



NGAHIWI

EST. 1989

YOUNG ANIMAL NUTRITION

PRODUCT GUIDE



ngahiwifarms.co.nz

PROVEN NUTRITION FOR THE START OF LIFE

Ngahiwi Farms is a New Zealand animal nutrition specialist focused on giving young animals the best possible start.

For over 30 years, farmers have trusted Ngahiwi products to support healthy growth, strong performance and practical rearing outcomes across calves, lambs and kids.

Our range includes milk replacers, electrolytes, stock food powders and bespoke blends tailored to specific customer requirements.

Backed by more than 40 years of research, development and on-farm experience, Ngahiwi continues to invest in nutrition, formulation and product performance as farming systems evolve.

As a farming family, we understand the pressure of rearing season. Our focus is simple: high-quality, proven products that help farmers rear stronger, healthier young animals.

NGAHIWI PREMIUM CALF MILK REPLACER

Ngahiwi Premium CMR is formulated to optimise and accelerate calf growth. Ngahiwi Premium combines a well-balanced milk-protein & fat-level milk powder with probiotics, prebiotics, essential oils, a vitamin & mineral premix and a coccidiostat to give calves the best start possible*.

'ONCE-A-DAY' FEEDING GROWTH METHOD

CALF AGE	VOLUME PER FEED (200GM/LITRE WATER*)	CMR PER FEED	CMR PER DAY
0 - 4 days	Colostrum fed only		
5 - 9 days	1.0L twice a day	200g	400g
10 - 20 days	2.5L once a day	500g	500g
22 days +	3.0L once a day	600g	600g

'Once-a-Day' Feeding Tips

- Add CMR to 40° Celsius warm water and cool until 36° before feeding
- Feed in morning and use compartment feeders for two weeks
- Mix rate/concentration 200g/litre throughout rearing
- Calf can be weaned off milk at 65kg, when meal concentration is increased

'TWICE-A-DAY' FEEDING GROWTH METHOD

CALF AGE	VOLUME PER FEED (150GM/LITRE WATER*)	CMR PER FEED	CMR PER DAY
0 - 4 days	Colostrum fed only		
5 - 9 days	2.0L twice a day	250g	500g
10 - 20 days	2.5L twice a day	312.5g	625g
22 days +	3.0L twice a day	375g	750g

'Twice-a-Day' Feeding Tips

- Add CMR to 40° Celsius warm water and cool until 36° before feeding
- Feed in morning and evening - leave 8 hours between feeding
- Mix rate/concentration 125g/litre throughout rearing

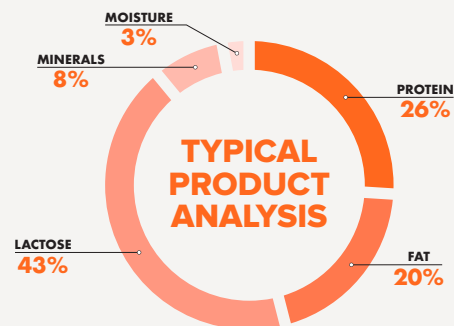
*NGAHIWI ADDITIVES - THE COMPLETE CMR

Ngahiwi Premium CMR includes a comprehensive Premix with essential vitamins and minerals. Optimum health and growth are also promoted by the added inclusion of probiotics, prebiotics, essential oils and an anticoccidial.

THE THREE Q'S OF COLOSTRUM

Colostrum intake directly affects a calf's health outcome and growth. Colostrum-deprived calves have little or no immunity to the many pathogens in their environment.

1	2	3
QUALITY	QUANTITY	QUICKLY
Feed calves with quality colostrum from mature cows	Minimum 3 litres over two feeds in first 6 hours	As soon as possible, at latest 6 hours from birth



Scan the QR code to discover more about our Premium Calf Milk Replacer, or visit ngahiwifarms.co.nz



NGAHIWI SUPPLEMENTARY CALF MILK REPLACER

Ngahiwi Supplementary CMR is formulated for Dairy Farmers to either fortify whole milk or as a stand-alone powder for colostrum-proven calves from week 3 onwards. Ngahiwi Supplementary CMR combines well-balanced milk-protein & fat-level milk powders with probiotics, prebiotics, vitamin & mineral premix and a coccidiostat*. Ngahiwi Supplementary is a non-curdling milk powder and is only recommended as a stand-alone powder from 14 days of age, where a calf has had both adequate colostrum, vat milk or a curdling CMR like Ngahiwi Premium.

