



*Bovilis IBR vaccine can be given intranasally **or** intramuscularly. Which is surprisingly useful.*

Bovilis® IBR



Intranasal vaccination in the face of an outbreak.
Intramuscular with older animals. Why would you want to use any other IBR vaccine?

intervet

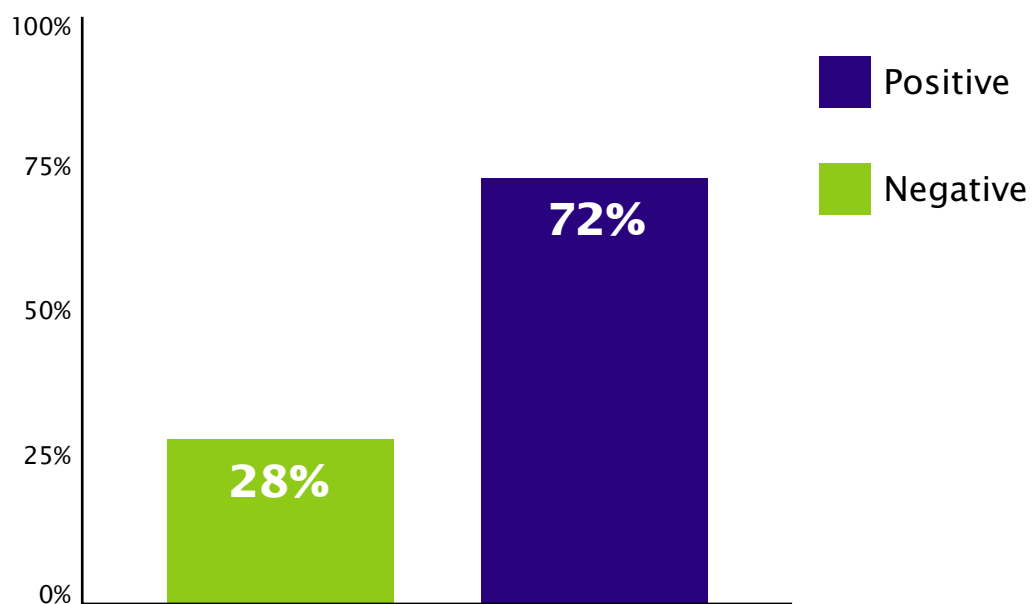
RESEARCH • PERFORMANCE • INTEGRITY

Infectious Bovine Rhinotracheitis (IBR): The Disease.

Within the UK, it has been estimated that around 50% of all herds are positive for antibodies to Bovine Herpesvirus 1, the virus which causes IBR.¹

Intervet's complimentary screening services, Dairycheck (bulk milk sample) and Beefcheck (blood sample) tested over 300 herds, which have shown that significantly higher numbers of herds have been exposed to IBR than previously estimated.

PERCENTAGE OF HERDS TESTING POSITIVE FOR IBR



Above is a graph illustrating the percentage of herds testing positive for IBR on bulk milk samples, from June to November 2006. Of those that tested positive, over half had levels which indicated active infection was circulating within the herd.

SIGNS OF DISEASE

These are some of the more common and easily recognized signs of infection:

