

NUTRI FEEDS

The Formula for Success

Nutri products for Beef Cattle

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Nutri products for Beef Cattle

Nutri's feeding programme for beef cattle provides:

- Optimum weight gain to achieve the desired marketable target mass within the most economical time;
- Good dressing percentages;
- Optimum feed turnover and nutrient absorption;
- Versatile concentrates for a variety of economical mixing options.

General recommendations

Implement an appropriate processing programme in collaboration with your veterinarian with respect to:

- Internal and external parasites;
- Implant programmes;
- Treatment in the feedlot;
- Animal dehorning;
- Sorting;
- In kraal conditions a floor area of approximately 12 m² per animal and feeding space of at least 20cm per animal are recommended.

Adaptation

As the Nutri range of finishing rations is high in energy, it is essential for the animals to be given an adaptation period of 14 days to prevent rumen disorders. Where **Nutri Easy Mix** is used, follow the adaptation recommendations as set out below.

Day	Feed/ animal	Roughage	Day	Feed/ animal	Roughage
1	0	<i>Ad lib.</i>	7	5 kg	<i>Ad lib.</i>
2	0	<i>Ad lib.</i>	8	6 kg	<i>Ad lib.</i>
3	1 kg	<i>Ad lib.</i>	9	7 kg	<i>Ad lib.</i>
4	2 kg	<i>Ad lib.</i>	10	8 kg	<i>Ad lib.</i>
5	3 kg	<i>Ad lib.</i>	11	9 kg	<i>Ad lib.</i>
6	4 kg	<i>Ad lib.</i>	12	<i>Ad lib.</i>	0*

* *Ad lib.* if **Sentra Super** is used in a cafeteria system.

Clean, cold drinking water should always be available.

Roughage that can be used includes maize leaves, sorghum residue, grass hay or legume hay (lucerne, groundnuts, cow peas).

Nutri Complete products:

**6201 Nutri Beef Complete
Cattle Fattening (V 246)**

**9601 Nutri Beef Complete
Cattle Fattening (NFF 0971)**

Class: Complete beef feed.

Composition:

Product	6201, 9601 Nutri Beef Complete Cattle Fatten
Reg. No.	V 246; NFF 0971
	g/kg
Protein (min)	100
Calcium (max)	8
Phosphate (min)	2.5
Fibre	110 – 200
Urea (max)	10

50 kg packaging.

Instructions:

Nutri Beef Complete Cattle Fattening:

This complete cattle finishing ration must be given to animals *ad lib.* after an adaptation period of 14 days. Intake about 3.4% of body mass.

See NPN Warning on page 41.

These products contain registered veterinary drugs. Refer to the attached bag label for the correct usage of the product.

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

Notes

Nutri Semi-Complete products:

6103 Nutri Sentra Super Meal (V 1112) 9603 Nutri Sentra Super Meal (NFF 0979)

Class: Cattle finishing feed.

Composition

Product	6103, 9603 Nutri Beef Sentra Super
Reg. No.	V 1112; NFF 0979
	g/kg
Protein (min)	130
Calcium (max)	10
Phosphate (min)	3
Fibre	90 – 120
Urea (max)	15

50 kg packaging.

Instructions:

Nutri Beef Sentra Super :

For finishing on grazing, approximately 2.7% of the body mass per animal should be fed per day after an adaptation period of 14 days. Under kraal conditions a complete cattle fattening ration can be obtained by mixing 750 kg of **Sentra Super** and 250 kg of high-quality roughage. Then feed *ad lib*. It can also be fed separately in combination with roughage in a cafeteria system in the feedlot. Feed both **Sentra Super** and roughage *ad lib*.

See NPN Warning on page 41.

These products contain registered veterinary drugs. Refer to the attached bag label for the correct usage of the product.

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

Approximate intakes of the different finishing rations per day (kg)

	Complete	Cafeteria system		Veld finishing
Body mass (kg)	6201 Nutri Beef Complete Cattle Fatten	6103 Nutri Beef Sentra Super	Roughage	6103 Nutri Beef Sentra Super
135	4.6	3.5	1.2	3.5
180	6.2	4.8	1.5	4.8
225	7.6	6	1.9	6
270	9	7.3	2.3	7.3
320	10.9	8.6	3	8.6
360	12.2	9.7	3.2	9.7
400	13.6	10.8	3.6	10.8
450	15	12	4	12

Notes

Nutri Concentrates:

Nutri Concentrates are formulated to allow them to be mixed with good quality raw materials on the farm to obtain quality fattening, show or production rations.

