

Deliver *Immediate Immunity*[™] to newborn calves



First Defense[®] contains maternal immunoglobulins and standardized levels of *E. coli* and coronavirus antibodies that bind and neutralize disease pathogens.

FIRST DEFENSE[®] BOLUS

- USDA approved
- Conveniently packaged in a single-dose bolus
- Available in 5 Dose or 30 Dose Box
- Highly concentrated – one bolus per calf



FIRST DEFENSE TECHNOLOGY[™] SINGLE-DOSE GEL TUBE

- Conveniently packaged in a single-dose tube
- Highly concentrated – one tube per calf
- Blue color is non-digestible and provides traceability to ensure effective administration



FIRST DEFENSE TECHNOLOGY[™] 90-DOSE BULK POWDER

- Convenient powder form to mix with colostrum
- Highly concentrated – one scoop per calf, simply mix with colostrum or colostrum replacer
- Conveniently packaged in a resealable bucket



RESULTS FROM PEOPLE LIKE YOU



“The savings are dramatic, we were using egg antibodies for about two years. We still had a scour percentage morbidity of about 13.7% and we had a mortality rate of 4.8%.

We swapped out the egg antibodies for First Defense® and within the first 90 days our scour rate dropped to 7% and our death loss on the first group of 90 day calves was 0.89%. The labor costs are lower. Everything runs smoother. It’s just invaluable.”

– Edward Harness, DVM, Daytona Dairy, Preston, ID



“We have been using First Defense® for the last 3-4 years and are really happy with the product. For us it’s important, it’s a big investment and a huge return. The product

is convenient and versatile. Knowing we have protection as soon as the calf hits the ground is satisfying and comforting. This product gives assurance.”

– Dan Kullot, DVM, Syracuse Dairy, Syracuse, KS



“We did a trial and found that First Defense® as well as a different colostrum pasteurizer dropped our scours rate by about 75%.”

– Katie Grinstead, Vir-Clar Farms, Fond du Lac, WI



“When first approached about using First Defense® I wasn’t quite sure about it but, it’s a simple easy way as far as prevention for scours. It’s something we can give day old, immediately and see the benefits right away.”

– Brad Scott, Scott Brothers Dairy, Moreno Valley, CA



“Getting cattle off to the right start with good colostrum and that boost from First Defense® at the beginning of life has really made a difference.”

– Joel Judge, Tri Star Cattle Company, Lenard, TX



“It is a part of our farm’s standard operating procedures. We tag them, feed them colostrum and administer First Defense®.”

– Bonnie Bargstedt, Wil Roc Farms, Kinderhook, NY



“We use First Defense® because we just can’t take any risks with our calves. We need to make sure we are doing everything we can to keep them healthy out of the gate.”

– Laura Daniels, Heartwood Farm, Cobb, WI

