

# NUTRI FEEDS

*The Formula for Success*

## Nutri products for Small stock

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## Nutri products for Sheep

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### General Information:

The Nutri Feeds range of small stock (sheep and goat) products contributes to maximum animal production and profit through:

- Optimum weight gain to achieve the desired marketable target mass within the most economical time;
- Provision for the physiological needs of animals with respect to protein;
- energy, fibre, mineral and trace mineral needs from birth to slaughter;
- Ideal dressing percentage.

Nutri products also offer the following for small stock:

- Unique versatile concentrates for a variety of economical home mixing options;
- Safe and easy mixing, with minimum wastage.

### Phase feeding:

- The Nutri Sheep product range was formulated scientifically for specific use in different physiological phases and comprises **BIR Receiver, BIR Weaner, BIR Builder and BIR Finisher**;
- **Nutri BIR** is also available in concentrate form for home mixing of a variety of small stock rations.

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**Nutri Complete products for small stock**

The **Nutri Sheep BIR** range was specially formulated for the application of phase feeding in sheep feedlots.

Reg. no.	Product	7600 Nutri Sheep: BIR Receiver	7603 Nutri Sheep: BIR Weaner	7601 Nutri Sheep: BIR Builder	7602 Nutri Sheep: BIR Finisher	7203 Nutri Sheep: Ram, Lamb, Ewe	7302 Nutri Sheep: S13
		V 16422	V 16421 NFF 4263	V 16424	V 16423	V 1482	V 7556
		g/kg	g/kg	g/kg	g/kg	g/kg	g/kg
Protein (min)		110	150	140	130	130	120
Calcium (max)		10	15	10	10	15	15
Phosphorus (min)		2	4	2.5	3	3	3
Fibre		110 – 200	110 – 150	110 – 200	110 – 150	90 – 150	120 – 250
Moisture (max)		120	120	120	120	120	120
Urea (max)		10	4	10	10	10	0
Ammonium chloride		5	5	5	5	5	5

**50 kg packaging.**

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.

See NPN Warning on page 61.

### **7600 Nutri Sheep: BIR Receiver (V 16422)**

**Class:** Complete sheep feed.

An adaptation ration that should be provided *ad lib.* to sheep from day 3. On the first two days sheep should be fed only roughage, or the sheep should be gorged on grazing. Feed for 14 days in feedlots for adaptation purposes, It also serves as a maintenance ration that is fed to sheep as a supplement level of 250 – 350 g per sheep during droughts to maintain body mass.

### **7603 Nutri Sheep: BIR Weaner (V 16421)**

### **9703 Nutri Sheep: BIR Weaner (NFF 4263)**

**Class:** Complete ewe and lamb feed.

Feed to lightweight lambs (less than 30 kg live mass) after the adaptation period on **BIR Weaner** for at least two weeks, or until a live mass of 35 kg is reached. Feed *ad lib.* This weaner ration can also be used as creep feed. Use creep pens so that only lambs have access to the ration.

### **7601 Nutri Sheep: BIR Builder (V 16424)**

**Class:** Complete sheep feed.

Provide *ad lib.* to sheep after the adaptation period or after **BIR Weaner** if it was used. Feed until marketing or, if a heavier type of lamb is fed, up to a live mass of 40 kg. Particularly suitable for meat types.

### **7602 Nutri Sheep: BIR Finisher (V 16422, NFF 3728)**

**Class:** Complete sheep feed.

Feed **Nutri Sheep BIR Finisher** *ad lib.* to lambs after adaptation period (from 40 kg live mass if **BIR Builder** ration was used) up to marketing. The finishing ration should be fed only to well-adapted lambs, as it is very high in energy and can cause diarrhoea if used injudiciously, **BIR Finisher** can be fed directly after adaptation on **BIR Receiver** to late-maturing lambs (SA Mutton Merino, etc.). The adaptation period on **BIR Receiver** should then be extended to 14 days instead of 10 days as prescribed.

The dressing percentage can be increased with **BIR Finisher** ration, However, take care that lambs do not become too fat, as this may effect grading. Particularly suitable for wool types.



## 7612 Nutri Sheep Finisher (V 28674) 9704 Nutri Sheep Finisher (NFF 3736)

**Class:** Complete sheep feed.

**Nutri Sheep Finisher** is a complete sheep feed and is fed to fatten sheep, It contains sufficient grain for fattening, as well as roughage and drugs to promote rumen health and feeding efficiency.

The export product does not contain any drugs and these are replaced by natural food supplements as alternative to drugs in order to support rumen health and action.

It contains anionic salts to limit the incidence of urinary calculi, It is an effortless product with minimum wastage that is fed *ad lib.* after an adaptation period of 14 days.