HOW TO FEED YOUR CALF WITH NGAHIWI SUPPLEMENTARY

WEEK	FEEDS PER DAY	LITRES	MIX RATE/L	MEAL PER DAY
3	1	2.5	200g	0.5kg
4	1	3.0	200g	1.0kg
5	1	3.0	200g	1.5kg
6	1	3.0	200g	1.5kg
7 - 10	Wean off milk			

Feeding Tips

- Cow's milk contains 125 - 150g milk solids. 600g should be fed in a once-a-day feed program
- Mix rate/concentration of 200g/litre throughout rearing
- Mix Supplementary CMR separately before adding to vat milk
- Add CMR to 40° Celsius warm water and cool until 36° before feeding
- Calf can be weaned off milk at 65kg, if meal concentration is increased to ad-lib

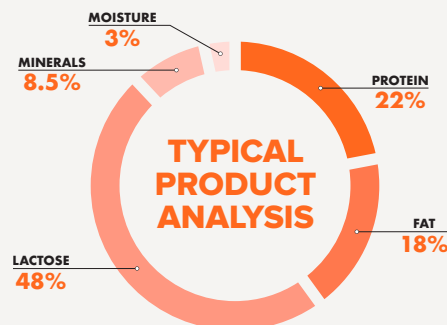
*NGAHIWI ADDITIVES - THE COMPLETE CMR

Ngahiwi Supplementary CMR includes a comprehensive Premix with essential vitamins and minerals. Optimum health and growth are also promoted by the added inclusion of probiotics, prebiotics, and an anticoccidial.

THE THREE Q'S OF COLOSTRUM

Colostrum intake directly affects a calf's health outcome and growth. Colostrum-deprived calves have little or no immunity to the many pathogens in their environment.

1	2	3
QUALITY	QUANTITY	QUICKLY
Feed calves with quality colostrum from mature cows	Minimum 3 litres over two feeds in first 6 hours	As soon as possible, at latest 6 hours from birth



Scan the QR code to discover more about our Supplementary Calf Milk Replacer, or visit ngahiwifarms.co.nz



NGAHIWI WHEY CMR CALF MILK REPLACER

Ngahiwi Whey CMR is for calves 14 days and older and is formulated to optimise and accelerate calf growth. It combines a well-balanced milk-protein & fat-level milk powder with probiotics, prebiotics, essential oils, a vitamin & mineral premix and a coccidiostat to give calves the best start possible*. Ngahiwi Whey is a non-curdling milk powder and we recommend that it is fed from 14 days of age, after calves have had both adequate colostrum and either whole milk or a curdling CMR like Ngahiwi Premium.

HOW TO FEED YOUR CALF WITH NGAHIWI WHEY

WEEK	FEEDS PER DAY	LITRES	MIX RATE/L	MEAL PER DAY
3	1	2.5	200g	0.5kg
4	1	3.0	200g	1.0kg
5	1	3.0	200g	1.5kg
6	1	3.0	200g	1.5kg
7 - 10		Wean off milk		

Feeding Tips

- Add CMR to 40° Celsius warm water and cool until 36° before feeding
- Use a thermometer if new to calf rearing
- Feed in morning and use compartment feeders to monitor slow feeders
- Mix rate/concentration 200g/litre throughout rearing
- Make pasture available to calves from week 3
- Calf can be weaned off milk at 65kg, when meal concentration is increased

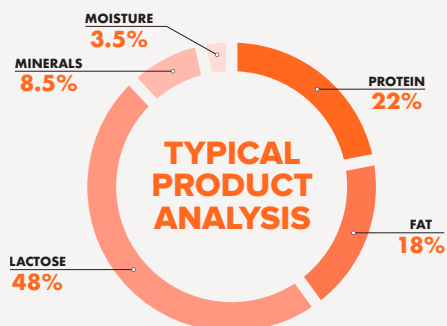
*NGAHIWI ADDITIVES - THE COMPLETE CMR

Ngahiwi Whey CMR includes a comprehensive Premix with essential vitamins and minerals. Optimum health and growth are promoted by the inclusion of probiotics, prebiotics, essential oils and a coccidiostat. No need for expensive supplements.

