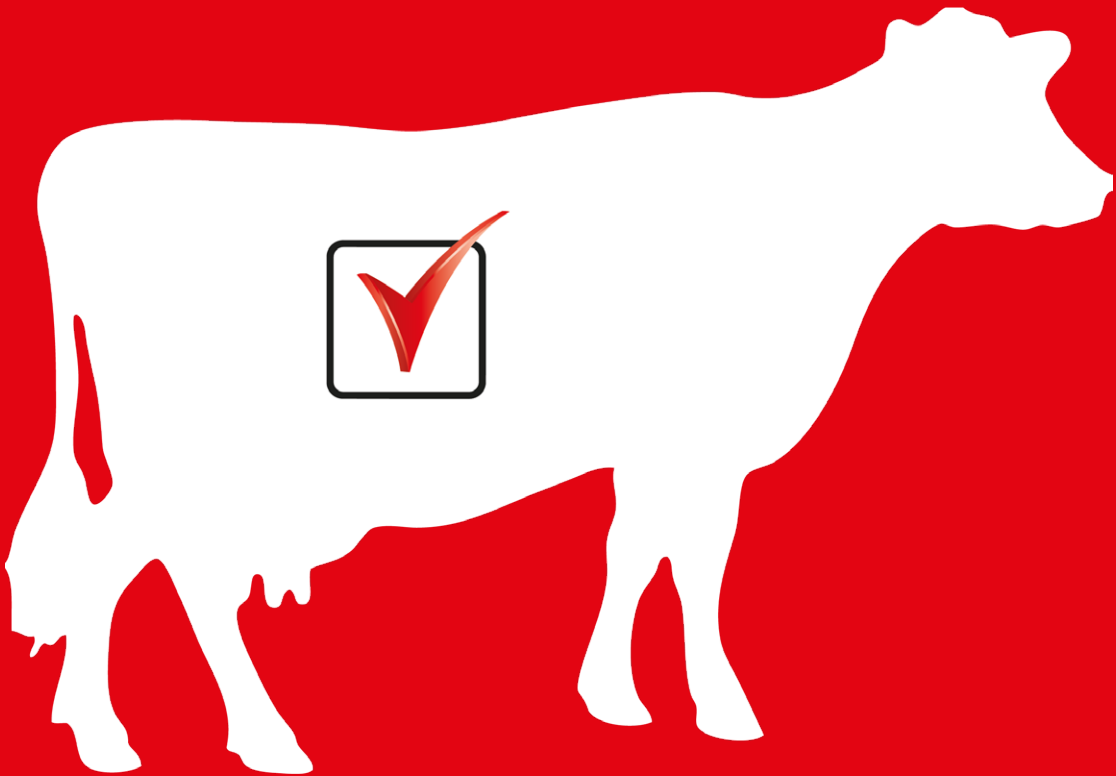
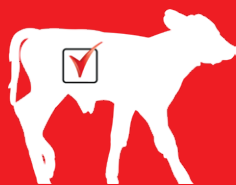


Meadow Feeds

Dairy Product Range



Product	Page
Dairy Feed	
V 9895 Dairy Calf Starter 18	1
V 9896 Dairy Calf Growth 16	2
V 7416 Complete Dairy Calf 16	3
V 12012 Complete Dairy Calf 18	4
Blocks	
<i>Production</i>	
V 18129 Energy Block	5
<i>Dry season</i>	
V 18130 Ruminant Block	7
Utility Feed	
V 19426 Herbivore Sweetfeed 15	9



DAIRY CALF STARTER 18

Registration No: V 9895 Act 36 of 1947

Class: Dairy Calf Starter

Form: Pellets

Description

A semi-complete calf starter feed focused on pre-weaning calves to a minimum of 3 months of age.

Benefits

- Highly palatable to stimulate voluntary feed intake.
- Actively drives rumen development in the pre- and early-weaned calf.
- Selected high quality raw material composition.
- Formulated to achieve seamless weaning.

Feeding Recommendations

- This is not a complete feed and must be fed in limited quantities.
- Roughage or grazing must be available at all times.
- Feed from 3 days to 3 months of age.

