



A calf's first 12 hours can affect your operation for years to come.

Economic Impact of Scours

Calves that scour are more susceptible to disease and under-perform calves that never get sick.

Studies have shown that scouring calves:

- Account for 56% of unweaned heifer deaths¹
- Are over twice as likely to contract pneumonia²
- Are nearly three times more likely to calve >30 months of age³
- Lead to reduced weaning weights in beef cattle⁴



Oral Scours Preventives Comparison Guide

Product	Mfg	Type	Source	Room Temp	Claims			
					E.coli	Corona	Rota	Clost.
First Defense®	ImmuCell	Bolus	Bovine Antibodies	yes			*	
Calf-Guard	Pfizer	Liquid	Modified Live Virus	no				
Bar-Guard-99	BI	Liquid	Horse Antibodies	no				
Bovine Ecolizer	Novartis	Liquid	Horse Antibodies	no				
Bovine Ecolizer+C	Novartis	Liquid	Horse Antibodies	no				
Colimune-Oral	Bioniche	Liquid	Horse Antibodies	no				

*in development

Stop scours, before it starts.

First Defense® is the only product proven to reduce mortality and morbidity from disease due to K99+ *E. coli* and coronavirus, two major causes of scours.

- Immediate protection
- Convenient dosing
- No refrigeration or mixing
- USDA & CFIA approved



Make First Defense® part of your scours prevention program.

Sources: 1. NAHMS Dairy 2007, 2. Waltner-Toews et al. (1986), 3. Waltner-Toews et al. (1986), 4. Anderson et al. (2003), Wittum and Perino (1995). Full references available upon request.