THE THREE Q'S OF COLOSTRUM

Colostrum intake directly affects a calf's health outcome and growth. Colostrum-deprived calves have little or no immunity to the many pathogens in their environment.

1	2	3
QUALITY	QUANTITY	QUICKLY
Feed calves with quality colostrum from mature cows	Minimum 3 litres over two feeds in first 6 hours	As soon as possible, at latest 6 hours from birth



Scan the QR code to discover more about our Whey Calf Milk Replacer, or visit ngahiwifarms.co.nz



NGAHIWI TWENTY 20 CALF MILK REPLACER

Ngahiwi Twenty 20 CMR is formulated for young calves to provide consistent, straightforward nutrition throughout the rearing period. A balanced blend of dairy proteins and fats delivers reliable energy and growth support when fed as part of a well-managed calf rearing programme.

'TWICE-A-DAY' FEEDING RECOMMENDATION

Mixing Rate	150g/litre		
ANIMAL AGE	VOLUME /FEED	GRAMS /FEED	GRAMS /DAY
Days 1-4	Colostrum only	-	-
Days 5-14	Ngahiwi Premium	-	-
Days 15-21	2.5L	375	750
Days 22 to weaning	3.0L	450	900

'Twice-a-Day' Feeding Tips

- Add CMR to 40°C warm water and cool until 38°C before feeding
- Feed in morning and evening - leave 8 hours between feeding
- Mix rate/concentration 150g/litre throughout rearing

'ONCE-A-DAY' FEEDING RECOMMENDATION

Mixing Rate	200g/litre		
ANIMAL AGE	VOLUME /FEED	GRAMS /FEED	GRAMS /DAY
Days 1-4	Colostrum only	-	-
Days 5-14	See 'Twice-a-Day' feeding recommendation	-	-
Days 15-21	3.5L	700	700
Days 22 to weaning	4.5L	900	900

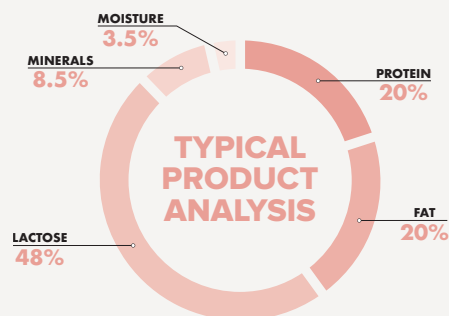
'Once-a-Day' Feeding Tips

- Add CMR to 40°C warm water and cool until 38°C before feeding
- Feed in morning and use compartment feeders for two weeks
- Mix rate/concentration 200g/litre throughout rearing

THE THREE Q'S OF COLOSTRUM

Colostrum intake directly affects a calf's health outcome and growth. Colostrum-deprived calves have little or no immunity to the many pathogens in their environment.

1	2	3
QUALITY	QUANTITY	QUICKLY
Feed calves with quality colostrum from mature cows	Minimum 3 litres over two feeds in first 6 hours	As soon as possible, at latest 6 hours from birth



NGAHIWI KID MIX MILK REPLACER

Ngahiwi Kid Mix is formulated to provide a balanced nutritional foundation for all goat kids. With the inclusion of probiotics, prebiotics, and essential oils, it supports their early growth and overall well-being. Choose Ngahiwi Kid Mix for a dependable start to your goat kids' development journey.

KID FEEDING RECOMMENDATION

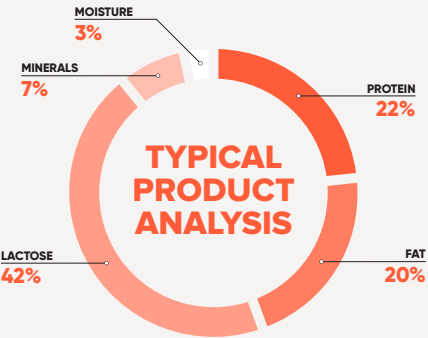
Mixing Rate	200 g/L	
ANIMAL AGE	AMOUNT PER FEED	FEEDS PER DAY
Day 1	Colostrum	4
Day 2 - 5	150 – 200 ml	4
Day 6 - 7	200 ml	4
Week 2	200 - 250 ml	4
Week 3	250 - 350 ml	3
Week 4	450 - 600 ml	2
Week 5 - 9	600 ml	2
Week 10	500 ml	2

NGAHIWI ADDITIVES - THE COMPLETE MILK REPLACER

Ngahiwi Kid Mix includes a comprehensive premix with essential vitamins and minerals. Optimum health and growth are also promoted by the added inclusion of probiotics, prebiotics and essential oils.

