



**The full magnesium, vitamin and trace mineral requirements for a cow milking 450-550 MS, with biotin and Hy-D®, all in one bag**

Lactisol™ 500 Nucleus is formulated to meet the nutritional requirements of cows when grazing pasture and consuming meals/silage. It is formulated to be dust free so the shed working environment is safer and more pleasant. It contains the magnesium, trace minerals, vitamins and antioxidants required to maintain production and health in dairy cows milking 450-550 milk solids a season. 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 keratin production - a key component of healthy hooves.

### DOSE RATE

Feed Lactisol 500 Nucleus at 25g/cow/day. Ensure Lactisol 500 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 D3, Vitamin E, Hy-D, Biotin, Cobalt, Iodine, Copper, Zinc, Selenium (8mg/25g), Magnesium, Molasses, Monensin (300mg/25g) \*.

\*Rumenox 400, A011418, 40% monensin.

### 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 500 Nucleus contains magnesium, along with the correct balance of trace minerals, vitamins and antioxidants for mineral absorption. Used throughout lactation, in combination with Tranzsol™ used in transition, it will help maintain herd health and production for dairy cows milking between 450 and 550 MS / year.

Lactisol 500 contains the unique 'next generation' source of Vitamin D, Rovimix® Hy-D by DSM, which ensures optimum uptake and utilisation within the animal.

Lactisol 500 contains Rovimix® Biotin, essential for the synthesis of keratin in hooves and energy uptake in the liver. It's uniquely non-electrostatic and soluble, to minimise loss.

Lactisol 500 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 contains magnesium, important in the adsorption of calcium from the gut and mobilisation of calcium from the skeleton. It uses rumen available magnesium for a safer, better response.

**Lactisol 500 Nucleus** is formulated for the user who wants to use their own lime and salt. Sollus also produce **Lactisol 500 Complete** for those who want lime and salt included in the bag and **Lactisol 500 Proton** for those supplying their own mag, lime and salt.

### 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 (available to blenders only)	Lactisol Blender Z, Proton and Nucleus forms available.		

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