturers or generic alternatives**
- The more you order, the bigger your discount



Know how to deal with issues before, during or after they arrive.

- Our **network of veterinarians** can help you find solutions
- Search **resource blogs, webinars and livestock info** by topic at [FBN.com/community/blog](https://www.fbn.com/community/blog)



VACCINES

No matter your vaccination schedule, product preference or the stress level across your herd at the time of application, FBN has solutions for your operation.



TYPE	NAME
<u>Zoetis</u>	<u>Bovi-Shield GOLD 5®</u>
	<u>Bovi-Shield GOLD® BVD</u>
	<u>Bovi-Shield GOLD One Shot®</u>
	<u>Inforce 3®</u>
	<u>One Shot®</u>
	<u>Ultrabac® 7</u>
<u>Merck</u>	<u>Bovilis® Nasalgen® 3</u>
	<u>Bovilis® Nasalgen® 3-PMH</u>
	<u>Bovilis® Vista® 5 SQ</u>
	<u>Bovilis® Vista® Once SQ</u>
	<u>Bovilis® Vision® 7 with SPUR</u>
<u>BI</u>	<u>Pyramid® 5</u>
	<u>Pyramid® 5 + Presponse® SQ</u>
	<u>Bar-Vac® 7</u>
<u>Elanco</u>	<u>Titanium® 5</u>

KNOW YOUR VACCINE TYPES

- **Killed vaccines** consist of pathogen particles or pathogens that have been killed to destroy the ability to cause disease. Boosters are required to maximize immune response.
- **Modified Live vaccines** consist of altered pathogens that can replicate within the calf. They elicit an immune response similar to a natural infection but without causing true disease.
- **Intranasal vaccines** initiate a rapid immune response in the nose. They are not affected by maternal antibodies and can also increase non-specific immunity in the upper respiratory tract (interferon release).
- **Injectable vaccines** take longer for the immune response and can be affected by maternal antibodies (the calf won't respond). Cattle aren't fully protected for 10-14 days and killed vaccines will need a booster for full protection.

STRESS FACTOR CONSIDERATIONS

Acute stress is the fight or flight response. When cattle are stressed they release hormones that cause an increased blood flow to skeletal muscles, heart and brain. During this response, lots of energy is used and may increase their maintenance requirements and result in a loss of production such as milk, reproductive performance, and reduced growth. The animals usually return to homeostasis within 3–7 days but it could be longer.

Chronic stress is longer lasting and the cattle are slower to return to homeostasis. It may occur when an animal is exposed to many stressors at once or repeatedly exposed to the same stressor for an extended period of time. Chronic stress can lead to overexposure of stress related hormones. Which in turn can lead to a compromise in biological functions such as their immune system, metabolism, digestion, reproduction, growth, etc. It can also increase production costs and efficiencies for the rest of the feeding period.

Why do we care about stress in cattle? Stressed animals will not respond to vaccines efficiently. Their immune system is DOWN regulated because the body is focused on surviving right now versus fighting off tomorrow's disease. This can lead to poor protection against infectious diseases and reduced production (milk and muscle).

Find seasonal promotions at [FBN.com/AnimalHealth](https://www.fbn.com/AnimalHealth)

DEWORMERS

Manage the wide-range of negative effects external or internal parasites have on your cattle. Find Oral, Topical and Injectable deworming options.



TYPE	NAME
Oral	<u>Panacur® Suspension for Beef and Dairy Cattle</u>
	<u>Safe-guard® 0.5% Pellets</u>
	<u>Safe-Guard® Suspension</u>
	<u>Valbazen®</u>
	<u>Synanthic® 22.5%</u>
Topical	<u>Dectomax® Pour On</u>
	<u>Bimectin® Pour-On</u>
	<u>Ivermectin Pour-On for Cattle Value Pick</u>
	<u>Eprinex®</u>
	<u>Eprizero®</u>
	<u>Cyductin® Pour-On for Beef and Dairy Cattle</u>
Injectable	<u>Dectomax® Injectable</u>
	<u>Ivermectin 1% Injection Value Pick</u>
	<u>Cyductin® 1% Injectable Solution</u>

