



**An ACVM registered product<sup>1</sup> containing all the vitamins, trace minerals, mag and zinc needed to help you prevent facial eczema.**

Lactisol™ Nucleus Z is formulated to prevent facial eczema and meet the nutritional requirements of cows when grazing pasture and consuming meals/silage. It contains elevated levels of zinc, no copper and the magnesium, trace minerals, vitamins and antioxidants required to maintain production and health in dairy cows. Plus, it contains DSM unique Hy-D® which is the form of vitamin D required for optimum uptake and utilisation as well as DSM Rovimix® Biotin for energy, keratin production and hoof health.

### DOSE RATE

Feed Lactisol Nucleus Z at 25g/cow/day.  
Ensure Lactisol Z is mixed evenly through the feed.

### WARNINGS

**Danger: Keep out of reach of children**

### STORAGE INSTRUCTIONS

Store in a cool dry place free from dampness and rodent infestation.

### INGREDIENTS

Vitamin A, Vitamin E, Hy-D, Biotin, Cobalt, Iodine, Zinc, Selenium (4mg/25g), Magnesium, Molasses.

### WITHHOLDING PERIOD

**Meat:** Nil                      **Milk:** Nil

### PACK SIZE

25kg, 500kg

### NUTRITIONAL INFORMATION

Optimum adsorption of calcium and phosphorus is required for strong healthy cows – putting back what we take out. Calcium deficiency in early lactation is one of the major factors pre-disposing cows to conditions such as ketosis, dystocia, mastitis, milk fever, retained membranes, metritis and low fertility.

Lactisol Nucleus Z should be used during facial eczema risk periods. When used in combination with Tranzsol™ in transition, and Lactisol™ during the rest of lactation, it will help maintain herd health and production for dairy cows.

Lactisol Z contains the unique ‘next generation’ source of Vitamin D, Rovimix® Hy-D by DSM, which ensures optimum uptake and utilisation within the animal.

Lactisol Z contains Rovimix® Biotin, essential for the synthesis of keratin in hooves and energy uptake in the liver. It’s uniquely nonelectrostatic and soluble, to minimise loss.

Lactisol Z contains zinc which is present in many enzymes and proteins supporting metabolism, growth, production and reproduction. Zinc is required for protective keratins in the hoof and teat. Lactisol contains multi-stage release zinc compounds to optimise uptake and utilisation.

Lactisol Z contains magnesium, important in the adsorption of calcium from the gut and mobilisation of calcium from the skeleton. Lactisol uses rumen available magnesium for a safer, better response.

**Lactisol Nucleus Z** is formulated for the user who wants to use their own lime and salt and for adding to feed on farm. Sollus also produce **Lactisol Blender Z Proton, Nucleus and Complete** for those who want facial eczema prevention products added to their feed by their feed company.

### PRODUCT SELECTION GUIDE

	350-450 MS/cow	450-550 MS/cow	550+ MS/cow
Supply own Mag, Lime, Salt	Lactisol 400 Proton	Lactisol 500 Proton	Lactisol 600 Proton
Supply own Lime, Salt*	Lactisol 400 Nucleus	Lactisol 500 Nucleus	Lactisol 600 Nucleus
Mag, Lime & Salt Included*	Lactisol 400 Complete	Lactisol 500 Complete	Lactisol 600 Complete
Elevated Zn for facial eczema	Lactisol Z Nucleus & Lactisol Blender Z, Proton, Nucleus & Complete		

\* Mag requirements can vary from farm to farm and at different times of the year. Consult with your Sollus rep for more information.

<sup>1</sup>Lactisol Z Nucleus is registered pursuant to the ACVM Act, registration number A011529