

# SEL-VIT — ORAL SELENIUM AND VITAMIN E SUPPLEMENT —

Veterinary Health Product # NN.W1Z1

## What is Sel-Vit?

Research has shown that selenium and vitamin E deficient calves are at greater risk of disease and poor health outcomes. Sel-Vit provides oral selenium and vitamin E to maintain healthy immune function and support overall cow and calf health. When compared to injectables, Sel-Vit is safer, has shown equivalent absorption, and provides significantly more vitamin E.

Sel-Vit should be used once in the first week of life when calves are deficient in selenium and to increase vitamin E levels after birth to boost immune function. This product is not meant to be fed daily and should not be used twice within a 7-day period unless advised by a veterinarian. Sel-Vit is available for purchase in a 1kg jar.

## What Are the Benefits of Sel-Vit?

### SAFETY

- ✓ Safer alternative to synthetic injectables, with lower risk of anaphylaxis compared to injected sodium selenite
- ✓ No withdrawal period - most injectables have a 21 to 35 day meat withdrawal period
- ✓ Provides 100% organic selenium compared to synthetic sodium selenite used in injectables

### WELFARE

### EASE OF USE

- ✓ Provides 2500 IU of vitamin E compared to 136 IU in most injectables
- ✓ Water soluble formulation
- ✓ Welfare-conscious route of administration
- ✓ Easy to administer using a convenient 10g dose scoop

### DOSAGE

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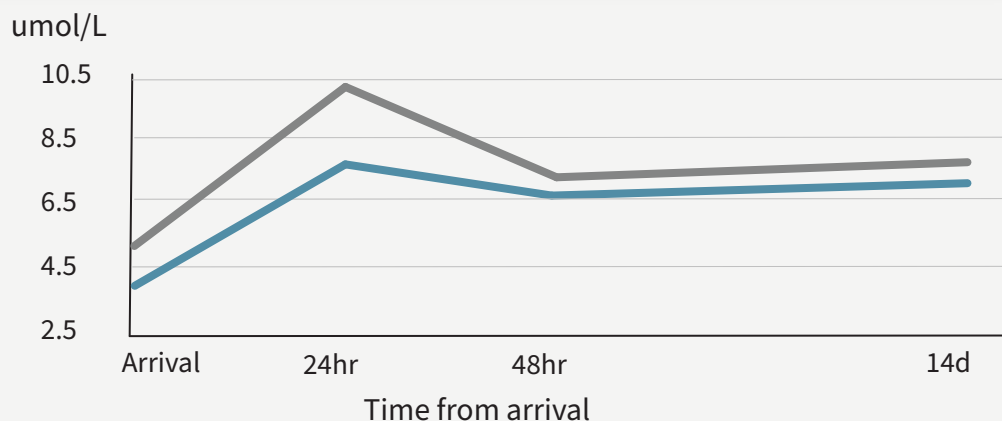
## Proven in Trials

An internal trial was done at the Mapleview Agri commercial research facility in 2022 to investigate the effects of Sel-Vit administration on male calves arriving at the facility:

Calves given Sel-Vit had increased levels of vitamin E until 14 days when compared to the injectable vitamin E product.

### Vitamin E absorption

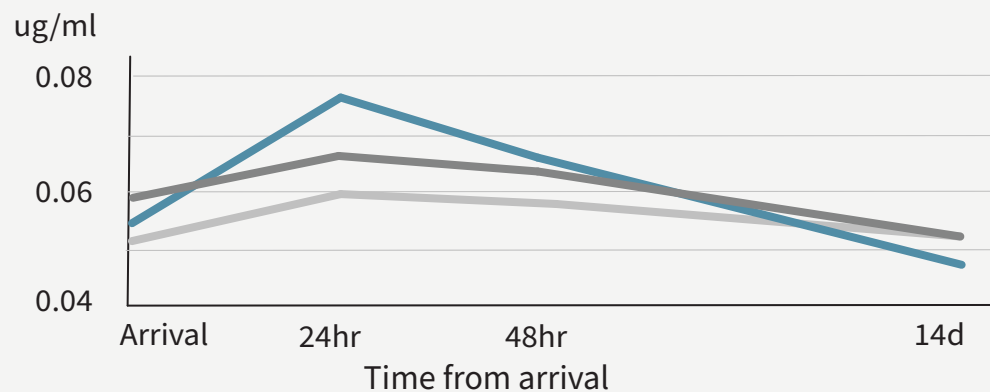
- Sel-Vit
- Injectable product



Calves treated with Sel-Vit had significantly higher levels of selenium at days 1 and 2 after arrival when compared to the control group. Absorption was similar for oral Sel-Vit and injectable selenium.

### Selenium absorption

- Sel-Vit
- Injectable product
- Control group



## What Does This Mean?

Sel-Vit is a safe and effective way to orally supplement selenium and vitamin E in newborn dairy calves and adult cows.

