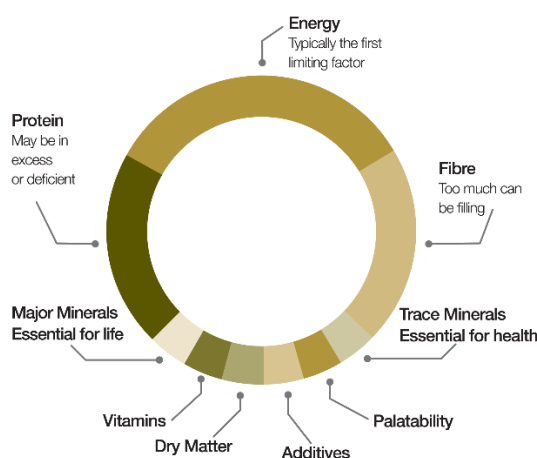


# Compound Dairy Range

## Providing the freedom to select the best feed for your herd

The supplementary needs of a herd for maximum financial return and peace of mind depends on many factors including their stage of lactation, level of production and quality and quantity of the forage component. A key determinant for profitable supplementation is identifying the limiting factor at any particular time.



Energy, protein and fibre are invariably the primary determinants of production for dairy cows. Accordingly, the NRM Dairy Range has been developed to provide progressive dairy farmers a choice of energy and protein overlaid with a drop in fibre levels as energy levels rise.

A higher inclusion of by-products which deliver economies could be a good choice when filling a feed deficit within a budget or wishing to feed at higher levels whereas higher starch levels could be more appropriate for cows which are more fully fed when striving for production and milk quality at key times. Cows fed high quality pasture diets may already be over-supplied with protein and may be best supplemented with low protein compound feed which helps to lower the total protein content in the diet. Where pasture protein levels are falling, or where lower protein conserved forages such as maize silage are being fed, a higher protein compound feed may be beneficial.

Supplying something which is already in excess, even if is cheap, could turn out to be unprofitable, whilst something which is limiting, even if it is expensive, can be rewarding – we have a team of dedicated Nutrition Specialists to help select the most appropriate option if the best solution is not immediately apparent.

Compound feed provides a convenient, efficient route to deliver minerals in a controlled way. The NRM Compound Dairy Feed Range has been enriched with major minerals, trace elements and sometimes vitamins as indicated in the tables.

### Trace elements and vitamins added per kg feed:

Ingredient	Value	Standard	Premium
Vit A (IU/kg)		10,000	10,000
Vit D (IU/kg)		2,000	2,000
Vit E (IU/kg)		25	25
Chromium (mg/kg)			3.3
Cobalt (mg/kg)	2.1	3.3	3.3
Copper (mg/kg)	49.5	75	100 (25 as organic)
Iodine (mg/kg)	3.3	5	5
Manganese (mg/kg)	33	50	50
Selenium (mg/kg)	1.6	2.5	3.0 (0.5 as organic)
Zinc (mg/kg)	165	250	350

The Value, Standard and Premium ranges are made to order and can be supplied with additives which further extend the ability to meet the particular need of a herd at a particular time. Some products (Milk Max, Dairy Protein 18% and Dairy Saver) are available with reduced premix and magnesium inclusion for higher feeding rate or low dry matter intake situations.

- Bovatec® 20CC as an aid in increased production of milk solids\*.
- Extra Standard or Premium premix.
- Bioplex High Five, Organic selenium, Dicalcium phosphate, Limestone flour, Magnesium Oxide, Mycotoxin binder, Rumen by-pass fat.
- Registered zinc as an aid in the prevention of facial eczema.
- Yeast derived rumen enhancer.
- Zinc methionine for improved foot health and reduction in somatic cell counts.

\*Bovatec® 20CC is registered pursuant to the ACVM Act 1997, Registration Number A009679. See [www.foodsafety.govt.nz](http://www.foodsafety.govt.nz) for registration conditions.

### Feeding advice

If milking cows are not currently receiving grain or pellets, transition them onto NRM Dairy Range with 0.5-1kg/milking and gradually increase until the desired intake has been reached.

### Key benefits

Feeding the appropriate NRM Dairy Compound Feed can help:

- Improve milk production and quality.
- Improve cow condition and fertility.
- Increase carrying capacity and sustain herds through a feed pinch.
- Animal health and welfare along with farmers peace of mind and personal satisfaction.

### NOTICE – CONTAINS ADDED MAGNESIUM OXIDE

The feeding of this product to dairy cows may increase their risk of clinical salmonellosis. It is recommended that veterinary advice is obtained to ascertain potential risks associated with the use of this product in your environment before product is used.

# Compound Dairy Range

## ENERGY

### CORE RANGE

	Minimum 11.5 MJ ME/kg DM	Minimum 12.0 MJ ME/kg DM	Minimum 13 MJ ME/kg DM
	Value	Standard	Premium
<b>Low</b>	Dairy Zero PKE Saver, 11.5 MJ, 13-14% CP, 25% Starch & Sugar, <40% NDF, Zero PKE	Dairy Zero PKE Extra, 12.5 MJ, 11% CP, 45% Starch & Sugar, <25% NDF, Zero PKE	Dairy Ace 13 MJ, 10% CP, 55% Starch & Sugar, <15% NDF, Zero PKE
	Dairy Saver 11.5 MJ, 13-14% CP, 25% Starch & Sugar, <40% NDF, <40% PKE	Dairy Extra 12.5 MJ, 11% CP, 45% Starch & Sugar, <25% NDF, <15% PKE	
		Dairy Zero PKE Standard 12 MJ, 13% CP, 35% Starch & Sugar, <30% NDF, <30% PKE	
		Dairy Standard 12 MJ, 13% CP, 35% Starch & Sugar, <30% NDF, <30% PKE	
<b>Mid</b>		Dairy Protein 18% 12.5 MJ, 18% CP, 30% Starch & Sugar, <25% NDF, 25% PKE	Dairy Milk Max 13 MJ, 15% CP, 50% Starch & Sugar, <15% NDF, Zero PKE
<b>High</b>	Dairy Protein Saver 11.5 MJ, 20% CP, 25% Starch & Sugar, <35% NDF, <30% PKE, some urea	Dairy Protein Plus 12.5 MJ, 25% CP, 30% Starch & Sugar, <20% NDF, <15% PKE	
<b>Typical kg/h/day</b>	1-4	1-4	1-3
<b>Added minerals</b>			
Calcium (g/kg)	8.5	8.5	8.5
Magnesium (g/kg)	2.5	5	6.25
Sodium (g/kg)	2.8	3.8	3.8
Trace minerals	Details provided on the previous page		

### DRY COW RANGE

	Minimum 12.5MJ ME/kg DM
<b>High</b>	Anionic Pre-Calver Nuts** 12.5 ME, 21% CP, <10% PKE
<b>Recommended kg/h/day</b>	2
<b>Added minerals</b>	
Calcium (g/kg)	Low in anionic salts
Magnesium (g/kg)	10
Sodium (g/kg)	None
Premix	Special with Anions
Bovatec 20CC	0.75kg/t

**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. Current individual specification sheets are available on request for each product which include the ingredients which are typically selected from grain and grain by-products, dried distillers grains, oilseed meals, yeast, grass fibre, peas, beans, vegetable oils and fats, molasses, flavour, limestone, magnesium oxide, salt, vitamins and trace elements.

\*\* Normally available as a nut but may be supplied as a pellet subject to minimum volume.

THE QUALITY OF NRM PRODUCTS IS GUARANTEED  
If you have any queries, please contact us.

0800 800 380  
www.nrm.co.nz