



Low Incidence of Respiratory Disease in Calves Preconditioned with Boehringer Ingelheim Vaccines

Key Point

- Data¹ from the MFA² Health Track Beef Alliance shows calves vaccinated with Boehringer Ingelheim vaccines had a very low incidence of respiratory disease during the 45 day post-weaning period.

Program Requirements

- Calves must be home raised and weaned a minimum of 45 days prior to sale
- Calves must be “double vaccinated”
 - Option 1: Vaccinate 3-4 weeks prior to weaning and booster at weaning
 - Option 2: Vaccinate at weaning and booster 2-3 weeks post-weaning
- Calves must be fed MFA Cattle Charge at least 14 days post-weaning and then continued on an approved MFA feeding program
- Calves must be individually identified with an ID tag
- Producers submit morbidity and mortality data on calves from weaning until sale

Vaccination Requirements

1st Round	2nd Round (booster)
<ul style="list-style-type: none"> • IBR, BVD, PI₃, BRSV • <i>Mannheimia (Pasteurella) haemolytica</i> • 7-way blackleg • <i>Histophilus (Haemophilus) somni</i> 	<ul style="list-style-type: none"> • IBR, BVD, PI₃, BRSV (must be a MLV) • 7-way blackleg • <i>Histophilus (Haemophilus) somni</i>

Elite™ and Pulmo-guard™ prior to weaning Express® at weaning

# Calves	7,079
# Producers	140
# Producers treating calves	7
# Calves treated for respiratory disease	9
Treatment rate (due to respiratory disease)	0.13%
Mortality rate (due to respiratory disease)	0.03%

**Express® and Pulmo-guard™ prior to weaning
Express® at weaning**

# Calves	5,460
# Producers	88
# Producers treating calves	6
# Calves treated for respiratory disease	8
Treatment rate (due to respiratory disease)	0.15%
Mortality rate (due to respiratory disease)	0.04%

Note: Express® is a modified live virus vaccine and is not labeled for use in pregnant cows or calves nursing pregnant cows.

**Express® and Pulmo-guard™ at weaning
Express® – 2-3 weeks post-weaning**

# Calves	11,158
# Producers	213
# Producers treating calves	17
# Calves treated for respiratory disease	34
Treatment rate (due to respiratory disease)	0.30%
Mortality rate (due to respiratory disease)	0

The Bottom Line

- When calves were vaccinated prior to weaning and boosted at weaning, there were fewer calves treated for respiratory disease.

¹Data reported by producers as of October 22, 2007.

²MFA Incorporated, Columbia, Missouri