



## NUCLEUS

### Transition made easy

Tranzsol™ Nucleus is formulated to be the easiest and best transition supplement for New Zealand dairy cows. It incorporates antioxidants, magnesium, calcium and, most importantly, Rovimix Hy-D®. This combination allows cows to safely transition, even when consuming pasture. Tranzsol is formulated for diets containing approx. 50% pasture and 50% silage concentrate mix, however it can still be fed with all pasture diets.

### Dose rate

Feed Tranzsol Nucleus at 100g/cow/day for 14 days\* pre calving + colostrum herd (plus 100g/cow/day of MgCl and 280g/cow/day of lime flour or ag lime).

\*Start when cows begin to show signs of springing (typically 14 days before calving) and continue into the colostrum herd.

Ensure Tranzsol Nucleus is mixed evenly through 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, Vitamin D3, Iodine, Zinc, Rovimix® Biotin, Rovimix Hy-D, Lasalocid, Calcium, Cobalt, Copper, Selenium, Magnesium, MOS, Sulphate

### Nutritional Information

The first nutritional intervention in dairy cows should be a transition program. The transition process involves the cow changing from an animal that produces little or no milk (containing fat, carbohydrate, protein, vitamins & minerals) to one that expels huge levels of these products. To do this we must allow the cow to consume a healthy diet so she can transition easily herself.

Pasture is not always healthy for transitioning cows; mainly because it is too high in cations (potassium, ammonium, sodium) that can cause calcium deficiency and oedema.

To allow for an effective transition we must do three things:

1. Adjust the rumen to the milking diet. This reduces the risk of ketosis, acidosis and displaced abomasum.
2. Provide adequate antioxidants to develop immunity. This reduces the risk of mastitis and retained placentas.
3. Allow the cow to have enough available calcium to reduce the risk of milk fever. This becomes even more important because a cow with milk fever is more susceptible to 1. And 2. Above.

**Tranzsol Nucleus** is formulated for those who have access to their own lime and mag chloride. It contains all the vitamins, trace minerals and Rovimix Hy-D.

Sollus also make **Tranzsol Complete** for those people who want **Tranzsol Nucleus** plus the lime, magnesium and salt, all in one bag.

### Withholding Period

Meat: Nil, Milk: Nil

### Pack Size

20kg