Composition

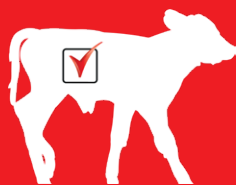
Nutrient	Quantity	Unit	Min/Max
Protein	180	g/kg	Min
Fat	25	g/kg	Min
Fat	80	g/kg	Max
Fibre	90	g/kg	Max
Moisture	120	g/kg	Max
Calcium	16	g/kg	Max
Phosphorus	6	g/kg	Min

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DAIRY CALF GROWTH 16

Registration No: V 9896 Act 36 of 1947

Class: Dairy Calf Grower

Form: Pellets

Description

A semi-complete calf grower feed for young dairy calves from 3 to 6 months of age.

Benefits

- Highly palatable.
- Carefully selected high quality raw material composition.
- Excellent amino acid profile.
- Improves nutrient utilisation in young calves with active rumens.
- Supports skeletal growth in young calves.

Feeding Recommendations

- This is not a complete feed and must be fed in limited quantities.
- Roughage or grazing must be available at all times.
- Feed from 3 to 6 months of age.

Composition

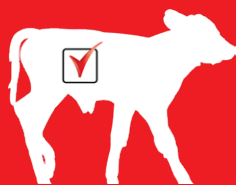
Nutrient	Quantity	Unit	Min/Max
Protein	160	g/kg	Min
Fat	25	g/kg	Min
Fat	80	g/kg	Max
Fibre	90	g/kg	Max
Moisture	120	g/kg	Max
Calcium	16	g/kg	Max
Phosphorus	6	g/kg	Min

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COMPLETE DAIRY CALF 16

Registration No: V 7416 Act 36 of 1947

Class: Complete Calf Feed

Form: Pellets

Description

A complete calf feed from 4 months to a minimum of 6 months of age.

Benefits

- Selected high quality raw materials.
- Palatable to achieve good feed intakes.
- High quality amino acid profile.
- Synchronised energy and nitrogen utilisation for calves with active rumens.
- Drives skeletal growth in young calves.

Feeding Recommendations

- A limited amount of additional roughage must be fed with the complete feed.
- This feed must be fed ad-lib.
- Ensure that feed troughs are always full.

Composition

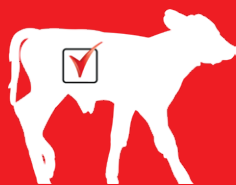
Nutrient	Quantity	Unit	Min/Max
Protein	160	g/kg	Min
Fat	25	g/kg	Min
Fat	70	g/kg	Max
Fibre	100	g/kg	Min
Fibre	150	g/kg	Max
Moisture	120	g/kg	Max
Calcium	8	g/kg	Max
Phosphorus	3.5	g/kg	Min

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COMPLETE DAIRY CALF 18

Registration No: V 12012 Act 36 of 1947

Class: Complete Calf Feed

Form: Pellets

Description

A complete calf feed for pre-weaned calves to at least 4 months of age.

Benefits

- Highly palatable to stimulate voluntary intake.
- Focused raw material composition.
- Specialised nutrient profiles to achieve high growth rates.
- Drives the different phases of rumen development.
- Seamless weaning.

Feeding Recommendations

- A limited amount of additional roughage must be fed with the complete feed.
- This feed must be fed ad-lib.
- Ensure that feed troughs are always full.

Expected Intakes

Achieve a minimum intake of 1 kg/calf/day for 3 consecutive days before weaning.

Composition

Nutrient	Quantity	Unit	Min/Max
Protein	180	g/kg	Min
Fat	25	g/kg	Min
Fat	70	g/kg	Max
Fibre	100	g/kg	Min
Fibre	150	g/kg	Max
Moisture	120	g/kg	Max
Calcium	8	g/kg	Max
Phosphorus	3.5	g/kg	Min

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Class: Energy Mineral Trace Mineral Supplement for Ruminants

Form: Block

Description

Energy Block is a source of energy mineral and trace mineral supplementation to all classes of ruminants. Although not classified as a protein source, **Energy Block** supplies sufficient protein to stimulate rumen microbes and increase the voluntary dry matter intake and digestibility of consumed roughages.

Energy Block can be supplemented to dairy, cattle and sheep on grazing and/or pastures or complete feeds where sufficient protein is supplied by the dry matter, but where energy, minerals and trace minerals are deficient. **Energy Block** is an ideal supplement before mating, calving / lambing, and where animals need to improve in body condition score.