THE THREE Q'S OF COLOSTRUM

1	2	3
QUALITY	QUANTITY	QUICKLY
Quality colostrum from the young animal's mother	10% of the young animals body weight	As soon as possible, at latest 6 hours from birth



Scan the QR code to discover more about our Kid Mix Milk Replacer, or visit ngahiwifarms.co.nz



NGAHIWI KID MIX PREMIUM MILK REPLACER

Ngahiwi Kid Mix Premium is the ultimate choice for nurturing the potential of all goat kids. Enriched with probiotics, prebiotics, and essential oils, it ensures a strong start and supports their growth journey. By choosing Ngahiwi Kid Mix Premium, you're investing in their future, optimising their development, and safeguarding their performance in adult life.

KID FEEDING RECOMMENDATION

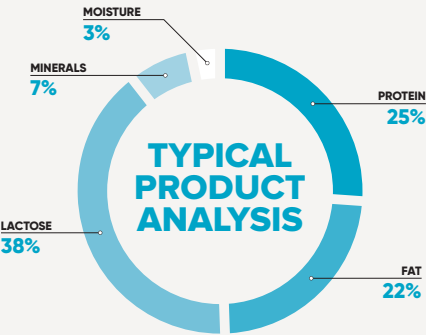
Mixing Rate	200 g/L	
ANIMAL AGE	AMOUNT PER FEED	FEEDS PER DAY
Day 1	Colostrum	4
Day 2 - 5	150 – 200 ml	4
Day 6 - 7	200 ml	4
Week 2	200 - 250 ml	4
Week 3	250 - 350 ml	3
Week 4	450 - 600 ml	2
Week 5 - 9	600 ml	2
Week 10	500 ml	2

NGAHIWI ADDITIVES - THE COMPLETE MILK REPLACER

Ngahiwi Kid Mix includes a comprehensive premix with essential vitamins and minerals. Optimum health and growth are also promoted by the added inclusion of probiotics, prebiotics and essential oils.

THE THREE Q'S OF COLOSTRUM

1	2	3
QUALITY	QUANTITY	QUICKLY
Quality colostrum from the young animal's mother	10% of the young animals body weight	As soon as possible, at latest 6 hours from birth



NGAHIWI BESPOKE NUTRITION SOLUTIONS

Ngahiwi Bespoke formulations are developed in partnership with farmers, rearers and industry partners to meet specific animal nutrition, production and operational requirements.

Manufactured in New Zealand using quality feed ingredients, each blend is built around practical performance, consistency and reliability in real on-farm conditions.

Our bespoke capability allows us to work with customers on tailored nutrition solutions where a standard product may not be the right fit – backed by Ngahiwi's experience in young animal nutrition, stock food powders and specialist feed blends.



NGAHIWI RE-NU ELECTROLYTE REPLACER

Rehydration and recovery support for calves during periods of nutritional stress, scours or fluid loss.

DOSE RATE

Mix 80 g of electrolyte into 2 L of fresh, clean water.

DAY FEEDING GUIDE

Day 1	Colostrum
Day 2	150 – 200 ml
Day 3	200 ml

Feed milk or calf milk replacer separately from electrolytes.

DIRECTIONS

- Administer using a suitable oral dosing tube or drench gun.
- Separate electrolyte feeds from milk feeds by 4 hours where possible.
- If milk replacer has been withheld, reintroduce gradually over 1–2 days.
- Discard unused prepared solution after 24 hours.
- If problems persist, contact your veterinarian.

KEY INGREDIENTS

Includes a balanced combination of:

- Sodium, Potassium and Chloride – to help replace essential electrolytes and support hydration.
- Dextrose – a readily available energy source to support recovery.
- Glycine – supports electrolyte and fluid absorption.

CAUTION

For animal use only. Use only as directed. Seek veterinary advice if symptoms persist.



GENERAL REARING RECOMMENDATIONS

Feed high energy/high protein pellets from Day 1. Pellets should be fed as needed but can be restricted to 1.5kg of pellets/head once milk feeding has been discontinued and calves have been moved out onto high quality pasture.