KNOW YOUR DEWORMING OPTIONS

- **Oral** targets internal parasites such as liver flukes, lungworms, roundworms and tapeworms. Each product has different coverage of the type and stage of parasite it can kill. Oral dewormers are typically used after calves have been exposed to pasture long enough to consume eggs, but before they begin shedding larva in their feces, on arrival into the feedyard where continued exposure is minimal or in cows after a hard freeze to decrease the worm load that “hibernates” in the stomach throughout winter.
- **Topical** targets external and internal parasites such as sucking & biting lice, mites, grubs, flies or lungworms, roundworms, and tapeworms. Topicals are better at external parasite control and have the convenience of pour-on administration vs. injection.
- **Injectable** targets internal parasites more than external. They also increase confidence that the proper dose is administered. Injectables are typically used when there is a high parasite load.



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IMPLANTS

Create an implant program from our wide range of natural or synthetic hormone-based implants. Shop by cattle category, brand name, dosage or package option.



TYPE	NAME
Elanco	<u>Component® E-C with Tylan®</u>
	<u>Component® TE-IS with Tylan®</u>
	<u>Component® TE-IH with Tylan®</u>
	<u>Component® TE-200 with Tylan®</u>
	<u>Component® TE-G with Tylan®</u>
Merck	<u>Compudose®</u>
	<u>Encore®</u>
	<u>Ralgro®</u>
	<u>Revalor® 200</u>
	<u>Revalor®-G</u>
	<u>Revalor®-H</u>
	<u>Revalor®-IH</u>
	<u>Revalor®-IS</u>
	<u>Revalor®-S</u>
<u>Revalor®-XH</u>	
Zoetis	<u>Revalor®-XS</u>
	<u>Synovex® C</u>
	<u>Synovex® Choice</u>
	<u>Synovex® H</u>
	<u>Synovex® One Feedlot</u>
	<u>Synovex® One Grower</u>
	<u>Synovex® Plus</u>
<u>Synovex® S</u>	

HOW IMPLANTS PAY

- **Increases in daily gains of 15% to 20%¹** can be expected in the feedlot.
- **Feed efficiency sees a 6% to 14%² improvement** when an implant is used that includes estrogen and androgen.
- **Overall carcass weight at harvest increases** when an implant is present.



Naturally-occurring Hormones

- Estradiol
- Progesterone
- Testosterone

Synthetic Hormones

- Zeranol (mimics estradiol)
- Trenbolone Acetate (mimics testosterone)

Find seasonal promotions at [FBN.com/AnimalHealth](https://www.fbn.com/AnimalHealth)

¹⁻² Duggin, Jason. "Implanting Beef Cattle." University of Georgia Extension, 1 Sept. 2020, extension.uga.edu/publications/detail.html?number=B1302.



NUTRITION OPTIONS

MINERALS AND TUBS

Getting more minerals per bite into your cows starts with a program that accounts for regionality, weather, herd size/health and other factors. Find a mineral or tub option best suited for your production system or environment.

Call (877) 218-9411 for availability and pricing OR learn more at FBN.com/direct/feed/mineral

FEEDLOT SUPPLEMENTS AND MORE

Feed cattle everything they need, but nothing they don't. Dial in your feed program with the knowledgeable team from FBN.

Schedule a free feed consultation and learn more at

FBN.com/direct/beef-cattle

TRANSITION YOUR HERD SUCCESSFULLY

Weaning and transitioning cattle to a backgrounding lot or feedyard is a stressful time for beef calves. Ensuring cattle are started right is critical for optimal long-term cattle health and performance. Multiple factors challenge the immune system during this time; appropriate nutrient supplementation is critical for a successful transition. Feed supplements from FBN are flexible, giving the producer the option to choose the additives and medications best suited for their operation.

STRESS FACTORS TO CONSIDER

Cattle with an active/challenged immune system have a significant increase in nutrition requirements. On the flip side, cattle that are not transitioned correctly and have insufficient intakes will have a severe depression in their immune system.



RUN HEALTHY. PROTECT YOUR HERD & ROI.

VISIT FBN.COM/ANIMALHEALTH

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