

# MILK REPLACERS

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The NWF milk replacer range is formulated to provide outstanding nutrition using high quality, traceable ingredients to ensure digestibility and palatability.

- Carefully selected milk solids with maximum nutritional value.
- Balanced blend of oils, homogenised and emulsified for maximum digestibility and normal gut function.
- Full supplement of vitamins, minerals and trace elements.
- Selected additives to help meet growth rates and support the health status of calves.
- Our milk replacers are easy-mixing and suitable for most automated and manual feeding systems.
- All our milk replacers are fixed formulation, to supply a consistent product.

The LifeStart Programme is helping understand nature's way to unlock the early growth potential of the calf to further improve dairy farm efficiency in the future. NWF Ultra Life milk replacer is suitable for accelerated heifer-rearing programmes on either bucket systems or computer-controlled machines.

## CALF REARING ADVICE

Our technical and sales teams offer calf rearing advice that reviews the behaviour of youngstock in their environment to establish where improvements can be made to help maximise their health and performance.

Successful calf rearing is based on a virtuous circle of good health, quality nutrition and strong growth. Your local NWF sales specialist can provide advice on the 5 C's of calf rearing; Colostrum, Calories, Comfort, Cleanliness & Consistency.



## NWF ULTRA MILK ELITE

Ultra Life Elite is a LifeStart accredited skim-based milk replacer, with a 50% skim content and 100% dairy protein. It is highly digestible and carefully formulated with equal fat and protein levels to ensure it has an appropriate and specific nutrient profile to support the growing calf.

Ultra Life Elite contains natural vitamin E which has higher biological activity than synthetic, approximately 2:1 over synthetic Vitamin E.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional value.
- Balanced blends of vegetable fats and oils, homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Fibosel - an active  $\beta$ -glucan that supports a calf's innate immunity.
- Butyrate.
- Acidified.
- Contains flavouring and sweeteners to encourage intakes.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis:

• Protein 22.5%	• Vitamin A 20,000 iu/kg
• Oil 22%	• Vitamin D3 5,000 iu/kg
• Fibre 0.0%	• Vitamin E 150 iu/kg

### RELATED PRODUCTS

also see

**TECHMIX**  
page 103

# NWF ULTRA LIFE SKIM

A Lifestart accredited skim-based milk replacer. At 50% skim content this milk replacer is highly digestible and carefully formulated to ensure it has an appropriate and specific nutrient profile to support the growing calf.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Easy Mix.
- Acidified.
- Beta Glucans.
- Butyrate.

### Applications:

It is suitable for accelerated heifer and beef rearing programs.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 24.0%	• Vitamin A 25,000 iu/kg
• Oil 20.0%	• Vitamin D3 5,000 iu/kg
• Fibre 0.00%	• Vitamin E 500 iu/kg

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103



## NWF ULTRA MILK YELLOW

A top quality skim milked based calf milk replacer, ideally suited to the professional calf rearer or dairy units looking for high performance. At 50% skim and 100% dairy protein this milk replacer is highly digestible. It is suitable for many systems, particularly those wanting something special from their youngstock.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Easy Mix.
- Acidified.
- Beta Glucans.
- Butyrate.

### Applications:

Ideal for many systems, particularly those wanting something special from their youngstock.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 22.0%	• Vitamin A 25,000 iu/kg
• Oil 18.0%	• Vitamin D3 5,000 iu/kg
• Fibre 0.00%	• Vitamin E 250 iu/kg

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103



# NWF ULTRA MILK GREEN

A skimmed milk-based product, ideal to promote early bloom and a healthy-looking calf, suited for many systems, particularly those selling stock at a young age. Contains 35% skim.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Easy Mix.
- Acidified.
- Beta Glucans.
- Butyrate.