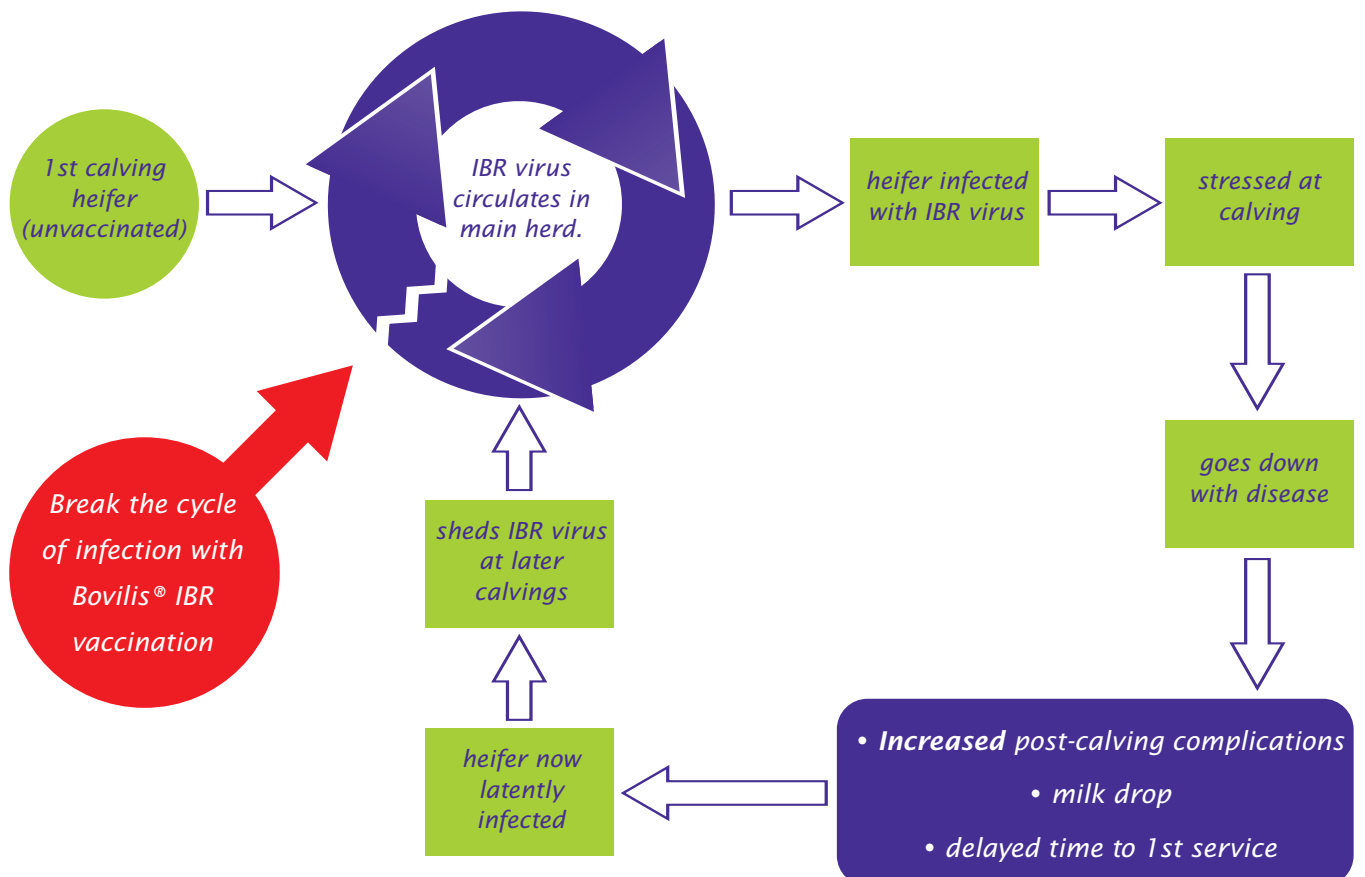
• Raised temperature, often +40°C (+104°F)	• Nasal Discharge
• Decreased appetite	• Coughing
• Milk drop	• 'Reddening' of eye membranes
• Inner lining to nostrils red and inflamed	• Discharge

SPREAD OF INFECTION

Important to understand when considering control measures:

- Virus is highly infectious and spreads easily between animals
- May lead rapidly to whole herd infection if virus is newly introduced
- Once infected, animals can carry the virus with no signs of disease
- These animals are referred to as latently infected with IBR virus
- Latently infected animals shed the virus during periods of stress
- Stress is brought on by: calving, housing, transport and other diseases
- Unvaccinated animals joining an infected herd are at a high risk of becoming infected with IBR

CYCLE OF IBR DISEASE



COSTS OF THE DISEASE.

Dairy herds

- Lost production due to milk drop: around 14 litres/cow/day for 5 days²
- Treatment: the disease itself and possible resulting conditions
- Replacements: due to average mortality rate of 2% during outbreaks²
- Costs due to increased calving intervals
- Costs due to abortions

Beef herds

- Treatment: the disease itself and bacterial pneumonia that may result
- Less finished animals: average mortality rate of 2% during outbreaks²
- Costs due to extra finishing time of 4 weeks for affected animals²

Disease Control

- Vaccination with Bovilis IBR (intranasally or intramuscularly)
- Whole herd or replacement heifer vaccination policy
- Strict biosecurity and quarantine procedures

***Contact your vet to find out more
about vaccination with Bovilis IBR***

¹ Proceedings of the BoHV-1 Eradication Symposium, May 2006.

² The Economics of infectious bovine rhinotracheitis: University of Reading, report to DEFRA 2003.

Bovilis IBR contains live IBR virus. For the active immunisation against infectious bovine rhinotracheitis virus.
Withdrawal period : Zero days. Legal Category **POM-V** * Bovilis is a registered trademark of Intervet International.
To order Bovilis IBR contact your account manager or Intervet Customer Support
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Item code: 089760