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

FirstDefenseCalfHealth.com | 1-800-IMMUCELL | YouTube
“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 Knilot, DVM, Syracuse Dairy, Syracuse, KS

“We did a trial and found that First Defense® as well as a different colostrum pasteurizer dropped our scour 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 scour. 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