

# Transition cow vaccination protocol at **W Diamond & Double T Dairies** in Portales, New Mexico

## Fresh cow stats

Average daily calvings = 25

## Protocol cost

**\$9.15**  
cow/calving

## Treatment cost

**\$36**  
cow/plus labor

Close-up

**Product:** Endovac Bovi  
**Antigens:** Salmonella typhimurium Bacterin-toxoid Re-17 Derived Mutagenically  
**Procedural comments:** 2 cc Intramuscular (IM)  
• For mastitis protection.  
• Second dose for protection against gram-negative infection and severe mastitis.

**Product:** Ultrabac 7/ Somubac  
**Antigens:** Clostridium Chauvoei-Septicum-Novyi-Sordelli-Perfringens Types C & D Bacterin-Toxoid & Hiseophilus Somni

**Procedural comments:** 5 cc Subcutaneously (SQ)  
• A clostridial vaccine.  
• Clostridium is ubiquitous throughout the Southwest.  
• Vaccine provides added protection against it.

*\*Always consult with your veterinarian about use of products as doses may differ according to animal needs, challenges and location.*

## Milk production

**75** no bST use  
3X milking  
3.6% butterfat  
3.0% protein  
pounds/cow

3 weeks pre-calving

8 weeks pre-calving

6 weeks pre-calving

At freshening

21-27 DIM

**Product:** Endovac Bovi  
**Antigen:** Salmonella typhimurium Bacterin-toxoid Re-17 Derived Mutagenically  
**Procedural comments:** 2 cc Intramuscular (IM)  
• For mastitis protection.  
• Used in conjunction with a dry cow therapy tube.  
• Vaccination is for protection against gram-negative infection and severe mastitis.

**Product:** Triangle 9 +II BVD  
**Antigen:** Leptospira Canicola-Grippotyphosa-Hardjo-Icterohaemorrhagiae-Pomona Bacterin  
**Procedural comments:** 5 cc Intramuscular (IM)  
• Dairy's average calving interval is greater than 365 days (average 385 days).  
• A killed vaccine for protection against BVD is used instead of a modified-live to avoid any potential for late-gestation abortion.

**Product:** Scourguard 4KC  
**Antigens:** Bovine Rotavirus (serotypes G6 and G10) and Bovine Coronavirus Vaccine, Killed Virus-Clostridium Perfringens Type C-Escherichia Coli Bacterin-Toxoid  
**Procedural comments:** 2 cc Intramuscular (IM)  
• Dairy operation recently changed this based on average gestation period.  
• Vaccination is for colostrum quality and is boosted for heifers.

## CALVING

**Product:** Bio-Vet probiotic microbial paste, Vitamin B complex, oxytocin

**Product:** Dexamethasone  
**Active ingredient:** Dexamethasone sodium phosphate  
**Procedural comments:** 10 cc Intramuscular (IM)

**Product:** Excenel RTU  
**Active ingredient:** Ceftiofur hydrochloride  
**Procedural comments:** 2 cc per 100 lbs for 3 days Intramuscular (IM)  
• Offered as a treatment only for cows experiencing a difficult calving.  
• Administered by herdsman as deemed necessary.  
• Dairy operation consults with its herd veterinarian for prescribed, off-lable use.

**Product:** Endovac Bovi  
**Antigen:** Salmonella typhimurium Bacterin-toxoid Re-17 Derived Mutagenically  
**Procedural comments:** 2 cc Intramuscular (IM)  
• For mastitis protection.  
• Third dose for protection against gram-negative infection and severe mastitis.

**Product:** Bovi-Shield Gold FP 5 L5  
**Antigens:** IBR virus, BVDV types 1 or 2, PI type 3 virus, BRSV, and leptospirosis caused by L canicola, L grippotyphosa, L hardjo, L icterohaemorrhagiae and L pomona.  
**Procedural comments:** 2 cc Intramuscular (IM)  
• Modified-live vaccination for protection against BVDV and BRSV.

Dry-off

Pre-calving

Freshening

Fresh check

Use a 16x5/8 needle for all subcutaneous (SQ) shots and a 18x1.5 needle for all intramuscular (IM) shots.