6308 Nutri Beef Concentrate 80 (V 3901) **9605 Nutri Beef Concentrate 80 (NFF 4168)**

Class: Protein concentrate for cattle finishing feed.

- Ideal for fattening and finishing older animals;
- Protein formulation is based on rumen degradability;
- An economical ready-mixed ration is obtained;
- Contains growth promoters for better growth and feed conversion in the RSA formulations;
- Export formulations contain modern, natural feed additives for optimum rumen function;
- Helps to prevent rumen disorders like bloat and acidosis.

6302 Nutri Beef Maxi (V 15877) **9606 Nutri Beef Maxi 33 (NFF 1931)**

Class: Protein concentrate for complete cattle feed.

- Scientifically formulated, for all ages and weight groups;
- The product contains high-quality protein (bypass protein), as well as the necessary rumen degradable protein to ensure optimum growth;
- Contains growth promoters for better growth and feed conversion in the RSA formulations;
- Export formulations contain modern, natural feed additives for optimum rumen function;
- Helps to prevent rumen disorders like bloat and acidosis.

Composition:

Product	6308, 9605 Nutri Beef Feedlot 80	6302, 9606 Nutri Beef Maxi 33
Reg. No.	<i>V 3901; NFF 4168</i>	<i>V 15877; NFF 1931</i>
	g/kg	g/kg
Protein (min)	800	330
Calcium (max)	20 – 25	47
Phosphate (min)	5 – 7.5	10
Fibre	50 – 200	100 – 150
Urea (max)	250	80
Packaging	50 kg	40 kg

See NPN Warning on page 41.

This product contains registered veterinary drugs. Refer to the attached bag label for the correct usage of the product.

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

Notes

Mixing ratios for finishing rations (cafeteria system)

Product	6308, 9605 Nutri Beef Feedlot 80	6302, 9606 Nutri Beef Maxi 33
	kg	kg
Concentrate	50	200
Maize meal	720	800
Total*	770	1 000
Composition		
	g/kg	g/kg
Protein (min)	130	130
Calcium (max)	6	9.1
Phosphorus (min)	2.8	3.6
Fibre	90 – 120	90 – 120
Urea (max)	16.2	16

See NPN Warning on page 41.

This product contains registered veterinary drugs. Refer to the attached bag label for the correct usage of the product.

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

* Roughage should be available *ad lib*.

Mixing ratios for complete fattening rations with grain and roughage

Product	6308, 9605 Nutri Beef Feedlot 80	6302, 9606 Nutri Beef Maxi 33
	kg	kg
Concentrate	50	160
Maize meal	650	600
Roughage	250	150
Total	950	910
Composition		
	g/kg	g/kg
Protein (min)	130	130
Calcium (max)	6	9.1
Phosphorus (min)	2.8	3.6
Fibre	90 – 120	90 – 120
Urea (max)	13.2	13.2

**Mixing ratios for complete fattening rations with grain, roughage
and maize silage**

Product	6308, 9605 Nutri Beef Feedlot 80	6302, 9606 Nutri Beef Maxi 33
	kg	kg
Concentrate	50	160
Maize meal	800	600
5807 Nutri Bypro 35 (NPN Free) or Oilcake (>35%)	25	0
Molasses meal or 6331 Nutrimol	80	80
Roughage	200	100
Maize silage	300	300
Feed lime	20	0
Total	1 475	1 240
Composition		
	g/kg	g/kg
Protein (min)	110	110
Calcium (max)	9	8
Phosphorus (min)	2	3
Fibre	80 – 120	80 – 120
Urea (max)	24	26

See NPN Warning on page 41.

This product contains registered veterinary drugs. Refer to the attached bag label for the correct usage of the product.

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

Instructions: Feed as discussed under **Sentra Super** (beef finishing rations) and complete beef fattening.

