

RELIANCE POWER WHEY™

Premium non-curdling calf milk replacer specifically formulated for New Zealand conditions.

FORMULATED FOR CALVES FROM DAY 5. PREMIUM, CALF MILK REPLACER (CMR) WHICH BENEFITS FROM A LARGE AND CONSISTENT WHEY PROTEIN SUPPLY STREAM AND HUMAN FOOD PROCESSING EXPERTISE.

Contains highly digestible hydrolysed wheat protein* and micro encapsulated fat. Fortified with vitamins and minerals for optimal growth in addition to prebiotic, probiotic, organic acids and emulsifier which contribute to an optimal intestinal microflora.

Suitable for calves and goat kids. Not all calves have the ability to curd even high curdling CMR, a whey-based milk powder does not need to curd and is well digested even without curdling.

*Hydrolysis of wheat protein reduces the protein to amino acids to improve digestibility by young animals.

KEY BENEFITS AND FEATURES

- Manufactured from a consistent and inevitable whey supply from the cheese industry to exacting human food standards so eliminates one source of variability for calves already facing many changes and challenges.
- Mixes easily and can be fed alone or added to milk to extend stocks or fortify for increased growth.
- Contains micronised fat particles encapsulated by protein which is soluble in water and the intestine so easy to mix and less fat accumulates on equipment.
- Contains hydrolysed wheat protein* which is better digested by young calves than soy proteins so a safer option.
- Comprehensive health package includes the world's leading prebiotic in human infant formula, probiotics and organic acids to assist in reducing gut pathogens and promote beneficial gut microbes.
- Reliance Power Whey does not contain any anti-coccidial so is safer around pets and non-ruminants.

FEEDING RECOMMENDATIONS

Calves

Always ensure adequate intake of good quality (high IgG) colostrum within the first 12 hours post birth (approximately 10% of its body weight) and continue feeding colostrum for first 4 days to boost the calves' natural immune system.

As a guide, a calf should receive at least 10% of its bodyweight daily e.g. a 40kg calf requires 4 litres (4 x 125g/L) of Power Whey™ per day minimum. Feed a minimum of 500g Power Whey™ per calf per day (unless at weaning stage).

When higher rates of gain are preferred (accelerated growth programmes) or when calves are stressed (e.g. disease recovery, environmental), a higher rate of Power Whey is recommended (150g/L in a twice-a-day or 280g/L in once-a-day system).

Jersey calves are best fed on a twice-a-day regime of 150g/L until weaning, especially when not housed.

For best results feed a good quality feed such as Reliance Calf Grower 20% from day five along with limited access to conserved forage if necessary and clean drinking water. Gradually transition to a pasture based diet.

Goat kids

Reliance Power Whey is a recommended milk replacer for feeding young goat kids from day 5, mixed at 160-200g/L.

Please refer to separate Reliance Power Whey for Goats Spec Sheet for further details.



TWICE-A-DAY FEEDING SYSTEM

AGE	LITRES / DAY	POWDER g/L (Grams per day)
0-4 days	Colostrum ad-lib	
5-14 days	2.0L x 2	125-150 (500-600)
15-21 days	2.5L x 2	125-150 (625-750)
22-wean	2.5L x 2	125-150 (625-750)
	3.0L x 2	125-150 (750-900)*

*Accelerated growth programme.

Twice-a-day feeding more closely matches the calves' natural consumption and allows more opportunity to identify calves offfeed. A quality feed will out-perform an inferior feed in any system.

ONCE-A-DAY FEEDING SYSTEM

AGE	LITRES / DAY	POWDER g/L (Grams per day)
0-4 days	Colostrum ad-lib	
5-14 days	2.0L x 2	125-150 (500-600)
15-21 days	2.5L x 1	240-280 (600-700)
22-wean	3.0L x 1	208-250 (625-750)

Once-a-day feeding reduces labour but may require higher investment in housing and management.

WEANING

Wean off milk gradually, by reducing the volume fed rather than the mixing rate (dilute CMR is more likely to get mistaken for water and pass into the rumen) when 25kg above birthweight (typically 65kg minimum for Friesian calves) and when consuming 1 to 1.5kg/head/day of good quality calf feed such as Reliance Calf Finisher 16% pellets (depending on breed). Help calves to transition to an all-pasture diet by continuing to provide Reliance calf feed for one month after weaning from milk.

WHEY FACTS

- High quality whey based CMR is based on consistent blends of proven high-quality ingredients.
- Whey based CMR trials show that calf performance is equal to that of other traditional casein based CMR products.
- Whey proteins are tiny molecules, pass quickly through the small intestine and are easily and quickly digested.
- Not all whey-based products are the same - some are only suitable for calves over 3 weeks of age.
- The high-quality protein and health package in Reliance Power Whey reduces the incidence of scours compared to whole milk and traditional casein based CMR.
- Whey based CMR is associated with less risk of abomasal bloat compared to casein based CMR.

You can rely on Reliance

RELIANCE
FEEDS

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MIXING

Mix Power Whey™ with water (in ratios per the applicable feeding programme above) to make up to 1L. Add the required amount of powder to half the volume of hot water (45°C – 55°C) and mix vigorously for 1 minute. Then top up with water to the required volume so that the milk replacer is fed at 38°C – 42°C. When fortifying cow's milk do not add more than 250g of Power Whey™ to 4 litres of milk as this can interfere with curdling in the abomasum.

INGREDIENTS SELECTED FROM

Premium whey proteins, quality vegetable oils (minimum 40% coconut oil), hydrolysed wheat protein*, premix containing vitamins, mineral, probiotic, prebiotic and organic acids, nutritional emulsifier, flavouring and free flow agents. Reliance Power Whey does not contain any anti-coccidial.

COCONUT OIL

- Fat provides calves with energy but fats differ in their effectiveness.
- Expertise and equipment used to make infant formula and pharmaceutical products ensure the vegetable oils used in Power Whey are highly digestible.
- A minimum 40% of the oil is coconut oil which delivers a high level of medium-chain fatty acids found to be optimal for calf health and growth.

TYPICAL ANALYSIS

APPROXIMATE ON AS FED BASIS

Moisture	3%
Crude Protein	23%
Fat	20%
Lactose	38%
Crude Fibre	0.0%
Added Selenium	0.4 mg/kg
Added Copper	9mg/kg
Probiotic	1 billion CFU/kg
Vitamin A	16000IU/kg
Vitamin D3	4500 IU/kg
Vitamin E	80mg/kg
Vitamin C	120 mg/kg

CAUTION

Do not feed to any animal other than those stipulated on the label.

Do not use at the same time as any other selenised fertiliser, prill or product (apart from quality calf feed) without consulting a veterinarian.

Always give calves and goat kids access to clean drinking water.



STORAGE

Product should be stored in a cool, dry and vermin free environment.

MANUFACTURING DETAILS

Manufactured for and distributed by:
Farmlands Nutrition, Private Bag 1968,
Dunedin 9054, New Zealand.
If you have any queries, please contact us.
Phone 0800 800 380

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