Continue feeding 1.5kg pellets per head until 10 weeks of age. Restricted pellets need to be fed in troughs where there is plenty of space for all calves to get their share. Following this regime calves will consume approximately 75kg of meal each up to 10 weeks of age.

Have good clean straw on offer at all times (in feeders to eat, not as bedding). If it is dirty or musty, calves will be less inclined to eat it and acidosis problems may result. Given the choice between clean straw and pellets, calves will choose approximately 10% straw and 90% pellets. Budget on around half a bale of straw per calf.

Provide clean water at all times. Dirty water or no water means that they won't eat meal or straw and won't grow.

WEANING OFF MILK

Calves should be eating meal (suggest 1kg/day), be healthy and weigh 65kg l.w plus.

PASTURE FEEDING

The transition from meal to pasture feeding is an area where many problems occur.

Calves need to be fed meal whilst at pasture (1.5kg/head) until 10 weeks of age to adapt to the new diet.

Ensure high-quality pasture is fed. This has a major bearing on calf growth rate between 5 and 12 weeks. Pasture should be around 10cm high and have good clover content.

Plan well ahead so that the best pasture is available in the vicinity of the rearing facility.

If good pasture is not available then high quality baleage is a good substitute. However, baleage is not a meal substitute – pellets must continue to be fed.

Good shelter must be provided once calves are moved out from rearing facility to pasture. If need be, move the young calves back to the rearing facility in bad weather.

ANIMAL HEALTH

Colostrum intake directly affects new calf health!

- Guarantee of colostrum in first 6 hours is critical to the ongoing wellbeing of the calf.
- Feed electrolytes as necessary on arrival.
- Watch for navel infections and respiratory problems.
- Isolate scouring calves and treat with electrolytes.

HOUSING

Calves should be housed for the first 4 to 5 weeks:

- In a draught-free environment, a sunny site is best.
- Not fully enclosed as there is a risk of ammonia build up leading to respiratory problems.
- On clean bedding. Fresh bark chips/saw dust can be added onto contaminated bedding on a regular basis.
- Completely clean out facility and spray with iodophor or similar disinfectant, between batches of calves.
- Outdoors and covered is better than poorly ventilated sheds.

MILK FEEDING

Basic aim is 500–600 grams milk powder per calf daily, as soon as possible (see suggested feeding regime).

We have achieved best results if calves are kept off pasture until they are 4–5 weeks old. This lets them adapt to the meal and straw and encourages early rumen development.

MEAL FEEDING

We have found best results are achieved if calves are kept off pasture until they are 4–5 weeks old. This enables them to adapt to the meal and straw and encourages early rumen development.

IMPORTANT LAMB/KID REARING INFORMATION

- Ngahiwi WHEY LMR is suitable for ad-lib feeding regimes and most automatic feeders.
- Changes to feeding regimes should be made gradually. When changing batches mix the two powders together on change.
- Mix powder at 40°C, allow to cool to 37°C before feeding.
- Do not overfeed animals, avoid turning automatic machines off to prevent gorging and bloat.
- Bloat can occur from overfeeding, bacteria from dirty feed lines and also from the bug *sarcina* (thrives in warm lactose). Feed milk cold to combat this (see website for more information on the *sarcina* bug).
- Lambs can be weaned at 12kg (6–8 weeks) and should be eating 200 grams per day of concentrated feed as well as grass.
- Kids can be weaned at a minimum of 16kg AND consuming 250g concentrates per animal per day.

NGAHIWI ADDITIVES - THE COMPLETE CMR

PREBIOTIC

A specific combination of complex carbohydrates designed to optimise intestinal health and support immune function.

PROBIOTIC

Addition of billions of naturally occurring beneficial lactic acid producing bacteria that help minimise the harmful causing bacteria that lead to scours in young calves.

ESSENTIAL OILS

Essential oils are added to enhance digestive health, improve feed conversion and growth rates.

COCCIDIOSTAT

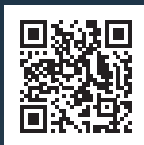
A coccidiostat that works by breaking the *Coccidia* (*Eimeria bovis* and *Eimeria zuernii*) life-cycle, effectively preventing them penetrating and damaging the intestinal tract.

VITAMIN AND MINERAL PREMIX

Provides all essential vitamins and minerals for young calves health, growth and development.



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