### Applications:

It is suitable for accelerated heifer and beef rearing programs.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 22.0%	• Vitamin A 25,000 iu/kg
• Oil 18.0%	• Vitamin D3 5,000 iu/kg
• Fibre 0.00%	• Vitamin E 250 iu/kg

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103

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# NWF ENERGIZED CALF MILK

A LifeStart accredited, ECM has been developed with whole milk as the biological reference; the best of whole milk combined with the best of CMR. The LifeStart Programme helps to understand nature's way to unlock the early growth potential of the calf to further improve dairy farm efficiency in the future.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional value.
- Balanced blends of vegetable fats and oils, homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Fibosel - an active  $\beta$ -glucan that supports a calf's innate immunity.
- Butyrate.
- Acidified.
- Contains flavouring and sweeteners to encourage intakes.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis:

• Protein 22.5%	• Vitamin A 20,000 iu/kg
• Oil 25%	• Vitamin D3 4,000 iu/kg
• Fibre 0.0%	• Vitamin E 200 iu/kg

### RELATED PRODUCTS

also see

**TECHMIX**  
page 103

# NWF ULTRA LIFE WHEY

A Lifestart accredited whey-based milk replacer. This milk replacer is carefully formulated to ensure it has an appropriate and specific nutrient profile to support the growing calf.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Easy Mix.
- Acidified.
- Beta Glucans.
- Butyrate.

### Applications:

It is suitable for accelerated heifer and beef rearing programs.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 24.0%	• Vitamin A 25,000 iu/kg
• Oil 20.0%	• Vitamin D3 5,000 iu/kg
• Fibre 0.02%	• Vitamin E 500 iu/kg

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103



## NWF ULTRA HI PRO HEIFER

A top quality whey-based milk replacer that is suitable for accelerated heifer rearing program's that require a high protein product.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Easy Mix.
- Acidified.
- Beta Glucans.
- Butyrate.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 26.0%	• Vitamin A 25,000 iu/kg
• Oil 17.0%	• Vitamin D3 5,000 iu/kg
• Fibre 0.03%	• Vitamin E 500 iu/kg

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103

# NWF ULTRA MILK BLUE

This excellent whey-based product enables fast cost-effective growth and development with enhanced concentrate feed intake at this critical stage in life. A high energy calf milk replacer that reconstitutes easily.

### Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Easy Mix.
- Acidified.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 22.0%	• Vitamin A 25,000 iu/kg
• Oil 19.0%	• Vitamin D3 5,000 iu/kg
• Fibre 0.04%	• Vitamin E 300 iu/kg

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103



# NWF ULTRA MILK PLATINUM

A superior quality skim-based calf milk replacer with elevated levels of energy and protein. At 50% skim, 100% dairy protein content, this milk replacer contains high levels of milk proteins and is highly digestible. It is suitable for many systems, particularly those wanting something special from their youngstock.

### Specifically developed using:

- A specific spray dried technology.
- High levels of dairy proteins for optimal solubility and digestibility.

### Key Features

- A  $\beta$ -glucan that supports a calf's innate immunity (a form of defence mechanism) to combat challenging conditions whilst safeguarding performance.
- Butyrate- stimulates growth and enhances performance in young calves.
- Acidified- Lowers milk replacer pH which in turn reduces the risk of harmful bacteria proliferation in the milk. Acidified milk replacer can be fed to support an ideal intestinal pH to encourage 'good' bacteria to proliferate in the Gastrointestinal Tract.
- Contains flavouring and sweeteners to encourage intakes

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Oil 25%	• Vitamin A 25,000 iu/kg
• Protein 23%	• Vitamin D3 5,000 iu/kg
• Fibre 0.0%	• Vitamin E 300 iu/kg
• Ash 6.5%	

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103

# NWF ULTRA MILK DIAMOND

A superior quality, 50% skim-based calf milk replacer, with elevated levels of oil and milk protein to promote accelerated growth and development at this critical stage of life.

## Specifically developed using:

- A specific spray dried technology.
- High levels of dairy proteins for optimal solubility and digestibility.

## Features

- A  $\beta$ -glucan that supports a calf's innate immunity (a form of defence mechanism) to combat challenging conditions whilst safeguarding performance.
- Butyrate- stimulates growth and enhances performance in young calves.
- Acidified- Lowers milk replacer pH which in turn reduces the risk of harmful bacteria proliferation in the milk. Acidified milk replacer can be fed to support an ideal intestinal pH to encourage 'good' bacteria to proliferate in the Gastrointestinal Tract.
- Contains flavouring and sweeteners to encourage intakes

## Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

## Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

## Typical Analysis

• Oil 20%	• Vitamin A 25,000 iu/kg
• Protein 23%	• Vitamin D3 5,000 iu/kg
• Fibre 0.03%	• Vitamin E 300 iu/kg
• Ash 7.0%	

### RELATED PRODUCTS

also see

**TECHMIX**  
page 103

## NWF ULTRA MILK GOLD

A superior quality, highly digestible 50% skim milk replacer which has high levels of milk proteins. This replacer contains the Greenguard package.

