



Come in May 16th, 9-11 a.m. for donuts and coffee at the Sioux Falls location.

BI rep will be here to answer any questions you may have.

Talk to your Sioux Nation Field Marketer to hear about our specials on Boehringer Ingelheim products!

Express Vaccine Expands Reproductive Protection

Boehringer Ingelheim Vetmedica, Inc. introduces a vaccine that steps beyond conventional reproductive protection. **Express FP 5-VL5** currently provides one of the most complete modified-live virus/bacterin vaccine combinations on the market and now it offers protection against *Leptospira hardjovovis*.

Leptospira hardjovovis is associated with early embryonic deaths, poor conception rates, weak calves as well as other reproductive losses in cattle. **Express FP 5-VL5** offers 5-way viral protection and protection against Lepto hardjovovis in just one syringe. Lepto hardjovovis is the only hardjo that is isolated in the United States; all cattle herds are at risk for infection from it. In a recent study, challenged heifers vaccinated with **Express FP5-VL5** were 100% protected against urinary shedding of Lepto hardjovovis, while urine culture tests for all heifers in the control group were

positive.

“As demonstrated by new label claims and the guarantee **Boehringer Ingelheim Vetmedica** puts behind this product, the introduction of **Express FP 5-VL5** offers the cattle industry an effective vaccine for reproductive and respiratory protection in the cowherd,” says Dr. Joe Campbell, **Boehringer Ingelheim Vetmedica, Inc.** professional services veterinarian.

This new product also includes antigens for bovine respiratory syncytial virus (BRSV) and parainfluenza-3 (PI3) as well as new label claims for prevention of urinary shedding of Lepto hardjovovis and aids in the prevention of key respiratory viruses. The expanded respiratory label adds to the reproductive protection in beef and dairy cattle that **Express FP 5-VL5** products have long been known for.

Express FP 5-VL5 line of vaccines for breeding animals offers

producers the original written guarantee that no calf persistently infected with BVD will be born from a properly vaccinated cow. It is reproductive and respiratory protection that producers can count on every time.

“**Express FP** was the first modified-live viral vaccine to offer a written guarantee that calves born to a dam properly vaccinated with **Express FP** would be free of BVD persistent infection,” Campbell says. “This vaccine was created with your herd’s reproductive health in mind, protecting your animals against major reproductive diseases. The efficacy of **Express FP** has always been our top priority, and we will continue to offer that guarantee on our product.”

Read and follow all product label directions. For more information on **Express FP**, contact your **Sioux Nation** veterinarian or Field Marketer or your **Boehringer Ingelheim** representative Brad Larson.





Calf Disease and Treatment Mick Harding, DVM

In the battle against scours fluids are KEY! It may even be necessary to drench the calf up to 4 times a day. Entrolyte HE, Diaque or another electrolyte with 2 tbsp of baking soda added to it is recommended. If there is no improvement the calf may need to be IV'd.

Crypto: Usually occurs at 3-18 days of age. It is characterized by scours that does not respond to antibiotic therapy. Recommended treatment is 2 grams of erythromycin once a day for 2-3 days. Affected

calves may need to be drenched with an electrolyte with baking soda added to correct the acid base balance.

E. Coli: Usually occurs between 1-4 days of age. It is characterized by watery diarrhea. Recommended treatment is Sulfadiazine/Trimethaprim 2 times a day for 3-5 days.

Clostridials: A clostridial infection can occur at any age. Usually no scours are present. Abdominal distention

is usually evident. Recommended treatment is 30 cc of C&D or BC&D Antitoxin given orally along with penicillin or ampicillin 5 cc /100 lbs oral (may mix the above if so choose)

Cocci : Usually occurs at 30 days of age. It is typically characterized by bloody diarrhea and straining. Recommended treatment is Decox for 28 days or 10 cc per cwt of Amprolium (Corid) given orally and Sustain III boluses.

Tidbits:

All scours are not the same. When battling scours make sure you know what kind of scours your calves have. By doing so you will be able to more effectively and efficiently treat the problem.

Swine Morsels Monte Fuhrman DVM

Mulberry Heart Disease (MHD) has, in the past, been a problem that was easily solvable. We knew that we could use Selenium at 0.3ppm (maximum allowed by pww) and supplementation with Vitamin E (alpha tocopherol form) in all gestation, lactation and nursery pig feed. We also injected piglets with Selenium and Vitamin E at first processing and supplemented Vitamin E in the water at weaning. Recently, however, cases have been reported that have not responded to this regimen. Mortality ranging from 1% to 23% has been reported. In addition to normal supplement-

tation of selenium and Vitamin E, there are a few more things we need to look at when dealing with Mulberry Heart Disease. Please see the list below. Selenium levels adequate

- * Insure selenium sources are part organic and part inorganic
- * Insure alpha tocopherol levels are adequate in sow and nursery pig feeds
- * Insure iron levels in water are not excessive
- * Insure Vitamin A levels in

gestation sow feeds are not excessive

- * Insure bacterial causes of similar syndromes are ruled out (H. parasuis, S. suis)
- * Rule out breed predisposition
- * Check for EMC virus and PCVII virus affecting the heart

If you suspect you are seeing this type of syndrome, please give your Sioux Nation veterinarian a call.

Early Booking Tarp Special!

Act now to take advantage of our early booking tarp special on Raven tarps. Raven tarps are top of the line tarps featuring a 3 ply 5 mil construction, they come in a variety of sizes and can be booked anytime between now and May 31st. All booked tarps must be picked up or delivered by May 31st. After May 31st prices will reflect the seasonal price increase.

Call now to ensure you get the size you need.