Benefits

- A proper source of energy, macro minerals, trace minerals and vitamins.
- Also contains sufficient protein in combination with a high energy level.
- Suitable for use by both cattle and sheep.
- Good intakes are achieved.

Feeding recommendations

Type of animal	Recommended Intake (g/animal/day)	
	Minimum	Maximum
Cattle	950	1 000
Sheep	180	240

Only to be used for/fed to specified animal species.

Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	140	g/kg	Min
Urea	30	g/kg	Max
Moisture	160	g/kg	Max
Calcium**	4	g/kg	Min
Calcium**	20	g/kg	Max
Phosphorus**	4	g/kg	Min
Sulphur**	2.5	g/kg	Min
Magnesium	6	g/kg	Min
Vitamin A	18 000	IU/kg	
Copper	37.5	mg/kg	
Cobalt	0.75	mg/kg	
Manganese	300	mg/kg	

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More than just feed

Nutrient	Quantity	Unit	Min/Max
Zinc	300	mg/kg	
Iodine	3.75	mg/kg	
Selenium	1	mg/kg	

*85 % derived from NPN

This product contains NPN sources - see NPN warning

** The levels of these minerals do not meet the minimum requirements of a mineral supplement for cattle and sheep in accordance with Act 36 of 1947.

NPN Warning

This feed may contain feed-grade urea / NPN sources and thus must be mixed and fed strictly according to recommendations:

1. Vinegar is an effective remedy against NPN (non-protein nitrogen) poisoning. Mix with equal amounts of water. Dose half a bottle per calf or large sheep or 2-4 bottles per head of cattle. (1 bottle = 750ml)
2. Protect these feeds against rain. NPN is soluble and animals drinking such a solution can be poisoned.
3. Do not feed these feeds indiscriminately with other feed containing NPN. Consult an animal scientist.
4. Mix concentrates thoroughly with the prescribed ingredients.
5. This is a supplement and not a feed. Sufficient grazing and/or roughage must be available at all times.
6. Ensure that feed troughs are always full and give animals free access to grazing.
7. A salt-phosphate lick must be fed for a minimum of seven days prior to feeding any animal a NPN containing lick.

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RUMINANT BLOCK

Registration No: V 18130 Act 36 of 1947

Class: Protein Mineral Trace Mineral Supplement for Ruminants

Form: Block

Description

Ruminant Block is a protein mineral trace mineral supplement for cattle and sheep on low quality roughage. This product can be used by dairy farmers, cattle farmers and sheep farmers and is specifically useful where all species are found on one farm, grazing the same camps from time to time. **Ruminant Block** is used to supplement the natural shortage of protein during the dry season. **Ruminant Block** also provides the necessary minerals which will lead to improved fertility and reproduction. The balance between natural protein, NPN and energy sources will enhance rumen microbial activity and cause the animal to optimally utilise the available roughage.

Ruminant Block is an easy way of supplementation in hard to reach areas, such as mountainous camps, and where animals cannot be visited frequently.

Benefits

- Supplies protein that is limiting on dry veld.
- Improves the utilisation of low-quality roughages.
- This block allows sufficient intake to stimulate rumen function.
- Supplies minerals, trace minerals and vitamins.
- Can be used by cattle and sheep.

Feeding recommendations

Type of animal	Recommended Intake (g/animal/day)	
	Minimum	Maximum
Cattle	600	800
Small ruminants	120	140

Only to be used for/fed to specified animal species.

Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	300	g/kg	Min
Urea	70	g/kg	Max
Fat	25	g/kg	Min
Moisture	160	g/kg	Max
Calcium	12	g/kg	Min
Calcium	36	g/kg	Max
Phosphorus**	12	g/kg	Min
Sulphur**	4	g/kg	Min
Magnesium	6	g/kg	Min
Vitamin A	18 000	IU/kg	
Manganese	300	mg/kg	

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More than just feed

Nutrient	Quantity	Unit	Min/Max
Copper	37.5	mg/kg	
Cobalt	0.75	mg/kg	
Zinc	300	mg/kg	
Iodine	3.75	mg/kg	
Selenium	1	mg/kg	

*77.5 % derived from NPN

This product contains NPN sources - see NPN warning

** The levels of these minerals do not meet the minimum requirements of a mineral supplement for cattle and sheep in accordance with Act 36 of 1947.