### Specifically developed using:

- A specific spray dried technology.
- High levels of dairy proteins for optimal solubility and digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Butyrate.
- Acidified.
- MOS.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 22.0%	• Vitamin A 25,000 iu/kg
• Oil 19%	• Vitamin D3 5,000 iu/kg
• Fibre 0.05%	• Vitamin E 100 iu/kg

### RELATED PRODUCTS

also see  
**TECHMIX**  
page 103



# NWF ULTRA MILK EMERALD

A 35% skim-based replacer, containing the additive package ensuring that early bloom and healthy calves is promoted.

### Specifically developed using:

- A specific spray dried technology.
- High levels of dairy proteins for optimal solubility and digestibility.
- Full supplement of vitamins, minerals and trace elements.

### Key Features:

- Butyrate.
- Acidified.
- MOS.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 21.5%	• Vitamin A 25,000 iu/kg
• Oil 18%	• Vitamin D3 5,000 iu/kg
• Fibre 0.05%	• Vitamin E 100 iu/kg

### RELATED PRODUCTS

also see

**TECHMIX**  
page 103

## NWF ULTRA MILK RUBY

A superior quality whey-based calf milk replacer, with elevated levels of oil and milk protein to promote accelerated growth and development at this critical stage of life.

### Specifically developed using:

- A specific spray dried technology.
- High levels of dairy proteins for optimal solubility and digestibility.
- Full supplement of vitamins, minerals, and trace elements.

### Key Features:

- Butyrate.
- Acidified.
- MOS.

### Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

### Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

### Typical Analysis

• Protein 24%	• Vitamin A 5,000 iu/kg
• Oil 20%	• Vitamin D3 25,000 iu/kg
• Fibre 0.05%	• Vitamin E 100 iu/kg

### RELATED PRODUCTS

also see

**TECHMIX**  
page 103

# NWF ULTRA MILK SAPPHIRE

A high-quality whey-based milk replacer, a good all-rounder replacer which has the addition of the Greenguard to support digestive health and performance.

## Specifically developed using:

- A specific spray dried technology
- High levels of dairy proteins for optimal solubility and digestibility
- Full supplement of vitamins, minerals and trace elements.

## Key Features:

- Butyrate.
- Acidified.
- MOS.

## Applications:

Suitable for all beef & dairy breeds, home bred or market purchased.

## Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

## Typical Analysis

• Protein 22.5%	• Vitamin A 25,000 iu/kg
• Oil 18%	• Vitamin D3 5,000 iu/kg
• Fibre 0.1%	• Vitamin E 100 iu/kg

### RELATED PRODUCTS

also see

**TECHMIX**  
page 103



# NWF ENERGIZED LAMB MILK REPLACER

Energized Lamb Milk is a precisely formulated lamb milk replacer containing specially selected milk products, highly digestible oils and proteins plus vitamins and minerals to satisfy the requirements of fast-growing lambs. It is available in skimmed milk (50%) or whey-based options.

## Specifically developed using:

- Carefully selected milk solids with maximum nutritional solids.
- Balanced blends of vegetable fats and oils homogenised and emulsified for maximum digestibility.
- Full supplement of vitamins, minerals and trace elements.

## Key Features:

- Improved Energy Density.
- Optimal Protein Digestibility.
- Controlled Osmolality.

## Applications:

This easy-mixing milk replacer is ideally suited to all bottle and most ad lib lamb feeding systems. Milkivit Energized Lamb Milk should be introduced directly following on from colostrum feeding.

## Shelf Life:

Vitamins guaranteed for 12 months from date of manufacture.

## Typical Analysis:

• Oil 25%	• Vitamin A 20,000 iu/kg
• Protein 22.5%	• Vitamin D3 4,000 iu/kg
• Fibre 0.0%	• Vitamin E 200 iu/kg
• Ash 7.0%	• Selenium mg/kg 0.3

**RELATED PRODUCTS**  
also see  
**TECHMIX**  
page 103