



**The full magnesium, vitamin and trace mineral requirements for high producing cows, with biotin and Hy-D®, all in one bag**

Lactisol™ 600 Nucleus is formulated to meet the elevated nutritional requirements of high producing cows and cows in barn systems. It contains magnesium, all the trace minerals, and the elevated levels of vitamins and antioxidants required to maintain production and health in dairy cows milking over 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 600 Nucleus at 25g/cow/day.  
Ensure Lactisol 600 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, Monensin (300mg/25g)\*, Molasses.

\*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 predisposing cows to conditions such as ketosis, dystocia, mastitis, milk fever, retained membranes, metritis and low fertility.

Barn and high producing cows face a raft of additional challenges. For example, being indoors for substantial periods of time reduces exposure to UV light and the animal's capacity to produce its own active vitamin D. As a result, animal health, fertility and production are further compromised.

Used throughout lactation, in combination with Tranzsol™ used in transition, Lactisol 600 Nucleus will help maintain herd health and production for dairy cows milking above 550 MS / year.

Lactisol 600 contains the unique 'next generation' source of Vitamin D, Rovimix® Hy-D by DSM, which ensures optimum uptake and utilisation within the animal. It also 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. It also contains magnesium, which is 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 600 contains elevated levels of Vitamin A and E, to replace what the silage making process takes out. Grass fed cows receive very high dietary levels of A and E, part of the reason they are so healthy. A and E are requirements for animal health and are key components for cows to maintain immunity against diseases such as mastitis and footrot in barn systems.

**Lactisol 600 Nucleus** is formulated for the user who can use their own lime and salt. Sollus also produce **Lactisol 600 Complete** for those who want lime and salt included in the bag and **Lactisol 600 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.