

# Dairy Protein 18%

## Mid-protein, high energy compound feed for lactating dairy cows

A compounded pellet feed specifically formulated to be cost-effective whilst delivering higher levels of energy and protein. Ideal when pasture and forage protein levels are limiting production or higher levels of production are required.

NRM Dairy Protein 18% contains:

- Elevated protein levels by the inclusion of oilseed products (e.g. soya bean meal) and legumes such as beans and peas.
- Starch from grains and grain by-products in addition to sugar from molasses, which are readily fermentable and can help stimulate milk protein production.
- A maximum 25% palm kernel expeller meal, providing protein and energy from saturated fat, which can help maintain body condition.
- Added calcium, magnesium and sodium to help meet the needs of lactating animals in addition to vitamins A, D and E plus essential trace minerals, which in many cases eliminates the need for additional trace mineral supplementation when fed at 2-4kg/cow/day.

### Feeding recommendation

Typical feeding rates are 1-4kg/head/day. If wishing to feed up to 9kg/day for an extended period, a tailored version could be manufactured with lower levels of trace minerals.

If cows are not currently fed grain or pellets, introduce Dairy Protein 18% at 0.5-1kg per milking (1-2kg/day) and gradually increase by 0.15kg/day until the desired intake has been achieved. Always provide access to long forage and clean drinking water. The mineral requirements of herds varies greatly, regular testing of blood and liver samples may be helpful to ensure target health, immunity and fertility levels are achieved.

To discuss the optimum feeding levels and diet for your herd, please call your local NRM Nutrition Specialist on 0800 800 380.

### Ingredients selected from

Grain and grain by-products, oilseed meals, beans, peas, grass fibre, vegetable oils and fats, molasses, flavour, limestone, magnesium oxide, salt, vitamins and trace elements. Dairy Protein 18% contains a maximum of 25% PKE.

### Typical analysis (approximate on a DM basis)

Energy	12.5MJ ME/kg
Crude Protein	18%
Starch & Sugar	30% (min)
NDF	25% (max)

The Metabolisable Energy (ME) values are calculated from an equation and are not an actual measured value but should provide a reasonable guide to the energy content of the feeds. Information is accurate at the time of going to print but specifications may vary over time.

### Additives available

NRM Dairy Protein 18% is made to order and can be tailored at additional cost to meet individual farm requirements by the addition of:

- Additional Standard or Premium Pre-mix to accommodate low feeding rates
- Bovatec® 20CC as an aid in increased production of milk solids\*
- Bioplex High Five
- Dicalcium phosphate
- Limestone flour
- Magnesium oxide
- Mycotoxin binder
- Registered zinc as an aid in the prevention of facial eczema
- Rumen bypass fat
- Zinc methionine for improved foot health and reduction in somatic cell counts

The addition of additives may marginally lower the actual specifications of the pellets as supplied.

Subject to regional and seasonal availability.

\*Bovatec 20CC is registered pursuant to the ACVM Act 1997, Registration Number A9679. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.