

## TAKE THE TIME TO COMPARE

Vaccine Feature	Scour Bos® 9	ScourGuard® 4 KC	Guardian®
Number of antigens	9	5	7
Number of <i>E. coli</i> isolates	4	1	1
One dose <i>E. coli</i> protection	X		
Number of rotavirus isolates	3	2	2
Coronavirus protection	X	X	X
One dose <i>Clostridium perfringens</i> Type C protection	X		
Booster if cow hasn't calved within 40 days	No	? optional 3 <sup>rd</sup> dose	No
Initial vaccination flexibility (weeks prior to calving)	Initial dose up to 16 wks	Initial dose up to 9 wks	Initial dose up to 12 wks
Initial year's revaccination dose	Economical, use Scour Bos 4	Costlier, ScourGuard 4 KC	Costlier, Guardian
Annual revaccination flexibility (weeks prior to calving)	Up to 10 wks	Up to 6 wks	Up to 7 wks

### The clear choice – Scour Bos 9

- 10- and 50-dose, ready-to-use vials
- First year
  - Administer a 2-mL dose eight to 16 weeks prior to calving
  - Revaccinate with a 2-mL dose of Scour Bos 4 (rota and coronavirus) four weeks prior to calving
- Second year and beyond
  - One dose of Scour Bos 9 at eight to 10 weeks prior to calving
- In accordance with Beef Quality Assurance guidelines, administer intramuscularly high on the neck

**Ask your local veterinarian for Scour Bos 9 at preg-check – and save yourself some valuable time.**

Scour Bos is a registered trademark of Novartis AG.  
ScourGuard 4 is a registered trademark of Pfizer, Inc.  
Guardian is a registered trademark of Schering-Plough Animal Health Corporation.



**FOR MORE INFORMATION OR A  
PERSONAL DETAIL ON SCOUR BOS 9,  
CALL 1-800-843-3386.**

**SCOUR BOS®**

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**HER CALF WAS  
PROTECTED  
RIGHT FROM  
PREG-CHECK.**



# SCOUR BOS® 9 AT PREG-CHECK SAVES YOU TIME



## With Scour Bos 9, you can:

- Vaccinate for scours when you're already working cows
- Begin protecting heifers up to 16 weeks pre-calving
- Revaccinate sooner in year two – up to 10 weeks pre-calving



## Timing that helps build better colostrum

- Cows build antibodies in blood before laying them down in colostrum (see Figure 1)
- Antibodies move from blood to colostrum 4 to 6 weeks before calving<sup>1</sup>

**Fig. 1: Scour Bos® timing based on Feb. 1 calving date**

*Year 1 program example:*

OCT 12	NOV	DEC 21	JAN 4	FEB 1
<b>Scour Bos 9</b> (16-8 wks prior to calving)		<i>Colostrum antibody production starts</i> (6-4 wks prior to calving)	<b>Scour Bos 4</b> (4 wks prior to calving)	Calving

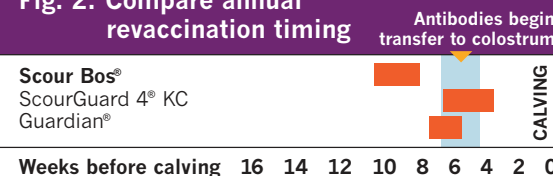
*Year 2 program example:*

OCT	NOV 23	DEC 21	JAN	FEB 1
	<b>Scour Bos 9</b> (10-8 wks prior to calving)	<i>Colostrum antibody production starts</i> (6-4 wks prior to calving)		Calving

## Scour Bos, timing that's easy on you and your cows

- Revaccinate sooner than you can with any competing product
- No need to handle cows too close to calving (see Figure 2)

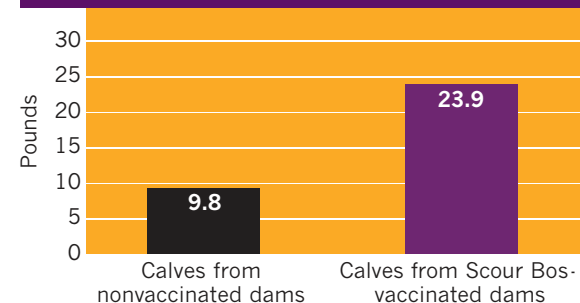
**Fig. 2: Compare annual revaccination timing**



## Use Scour Bos 9 and...

- Initiate scours protection at preg-check – when it's easier on you and your cows.
- Get the only 3-way rotavirus vaccine on the market. Confirmed by University of Nebraska-Lincoln to contain serotypes G10, G6 and G8.
- Cover a broad spectrum with nine antigens, including three rotavirus, coronavirus, four *E. coli* isolates and *Clostridium perfringens* Type C.
- Scour Bos 9 can help avoid setbacks in weight gain that occur in rotavirus-infected calves (see Figure 3<sup>2</sup>).

**Fig. 3: Average weight gain per animal over 14 days following severe rotavirus challenge**



## Use Scour Bos 9 and ensure each calf ingests four quarts of antibody-bolstered colostrum within six hours of birth.

1. Radostitis O, Gay C, Blood D, Hinchcliff K, Veterinary Medicine, 9th ed., W.B. Saunders Co., Ltd., 2000, p. 137.  
2. Data on file, Novartis Animal Health US, Inc.