

Scour Bos™ 9 Shows the Competition Who's the Boss too!

Vaccine Feature	Scour Bos™ 9	ScourGuard 3® (K)/C
Contains four isolates of <i>E. coli</i>	X	
12-month duration of immunity for <i>E. coli</i> fraction	X	
Contains three strains of rotavirus	X	
Coronavirus protection	X	X
<i>Clostridium perfringens</i> Type C protection	X	X
Demonstrated to reduce calf loss due to rotavirus	X	X
Demonstrated to reduce calf loss due to coronavirus	X	
NO booster if cow hasn't calved within 40 days	X	
Annual revaccination flexibility (weeks prior to calving)	Up to 10 wks	Up to 3 wks

The Clear Choice – Scour Bos 9

Scour Bos 9 is built with the boss's (YOUR) convenience in mind!

- 10- and 50-dose, ready-to-use vials
- First year
 - Administer a 2-mL dose 8 to 10 weeks prior to calving
 - Revaccinate with a 2-mL dose of Scour Bos™ 4 (rota and coronavirus) 2 to 4 weeks prior to calving
- Second year and beyond
 - One dose of Scour Bos 9 at 8 to 10 weeks prior to calving
- In accordance with Beef Quality Assurance guidelines, administer intramuscularly high on the neck

Now is the time to switch to the BOSS—Scour Bos 9. Ask your local veterinarian for Scour Bos. Accept nothing less!

Scour Bos™ is a trademark of Novartis Animal Vaccines, Inc.
ScourGuard 3® is a registered trademark of Pfizer, Inc.

© 2003, Novartis Animal Vaccines, Inc.
NAV-B079-0203
133438

For more information or a personal detail on Scour Bos™ 9, call 1-800-843-3386.



NOVARTIS ANIMAL VACCINES, INC.

Show Scours Who's the Boss with Scour Bos™ 9!

Vaccinate your cows with Scour Bos 9, and they'll "vaccinate" your calves with their antibody-bolstered colostrum.



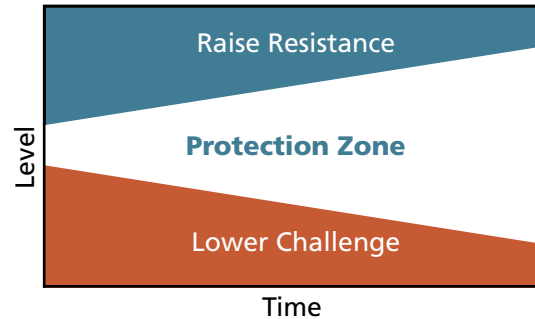


Raise Resistance, Lower Challenge

To avoid a scours outbreak, you need a healthy distance between the resistance your herd has and the scours challenge it encounters during the calving season. See Figure 1.

Figure 1

Scours Resistance vs. Challenge



You can lower the scours challenge in your herd by ...

- Providing cows and calves with an abundance of space during calving season
- Keeping calving areas as mud-free and manure-free as possible
- Separating scouring calves and their mothers from the rest of the herd until scours clear up

Two key steps to raise the resistance in your herd include ...

- Vaccinate all healthy, pregnant females with **the broadest-spectrum** preventive available
- Ensure each calf ingests four quarts of antibody-bolstered colostrum within six hours of birth

The Far-Reaching Effects of Scours

When your calves come down with scours, the hassle of treating sick calves in bad weather is just the beginning. Research shows that calves that suffer from scours never catch up.

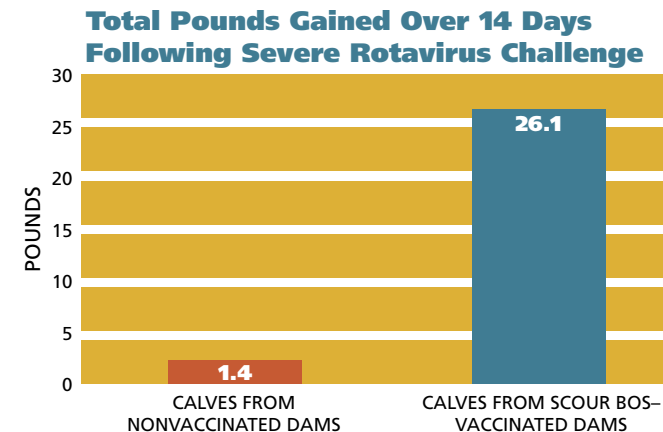
In one recent study, calves that became sick in the first four weeks of life weighed 35 pounds less at weaning than their healthy herd mates.¹ On a 90¢ market, this means **\$31.50 less** per sick calf come sale day at weaning.

Show Scours Who's the Boss with Scour Bos™ 9!

Scour Bos 9 gives you more ...

- Helps prevent scours due to *E. coli*, rotavirus, coronavirus and *Clostridium perfringens* Type C. **You get all the protection** you need from one product.
- When it comes to rotavirus, Scour Bos 9 has **three times** the breadth of coverage compared to the competition. **You get the best protection** available against this untreatable, calf killer.
- Each fraction has been tested and has been proven to provide immunity to calves exposed to a rigorous scours challenge. **You can rest assured** that your calves will be up to the scours challenge that comes their way.
- Scour Bos-protected calves can be free from setback. **You take more pounds to the market** on sale day. See Figure 2.²

Figure 2



² Data on file, Novartis Animal Vaccines, Inc. Study #00-001.

¹ Wittum, T.E. and L.J. Perino. Passive immune status at postpartum hour 24 and long term health performance of calves. *Am J Vet Res* 56(9):1149-1154, 1995.