Composition	Min (g/kg)	Max (g/kg)
Protein	120	
Urea		10
Ammonium chloride	10	12
Total protein from urea		23.92%
Total protein from NPN		39.71%
Moisture		120
Fat	25	70
Fibre	110	200
Calcium		10
Phosphorus	2	

**50 kg packaging.**

See NPN Warning on page 61.

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.

## 7613 Nutri Sheep Stud Stock (V 28668; NFF 3737)

**Class:** Complete sheep feed.

**Nutri Sheep Stud Stock** is a complete sheep feed and is fed as is,

- It provides 140 g/kg good-quality protein, sufficient energy to improve the condition of stud stock, and sufficient effective fibre and drugs for rumen health;
- The export product contains natural food supplements as alternative to drugs in order to support rumen health and action;
- It contains anionic salts to prevent urinary calculi;
- It is available as pellets for ease of use and minimum wastage.

Composition	Min (g/kg)	Max (g/kg)
Protein	140	
Urea		2.5
Ammonium chloride	5	7.5
Total protein from urea		5.13%
Total protein from NPN		18.67%
Moisture		120
Fat	25	70
Fibre	110	200
Calcium		10
Phosphorus	2	

**50 kg packaging.**

See NPN Warning on page 61.

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.

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## 7203 Nutri Sheep: Ram, Lamb and Ewe Ration (V 1482; NFF 3726)

**Class:** Ewe and lamb feed.

**Serves as:**

**Stimulation feed on grazing:** Feed from three weeks before servicing season to at least two weeks into the servicing season at 750 – 1 000 g per sheep per day, depending on field conditions and the condition of the sheep.

**Ewe ration:** Provide from the last four weeks of pregnancy to six weeks after start of lactation to stimulate milk flow, 250 – 500 g per sheep per day is sufficient, depending on field conditions and the condition of the ewes.

**Finishing ration:** Provide at 2.7% - 3.5% of body weight together with roughage *ad lib.* in kraals or grazing.

Composition	Min (g/kg)	Max (g/kg)
Protein	130	
Urea		10
Ammonium chloride	8	10
Total protein from NPN		34%
Moisture		120
Fat	25	70
Fibre		150
Calcium		15
Phosphorus	3	

**50 kg packaging.**

See NPN Warning on page 61.

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.





## 7302 Nutri Sheep Excella S13 (V 7556, NFF 1065)

**Class:** Drought feed.

Serves as a maintenance ration that is fed to sheep at a supplement level of 250 – 350 g per sheep per day during droughts to maintain body mass.

Alternatively, feed the product for 14 days *ad lib.* without roughage as an adaptation ration until moving over to the next phase (growth phase).

Composition	Min (g/kg)	Max (g/kg)
Protein	120	
Ammonium chloride	10	10
Total protein from NPN		13.7%
Moisture		120
Fat	15	70
Fibre	120	250
Calcium		15
Phosphorus	3	

**50 kg packaging.**

See NPN Warning on page 61.

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.

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## Nutri Sheep 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.

**6301 Nutri Sheep Maxi 33 (V 17396)**  
**9607 Nutri Sheep Maxi 33 (NFF 4167)**

**Class:** Protein concentrate for complete sheep feed.

Composition	g/kg
Protein (min)*	330
Calcium (max)	50
Phosphorus (min)	5
Moisture (max)	120
Fibre	80 – 150
Ammonium chloride (max)*	35
Urea (max)	55
* (% protein from NPN)	64.6

### 40 kg packaging.

See NPN Warning on page 61. 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 for finishing or ram, lamb and ewe ration

Product	Finishing or ram, lamb and ewe ration
<b>6301, 9607 Nutri Sheep Maxi 33</b>	200
Maize meal or grain	800
Total	1 000

**\* Roughage available ad lib.**

Composition	g/kg
Protein (min)*	130
Calcium (max)	10
Phosphorus (min)	3
Moisture (max)	120
Fibre	80 – 150
Ammonium chloride (max)*	5
Urea (max)	12
* (% protein from NPN)	32.92

**See NPN Warning on page 61.**

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 Nutri Sheep: Ram, Lamb and Ewe Ration.

**Mixing ratios with maize, small grains or Nutri Grainmix**

Product	Complete Sheep Ration Maxi 33 (Barley/Oats)	Complete Sheep Ration Maxi 33 (Maize Meal)	Complete Sheep Ration Maxi 33 (Grainmix)
	kg	kg	kg
<b>6301, 9607 Nutri Sheep, Maxi 33</b>	120	120	120
Barley or oats	620	0	0
Grainmix	0	0	500
Maize meal	0	420	0
Lucerne	150	300	200
Low-grade roughage	50	50	100
<b>Nutrimol</b>	0	80	80
<b>Total</b>	<b>1 020</b>	<b>970</b>	<b>1 000</b>

Composition	kg	kg	kg
Protein (min)*	136	127	130
Calcium (max)	10	10	10
Phosphorus (min)	3	3	3
Moisture (max)	120	120	120
Fibre	110 – 200	110 – 200	110 – 200
Ammonium chloride (max)*	5	5	5
Urea (max)	7.8	7.4	7.4
* (% protein from NPN)	20.14	20.8	20.6

See NPN Warning on page 61.

