

# FBN<sup>®</sup> GRASS TURNOUT GUIDE



If the grass on the other side of the fence literally is greener this time of year...it's time for spring turnout. What should producers be thinking about?

## Breeding and Reproduction

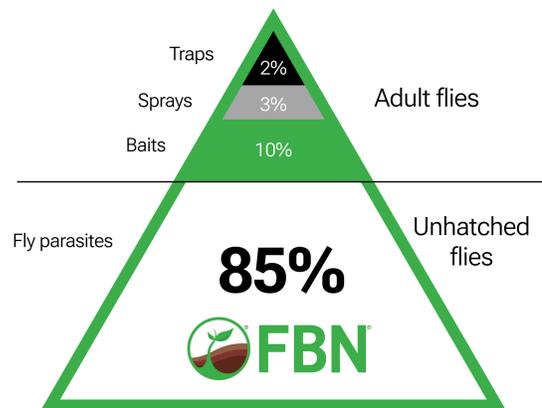
- It's important to **vaccinate** using a **5-way** at least 30-40 days pre-breeding because the vaccines can affect the ability to settle a pregnancy. If pregnant cows have not been vaccinated pre-breeding with a modified live vaccine, do not vaccinate with a modified live vaccine once pregnant. This could possibly cause an abortion.
- You should always contact your veterinarian to assist with protocols and help develop a plan based on your goals.
- Proper **nutrition and mineral** status for your cows and heifers will improve conception rates. A good tip is to breed your heifers 30 days before your cows. This will give them extra time to breed back next year, which they will need as they are still growing.
- **Don't forget the bull!** Breeding soundness exams are necessary at least 30 days before they turn out just in case he has to be tested again.

## Disease Prevention

- **Clostridial** diseases are one of the many diseases that occur during grass turnout. There are multiple types such as Tetanus, Blackleg, Redwater, and Over-eating. During a clostridial infection the Gram positive bacteria produces endotoxins that causes tissue damage. Using a 7-way (7 types of Clostridial strains) vaccine is the best way for prevention while being extremely effective to reduce disease severity and death from Clostridial diseases.
- **Pinkeye** is usually a combination of bacteria & pathogens but it can be viral pathogens too. Flies, excessive sunlight, and physical irritation such as wind, dust and grass can play a huge part in pinkeye infections as well. Even though we see it more in grass turnout, the infections can occur year round. Economic effects include poor performance, reduced gain and reduced weaning weights. Fly control, good mineral status, and pasture management are a few of the ways to prevent Pinkeye along with vaccines (commercial or autogenous).

## Fly Control

- There are multiple types of flies that affect cattle such as **Horn flies, Face flies, Stable flies, and House flies**. The main goal of fly control is to start management and prevention early in the season. **Every 1 fly you kill in April/May, is 80,000 less flies in August/September!**
- Sprays, dust bags and ear tags are effective against Horn flies. Face flies are difficult to control since they only spend time on the face but ear tags and dust bags do help. Stable flies target legs and are difficult to control as well. Grass management and sprays from the start are good practices. Fly parasites such as Kunafin, sprays, tape, and BAIT are effective against House flies.
- **Keep in mind that flies can migrate up to 2 miles and that flies you see are only 15% of the population; the other 85% hasn't hatched yet.**



- **Deworming.** Internal parasites cause reduced growth and performance. Parasites can also lead to blood loss and a weakened immune system/organ damage. External parasites cause reduced performance mostly due to rubbing and scratching.

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Disease Prevention		Breeding		Fly Control	
TREATMENT	DRUG NAME	TYPE	NAME	TYPE	NAME
7-Way Clostridium Vaccines	<a href="#">Bovilis® Vision® 7 with SPUR®</a>	Reproductive	<a href="#">Eazi-Breed™ CIDR®</a>	Fly Spray	<a href="#">Permethrin SFR</a>
	<a href="#">Alpha-7®</a>		<a href="#">Bovilis® Vista® 5 VL5 SQ</a>		<a href="#">Temprid® FX</a>
	<a href="#">Bar-Vac® 7</a>	Pre-Breed Shots	<a href="#">Bovi-Shield GOLD® FP® 5 VL5</a>	Fly Tag	<a href="#">Double Barrel® VP</a>
	<a href="#">Ultrabac® 7</a>		<a href="#">PregGuard® GOLD FP® 10</a>		<a href="#">Dominator®</a>
<a href="#">Caliber® 7</a>	<a href="#">Express® FP 5 VL5</a>		<a href="#">CyLence</a>		
3-Way Clostridium Vaccines	<a href="#">Inforce™ 3</a>		<a href="#">Vira Shield® 6 + VL5</a>	Fly Bait	<a href="#">QuikStrike®</a>
	<a href="#">I-Site XP®</a>		<a href="#">CattleMaster® GOLD FP 5 L5</a>		<a href="#">Agita® 10 WG</a>
Pinkeye	<a href="#">Bovilis® 20/20 Vision® 7 with SPUR®</a>		<a href="#">Pyramid® 10 HB</a>	Fly Trap	<a href="#">QuickBayt®</a>
	<a href="#">Cydectin® 1% Injectable</a>	<a href="#">Express® FP 10</a>	<a href="#">Starbar® Fly Terminator® Pro</a>		
Dewormer	<a href="#">Dectomax® Injectable</a>	<a href="#">Triangle® 10 HB</a>	<a href="#">Starbar® Fly Trap Attractant Refill</a>		
	<a href="#">Valbazen®</a>				
Autogenous Vaccines	<a href="#">Call to learn more!</a>	Feed		Implants	
Pasture Sprays		TYPE	NAME	TYPE	NAME
TYPE	NAME	Mineral	<a href="#">Shop Loose Minerals Online</a>	Implant	<a href="#">Ralgro®</a>
Crop Protection	<a href="#">Gunslinger AMP</a>	Lick Tubs	<a href="#">Shop Lick Tubs Online</a>		<a href="#">Synovex® C</a>
		Liquid Supplements	<a href="#">Shop Liquid Feed Online</a>		

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