

Vaccine Performance Survey

Key Points

MFA* Health Track Beef Alliance Data Show Boehringer Ingelheim Vetmedica, Inc. Vaccines Work Better

Survey Results as of June 24, 2003

- Calves receiving **EXPRESS™ & PULMO-GUARD™** vaccines at weaning and **EXPRESS** post-weaning had a respiratory treatment rate of **0.66%**. Calves receiving Titanium® 5+P.H.M. Bac®-1 at weaning plus Titanium® 5 post-weaning had a respiratory treatment rate of 15.22%.
- Calves receiving **EXPRESS & PULMO-GUARD** vaccines at pre-weaning and **EXPRESS** at weaning had a respiratory treatment rate of **0.22%**. Calves receiving Titanium 5+P.H.M. Bac-1 at pre-weaning and Titanium 5 at weaning had a respiratory treatment rate of 1.11%.

Vaccination at Weaning and 2-3 Weeks Post-weaning

	EXPRESS /PULMO-GUARD at weaning EXPRESS 2-3 weeks post-weaning	Titanium 5+P.H.M. Bac-1 at weaning Titanium 5 2-3 weeks post- weaning
Number of calves	1677	1012
Number of producers	31	13
Producers treating calves	6	5
Calves treated for respiratory problems	11	154
Respiratory treatment %	0.66%	15.22%
Respiratory death %	0	0.20%

Vaccination 3-4 Weeks Pre-weaning and Weaning

	EXPRESS /PULMO-GUARD pre-weaning EXPRESS at weaning	Titanium 5+P.H.M. Bac-1 pre-weaning Titanium 5 at weaning
Number of calves	922	90
Number of producers	15	2
Producers treating calves	2	1
Calves treated for respiratory problems	2	1
Respiratory treatment %	0.22%	1.11%
Respiratory death %	0	0

Note: EXPRESS and Titanium modified live viral vaccines are not approved for use in calves nursing pregnant cows.

Titanium and Bac are registered trademarks of Agrilabs.

The Bottom Line

- MFA Health Track Beef Alliance data on 3700 weaning calves receiving an EXPRESS / PULMO-GUARD program showed a low, 0.66% and 0.22%, respiratory disease treatment rate 45 days post-weaning.

MFA* Health Track Beef Alliance Program Requirements

- Wean calves at ranch of origin
- Vaccinate 3-4 weeks prior to weaning and again at weaning or vaccinate at weaning and again 2-3 weeks post-weaning
- Wean calves a minimum of 45 days prior to sale day
- Feed MFA Cattle Charge 14 days post-weaning
- Use an approved MFA feeding program through sale date
- Mark each calf with an identification tag
- Submit all morbidity and mortality data from weaning to sale

Vaccination Program

Initial Vaccination	Booster Vaccination
IBR, BVD, PI ₃ , BRSV	IBR, BVD, PI ₃ , BRSV (MLV)
<i>M haemolytica</i>	
7-way blackleg (clostridia)	7-way blackleg (clostridia)
<i>H somnus</i>	<i>H somnus</i>

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