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 Nutri Sheep: BIR Finisher.

**General recommendations**

- Note that certain products contain urea and therefore should be fed strictly according to the prescriptions on the bag labels.
- As the finishing products are high in energy, it is vital for sheep to be adapted gradually over a period of 14 days, or as prescribed under specific rations, to prevent rumen disorders.

3. Sheep being finished should be treated against internal and external parasites and other diseases before they are placed on the finishing ration.
4. Under folding conditions a floor area of 1 – 2.5 m<sup>2</sup> per sheep and feeding trough space of 75 mm per sheep are recommended.
5. Roughage must always be of a good quality.
6. Adaptation: It is recommended that sheep receive only roughage for the first two days, or gorge themselves on grazing, **BIR Receiver** or **Nutri Sheep S13** should then be fed as prescribed, followed by either the BIR phase feed or one of the fattening rations. Switch gradually over a period of two to three days, during which Nutri Sheep: **BIR Receiver/ Nutri Sheep S13** is mixed with the chosen fattening ration.

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## 6312 Nutri Sheep BIR Concentrate (V 18568)

## 9312 Nutri Sheep BIR Concentrate (NFF 4271)

**Class:** Protein concentrate for complete sheep feed.

The unique Nutri Sheep BIR Concentrate by Nutri Feeds is the only feed product available locally that can be fed with whole grains without adding roughage or grinding the grain.

The ease of use and versatility of Nutri Sheep BIR Concentrate ensures optimal production and profit and completely eliminates grinding and mixing costs.

### 6312 Nutri Sheep BIR Concentrate (V 18568)

### 9312 Nutri Sheep BIR Concentrate (NFF 4271)

Composition	g/kg
Protein (min)*	220
Urea (max)	20
Protein from NPN (max)	33.54%
Moisture (max)	120
Calcium (min/max)	18/20
Fat (min/max)	10/100
Phosphorus (min)	2.5
Fibre (min/max)	280/320

**50 kg packaging.**

See NPN Warning on page 61.

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:**

It is important for the animals to start the feeding process with a full stomach.

Roughage should therefore be given *ad lib.* for the first two days, or the animals should have gorged on grazing, together with 500 g of **BIR Concentrate** per animal per day. The programme as set out in the table should then be followed.

It is important for **BIR Concentrate** to be mixed with the whole maize, whole oats or barley in the ratio as indicated in the table. Mixing can be done in the feeding trough. The ration can be fed in a cafeteria system after the adaptation period. The sheep will choose **Nutri Sheep BIR Concentrate** and whole maize/oats/barley in a ratio of approximately 34% concentrate to 66% whole grain.

**Mixing ratios for adaptation rations**

Product (kg)	Adaptation	Adaptation
Day 1 and 2	Roughage <i>ad lib.</i> plus 500 g BIR Concentrate per animal per day	
Day	3 – 14	3 – 14
<b>6312 BIR Concentrate</b>	500	500
Whole maize	500	0
Oats or barley	0	500
<b>Total</b>	<b>1 000</b>	<b>1 000</b>
<b>Composition</b>	<b>g/kg</b>	<b>g/kg</b>
Protein (min)	140	160
% protein from NPN (max)	26.36	21.7
Urea (max)	10	10
Fat	25 - 70	25 - 70
Fibre	110 – 200	110 – 200
Moisture (max)	120	120
Calcium (max)	10	10
Phosphorus (min)	2.5	2.5

See NPN Warning on page 61.

**Mixing ratios for growth and finishing rations**

Product (kg)	Growth	Growth	Finisher	Finisher
Day	15 – 40	15 – 40	41 - marketing	41 - marketing
<b>BIR Concentrate</b>	400	400	350	350
Whole maize	600	0	700	0
Oats or barley	0	600	0	700
<b>Total</b>	<b>1 000</b>	<b>1 000</b>	<b>1 050</b>	<b>1 050</b>
Composition				
Composition	g/kg	g/kg	g/kg	g/kg
Protein (min)	135	150	125	140
% protein from NPN (max)	21.87	17.9	19.75	15.93
Urea (max)	8	8	6.7	6.7
Fat	25 - 70	25 - 70	25 - 70	25 - 70
Fibre	110 – 200	110 – 200	110 – 200	110 – 200
Moisture (max)	120	120	120	120
Calcium (max)	10	10	10	10
Phosphorus (min)	2.5	2.5	2.5	2.5

See NPN Warning on page 10.

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.

\* Protein from Oats/Barley: 100 g/kg

**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.**