NPN Warning

This feed may contain feed-grade urea / NPN sources and thus must be mixed and fed strictly according to recommendations:

1. Vinegar is an effective remedy against NPN (non-protein nitrogen) poisoning. Mix with equal amounts of water. Dose half a bottle per calf or large sheep or 2-4 bottles per head of cattle. (1bottle = 750ml)
2. Protect these feeds against rain. NPN is soluble and animals drinking such a solution can be poisoned.
3. Do not feed these feeds indiscriminately with other feed containing NPN. Consult an animal scientist.
4. Mix concentrates thoroughly with the prescribed ingredients.
5. This is a supplement and not a feed. Sufficient grazing and/or roughage must be available at all times.
6. Ensure that feed troughs are always full and give animals free access to grazing.
7. A salt-phosphate lick must be fed for a minimum of seven days prior to feeding any animal a NPN containing lick.

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HERBIVORE SWEETFEED 15

Registration No: V 19426 Act 36 of 1947

Class: Utility Diet for Cattle, Sheep, Horses and Game (Urea Free)

Form: Pellets

Description

- A complete feed for ruminants, horses and game to achieve optimal production.
- Not a maintenance diet.

Benefits

- Urea free.
- Safe to use for ruminants, horses and monogastric game species.
- Contains high levels of protein and energy to drive production.

Feeding Recommendations

Cattle

- Finishing & Complete: Ad-lib (after adaptation) with free access to roughage or grazing.
- Bulls: Feed 1–5 kg/bull/day or a maximum of 1% of body weight with free access to roughage or grazing.
- Lactating Dairy Cows: The quantity of feed will depend on a) the quality and quantity of pasture and/or roughage; b) the stage of lactation; c) milk- and butterfat yield.
- Feed a maximum of 10 kg/cow/day to small frame breeds and 15 kg/cow/day to large frame breeds.

Sheep

- Finishing & Complete: Ad-lib (after adaption) with free access to roughage or grazing.
- Ewe & Lamb feed: Feed a daily maximum of 1% of the ewe's body weight as supplementary feed to lactating ewes, or as a flush feed from 3 weeks before to 3 weeks after mating, together with roughage and/or pasture.

Horses

- Feed 4–8 kg per head per day, depending on size and work rate.

Game

- Feed 1–3 kg per head per day for large game.
- Feed 200–600 g per head per day for small game.
- Ensure free access to sufficient grazing or roughage.

Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	150	g/kg	Min
Fat	25	g/kg	Min
Fat	70	g/kg	Max
Fibre	110	g/kg	Min
Fibre	120	g/kg	Max

Composition continues on next page

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More than just feed

Nutrient	Quantity	Unit	Min/Max
Moisture	120	g/kg	Max
Calcium	8	g/kg	Min
Calcium	10.8	g/kg	Max
Phosphorus	4	g/kg	Min
Phosphorus	5	g/kg	Max
Potassium	8	g/kg	Min
Sulphur	1.8	g/kg	Min
Sulphur	3.5	g/kg	Max
Sodium	1.6	g/kg	Min
Sodium	11	g/kg	Max
Chloride	1.8	g/kg	Min
Chloride	17	g/kg	Max
Magnesium	1.8	g/lg	Min
Vitamin A	5 000	IU/kg	Min
Manganese	36	mg/kg	Min
Manganese	900	mg/kg	Max
Copper	9	mg/kg	Min
Copper	22.5	mg/kg	Max
Cobalt	0.1	mg/kg	Min
Cobalt	9	mg/kg	Max
Iodine	0.55	mg/kg	Min
Iodine	4.5	mg/kg	Max
Zinc	36	mg/kg	Min
Zinc	450	mg/kg	Max
Selenium	0.27	mg/kg	Min
Selenium	1.8	mg/kg	Max
Iron	45	mg/kg	Min
Iron	900	mg/kg	Max
Fluoride	36	mg/kg	Max
Molybdenum	4.5	mg/kg	Max
ME Ruminant (estimate)	9	MJ/kg	Min

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