



**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

## 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 predisposing 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