



# HITECH FEEDLOT 50 CONCENTRATE

Registration No: V 15248 Act 36 of 1947

**Class:** Protein Concentrate for Ruminants

**Form:** Meal

## Description

**Hitech Feedlot 50 Concentrate** is a finishing protein concentrate for ruminants and can be included in different ratios with grain to produce a semi-complete or complete finishing ration for cattle and sheep. **Hitech Feedlot 50 Concentrate** can be mixed to make a complete ration or can be fed in a cafeteria system.

## Benefits

- Supplies the required vitamins and minerals to achieve high growth rates.
- Formulated to extract energy from fibre.
- Stimulates rumen function.

## Feeding Recommendations

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

## Composition

Nutrient	Quantity	Unit	Min/Max
*Protein	500	g/kg	Min
Urea	155	g/kg	Max
Moisture	120	g/kg	Max
Calcium	50	g/kg	Min
Calcium	85	g/kg	Max
Phosphorus	11	g/kg	Min
Sulphur	6.6	g/kg	Min
Magnesium	10	g/kg	Min
Vitamin A	40 000	IU/kg	
Manganese	300	mg/kg	
Copper	50	mg/kg	
Cobalt	1	mg/kg	
Zinc	300	mg/kg	
Iodine	2.5	mg/kg	
Selenium	1	mg/kg	
Monensin	320	mg/kg	
Zinc Bacitracin	200	mg/kg	

\*98.1 % 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**

## Mixing Instructions (kg)

Type of Feed*	1	2	3	4
Class of Farm Feed	Finisher for cattle	Finisher for cattle	Complete finisher for cattle	Complete finisher for sheep
Hitech Feedlot 50 Concentrate (V15248)	100	100	100	100
Grain (max prot. 80g/kg)	850	900	600	550
Oilcake (max prot. 400 g/kg) / Multimix 40 Concentrate (V18607)	50		50	100
Roughage	Ad lib	Ad lib	250	250
<b>TOTAL</b>	<b>1 000</b>	<b>1 000</b>	<b>1 000</b>	<b>1 000</b>
<b>Composition (g/kg)</b>				
Crude protein (min)	139	122	129	146
Urea (max)	15.5	15.5	15.5	15.5
% protein ex NPN	34.7	39.6	37.4	33.1
Calcium (max)	8.8	8.7	9.2	9.3
Phosphorus (min)	3.4	3.0	3.3	3.7
Ca:P	2.6:1	2.9:1	2.8:1	2.5:1
Fat (min)	31.25	31.25	27.75	27.50
Fat (max)	31.5	31.5	28.0	28.0
Fibre (min/max)			110.3	110.3
<b>Recommended intakes (kg/animal/day)</b>				
Cattle (1, 2, 3)	10	10	10	
Sheep (4)				1.5

- \* 1 = Light weaners - cafeteria system  
2 = Heavy weaners - cafeteria system  
3 = Complete cattle finisher  
4 = Complete sheep finisher

### Warning

This product contains ionophores and must not be fed to horses.  
This feed must never be fed to animals unmixed.

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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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