

**March  
2014**

**Tirau Veterinary  
Centre Ltd**

## **10 in 1, 7 in 1, 5 in 1, What in the?!**

The vaccination scene is constantly changing and pharmaceutical companies love giving them all similar sounding names just to confuse us. Here is a brief description of the predominant cattle vaccinations with requirements and recommendations.

**5 in 1:** The traditional clostridial vaccination to protect against the five main clostridial diseases eg black leg, tetanus, malignant oedema, black disease and perfringens. Requires two shots 4-6weeks apart as calves and should be boosted every year (often missed). This is an over the counter product so can be administered by you or by us. Better colstridial (sudden death) protection is gained by using a 10 in 1 vaccine instead.

**7 in 1:** A handy combination of the above and two strains of leptospirosis. Also requires two in the first year and an annual booster. This is a vet administered vaccination. This vaccine has been wrongly accused of causing heifers to be rejected for export – see below. Rest assured, it is definitely safe for potential export heifers.

**10 in 1 or covexin 10:** Is a clostridial vaccine covering not only the five in the 5 in 1 but an additional 5 pathogens. These additional five (inparticular *Clostridium sordelii*) are implicated more and more in the cause of sudden death in cattle therefore this vaccine is replacing the 5 in 1 on many farms. The same programme applies, two inoculations in the first year followed by annual boosters. This requires a prescription which we are more than happy to provide you with so you can administer it yourself.

**Lepto 3-way:** Not as kinky as it sounds, this vaccine offers straight lepto protection. One additional lepto strain compared to the 7 in 1. Vet administered vaccine. Again two in the first year and then annually. Every animal on every farm requires a complete leptospirosis vaccination course every year.

**Salvexin B:** The salmonella vaccine. Protection claims against the most common and dangerous four strains and cross protection against other salmonella strains. Two vaccinations in the first year and an annual booster. Over the counter vaccine.

**Bovilis:** The BVD vaccination, requires two vaccinations 4-6weeks apart prior to first mating or prior to heading to grazing. Booster recommendations vary between farms. Every bull should be vaccinated after testing even if your herd is not.

**Hibrabovis:** provides protection against IBR, PI3 and BVD. Not to be used in potential export heifers. This is the vaccine which will result in positive IBR blood tests and rejection from export to china. This vaccine is used on farms where there are IBR virus and catarrh issues.

**Pili-vax:** The pink eye vaccine. Administered 3 weeks prior to the risk period. Can be difficult to determine the appropriate timing and does not provide complete protection.

**Rotovec/Scourguard:** Vaccination of cows pre-calving resulting in high antibodies in the milk against Rotovirus, Corona virus and E.coli to provide very effective scour prevention against these pathogens

### **Mandatory Vaccinations:**

Leptospirosis ie either lepto 3way or 7 in 1 every year. This is due to public health issues to protect farm staff, abattoir workers and anyone else in contact with your cattle. Lepto also causes abortion and disease in cattle.

### **Recommended Vaccinations:**

Clostridial – at least one shot before calves are released to paddock, at dehorning is best. Follow with a booster and an annual. Covexin 10 provides the best protection.

BVD vax – all bulls at least and preferably all calves/yearlings before first mating.

Salvexin B – where fits.

Rotovec/Scourguard—where fits.

Hiprabovis—where fits.



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### Special points of interest:

- *Spore Counts are HIGH*
- *We welcome Tanya back into her vetting position after a few years away busy reproducing and farming.*
- *Dry Cow and Prescription consultations have started, book yours in now so you are ready to order your dry cow when you need it.*
- *Culling Cows? Pick up a liver biopsy form to gain invaluable information about your herd's trace element supplies.*
- *Calf Lepto vaccination reminder: Any unvaccinated animals are at high risk of picking up lifelong infections, please get these done as early as possible if not already completed.*

## Chinese Sex

While in China , an American man is very sexually promiscuous and does not use a condom the entire time he is there.

A week after arriving back home in the States, he wakes one morning to find his penis covered with bright green and purple spots. Horrified, he immediately goes to see a doctor. The doctor, never having seen anything like this before, orders some tests and tells the man to return in two days for the results.

The man returns a couple of days later and the doctor says, "I've got bad news for you, you've contracted Mongolian VD. It's very rare and almost unheard of here in the US , we know very little about it."

The man looks a little perplexed and says, "Well, give me a shot or something and fix me up, Doc." The doctor answers, "I'm sorry, there's no known cure. We're going to have to amputate your penis."

The man screams in horror, "Absolutely not! I want a second opinion!!!"

The doctor replies, "Well, it's your choice. Go ahead, if you want, but surgery is your only option."

The next day, the man seeks out a Chinese doctor, figuring that he'll know more about the disease. The Chinese doctor examines his penis and proclaims, "Ah, yes, Mongolian VD. Vewy ware disease."

The guy says to the doctor, "Yeah, yeah, I already know that, but what can we do? My American doctor wants to cut off my penis!"

The Chinese doctor shakes his head and laughs. "Stupid American docttah, always want opawate. Make more money dat way. No need amputate!" "Oh, thank God!" the man exclaims. "Yes," says the Chinese doctor. "Wait two week. Fall off by itself!"