



# HPC 85

Registration No: V 14077 Act 36 of 1947

**Class:** Protein-Trace Mineral Concentrate for Ruminants

**Form:** Meal

## Description

**HPC 85** is a low inclusion finishing concentrate for ruminants and can be included in different ratios with grain to produce a complete finishing ration for cattle and sheep. **HPC 85** can be fed as a cafeteria system or used to mix other on-farm feeds not adding any extra NPN sources, consult your **Meadow Feeds** technical advisor.

## Benefits

- Low inclusion rate.
- Allows high inclusion of on-farm raw materials.
- Formulates high-quality finishing diets for cattle and sheep.

## Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	850	g/kg	Min
Urea	250	g/kg	Max
Moisture	120	g/kg	Max
Calcium	93.1	g/kg	Min
Calcium	131	g/kg	Max
Phosphorus	21	g/kg	Min
Potassium	5.2	g/kg	Min
Sulphur	10	g/kg	Min
Sulphur	14	g/kg	Max
Magnesium	3.5	g/kg	Min
Vitamin A	80 000	IU/kg	
Manganese	600	mg/kg	
Copper	100	mg/kg	
Cobalt	2	mg/kg	
Zinc	600	mg/kg	
Iodine	5	mg/kg	
Selenium	2	mg/kg	

\*85 % derived from NPN

This product contains NPN sources - see NPN warning

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For further technical assistance, please contact a technical advisor in your area.

<b>CENTRAL REGION</b>	Randfontein - +27 11 693 5120	<b>WESTERN CAPE</b>	Paarl - +27 21 807 8700
	Standerton - +27 17 200 0272		Ladismith - +27 28 551 1950
	Delmas - +27 13 665 5011	<b>EASTERN CAPE</b>	Gqeberha - +27 41 402 5000
<b>KWA-ZULU NATAL</b>	Pietermaritzburg - +27 33 387 2403	<b>AFRICA</b>	Zambia - +260 967 790 404



**More than just feed**

## Feeding recommendations

Mix and feed according to the instructions in the table below:

<b>Cafeteria system - Cattle and sheep</b>	
HPC 85 (V14077)	50
Maize meal (prot max 80 g/kg)	700
<b>TOTAL</b>	<b>750</b>
<b>Composition (g/kg)</b>	
Crude protein (miin)	131.3
Urea (max)	16.6
% protein ex NPN	36.28
Calcium (max)	6.4
Phosphorus (min)	3.4
Ca:P	1.9:1
Magnesium	1.4
Potassium	3.3
Sulphur	1.6
Monensin (mg/kg)	33.33
Fibre (min/max)	32.7
Fat (min/max)	32.7
<b>Expected intakes (kg/animal/day)</b>	
Cattle	10
Sheep	1.5

\* Feed with ad-lib access to roughage or pasture at all times.  
 See further feeding instructions for feedlots.

### Warning

This product contains ionophores and must not be fed to horses.  
 This feed is a concentrate and should not be fed unmixed.  
 Due to the high concentration of this product, proper mixing practices are crucial to achieve success.

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## Further Feeding Instructions for Feedlots

For the best results follow the feeding instruction below or consult your **Meadow Feeds** technical advisor.

It is of critical importance to follow the proper adaptation period when starting on any feedlot ration. It takes a minimum of seven days for the rumen bacteria to change from a high fibre to a high energy ration.

This adaptation process must not be rushed. The following prescribed adaptation period can be followed as a minimum

	Cattle (*kg/animal/day)	Sheep (*g/animal/day)
Day 0–4	2	200
Day 5–6	4	400
Day 7–8	6	600
Day 9–10	8	800
Day 11–12	ad-lib	ad-lib

\*of mixed ration

During the adaptation period it is important that the animals have access to good quality roughage ad-lib and clean water. Proper feed bunk management plays a huge role in feedlot performance - consult your **Meadow Feeds** technical advisor for advice.

## 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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