Notes

**Mixing ratios for complete fattening rations with grain and roughage
(phase feeding)**

Starter, growth and finishing phases with **Nutri Beef Maxi 33**, **Grainmix**,
Bypro 35 (NPN free) and **Nutrimol**

Product	Adaptation	Growth	Finisher
Day	1 - 14	15 - 75	76 - marketing
	kg	kg	kg
Maize meal, hominy chop or 6205 Nutri Grainmix	500	600	650
6302, 9606 Nutri Beef Maxi 33	120	160	160
Roughage	200	150	100
5807 Nutri Bypro 35 (NPN free) or Oilcake (>35%)	100	0	0
Molasses meal or 6331 Nutrimol	80	80	80
Total	1 000	990	990
Composition			
	g/kg	g/kg	g/kg
Protein (min)	140	120	120
Calcium (max)	9	11	11
Phosphorus (min)	3.2	3	2.5
Fibre	130	110	100

**6310 Nutri Beef
Easy Mix Starter (V 17399)**

**6311 Nutri Beef
Easy Mix Finisher (V 17398)**

**9631 Nutri Beef Easy
Mix Finisher (NFF 4264)**

Class: Protein concentrate for complete cattle feeds.

- These two pill products make quick, cost-effective and easy mixing possible without the need for roughage or mixing equipment.
- Ruminants can be fed with whole maize or small grains for above-average feed conversion with Easy Mix.

Composition:

Product	6310 Nutri Beef Easy Mix Starter	6311 / 9631 Nutri Beef Easy Mix Finisher
Reg. No.	V 17399	V 17398; NFF 4264
	g/kg	g/kg
Protein (min)	250	250
Calcium (max)	28.5	30
Phosphate (min)	4	4
Fibre	250 – 370	365 - 370
Urea (max)	30	45
Packaging	50 kg (pellets)	50 kg (pellets)

See NPN Warning on page 41.

This product contains registered veterinary drugs. Refer to the attached bag **label for the correct usage of the product.**

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

Mixing ratios with whole maize

Product	Adaptation	Growth	Finisher
Day	*3 – 14	15 - 75	76 - marketing
	kg	kg	kg
6310 Easy Mix Starter	450	0	0
6311/9631 Easy Mix Finisher	0	350	250
Whole maize	550	650	750
Total	1 000	1 000	1 000
Composition			
	g/kg	g/kg	g/kg
Protein (min)	150	140	125
Calcium (max)	13	11	10
Phosphorus (min)	3	2.7	2.5
Fibre	110 – 200	100 – 150	80 – 150
Protein from NPN (max)	40s	45	35

See NPN Warning on page 41.

This product contains registered veterinary drugs. Refer to the attached bag label for the correct usage of the product.

Please note (Namibia and Botswana): Export formulations for the product contain no veterinary drugs.

Instructions:

With whole maize: It is important to pour **Easy Mix** and the whole maize bag by bag into the feed trough in the above ratios and then stir well. A mixer is not required. It is important for the animals to be gorged when the feeding process starts.

*For the first two days they should therefore receive only roughage or gorge on grazing, together with 1 kg of **Easy Mix Starter** per animal per day.

Mixing ratios with hominy chop, oats or barley

Product	Adaptation	Growth	Finisher
Day	Day *3 – 14	Day 15 - 75	Day 76 – marketing
	kg	kg	kg
6310 Easy Mix Starter	450	0	0
6311/9631 Nutri Beef Easy Mix Finisher	0	350	250
Hominy chop, oats or barley	550	650	750
Total	1 000	1 000	1 000
Composition			
	g/kg	g/kg	g/kg
*Protein (min)	160	140	125
Calcium (max)	13	11	10
Phosphorus (min)	4	4	4
Fibre	140 – 200	120 – 150	100 – 130
Protein from NPN (max)	40	45	35

Instructions:
Mixing ratios with hominy chop, oats or barley

Mix hominy chop or the small grain and **Easy Mix** in the above ratio in the trough for the adaptation period. Then **Easy Mix** and the said small grain can be fed separately (according to a cafeteria system) in the feeding trough. It is important for the animals to be gorged when the feeding process starts.

*For the first two days they should therefore receive only roughage or gorge on grazing, together with 1 kg of **Easy Mix Starter** per animal per day.

* Protein values represent the mixing ratios with hominy chop. The protein values of the oats/barley mixing ratios will be higher. Intake should be between 9 and 10 kg per animal per day, depending on the body mass, temperature and other climatic conditions.

NPN Warning:

This animal feed contains an NPN source. Mix and feed strictly according to instructions.

Refer to page 4 for the Complete NPN Warning.

