

Beef



The cutting edge technology **Itau Animal Feeds** apply in the Itau Beef Range will help the farmer to transfer feed into food as economical as possible, putting more money into the producer's pocket. Our aim is to let the animals put on weight optimally to produce top dress out results. Attention is given to achieve the lowest possible feed conversion ratio which means that animals should gain maximum weight with the least possible dry matter intake. Itau's beef rations are safe, highly mixable and the additive inclusion will ensure optimal results.

611 Itau Beef Extreme Grow

- Concentrated part of the complete ration
- Roughage part to be put in on farm
- Complete ration (TMR) or on cafeteria-system where the concentrate is given separate from the roughage
- This product can be given just as it is on the veld for finishing of cattle on natural pastures
- Up to 80% of the total diet might consist out of this product
- Animals should be adapted to this product

681 Itau Beef 33

- A very popular concentrate for cattle of any age or weight
- Highly digestible to ensure a healthy rumen environment
- Contains additives to guarantee optimal feed conversion
- Animals should be adapted systematically before a complete feedlot ration is given

Itau Beef 33	Complete Beef Fattening (Dry roughage)	Complete Beef Fattening (Silage)	Production Lick	Concentrate mix (kafeteria)
Itau Beef 33	150	150	450	200
Maize meal	700	700	300	800
Lucerne	150	0	0	0
Silage	0	300	0	0
Salt	0	0	150	0
Molasses	0	0	80	0
Total	1000	1150	980	1000
Composition (g/kg):				
Protein (min)	132	115	180	130
Urea (max)	8	8	25	11
Protein ex NPN (max) (%)	17.87	19.21	40.43	24.28
Moisture (max)	110	276	117	112
Fibre	70	137	62	40
Ca	9	8	24	10
P	3	3	5	4

682 Itau Beef 46

- High in bypass protein
- Ideal for mixing a Phase D diet
- Number of feed additives and organic minerals
- Animals should be well adapted before being put on this ration

A few popular mixing ratio's:

Itau Beef 46	Complete Beef Fattening (Dry roughage)	Complete Beef Fattening (Silage)	Phase D
Itau Beef 46	100	100	100
Maize meal	700	700	600
Lucerne	150	50	150
Silage	0	150	0
Lower grade roughage	50	50	100
Oilcake	0	0	50
Total	1000	1050	1000
Composition (g/kg):			
Protein (min)	133	122	152
Urea (max)	10	10	10
Protein ex NPN (max) (%)	21.49	23.93	18.72
Moisture (max)	109	200	108
Fibre	81	109	96
Ca	7	7	8
P	3	3	3

Animal Feeds



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683 Itau Beef 80

- Popular with the seasoned feedlot farmer
- Very economical with small inclusion rate
- Ensure good and complete adaption before giving this feed to cattle

Itau Beef 80	Complete Beef Fattening (Dry roughage)	Complete Beef Fattening (Silage)	Complete Beef Fattening (Higher natural protein)
Itau Beef 80	50	50	50
Maize meal	725	700	700
Lucerne	50	50	50
Silage	0	200	0
Lower grade roughage	150	0	100
Feed lime	25	25	25
Oilcake	0	0	50
Total	1000	1025	975
Composition (g/kg):			
Protein (min)	120	118	137
Urea (max)	12	13	12
Protein ex NPN (max) (%)	28.54	31.08	25.65
Moisture (max)	108	232	105
Fibre	83	109	78
Ca	11	12	11
P	2	2	2

WARNING

- When changing from an NPN-free ration to a ration containing NPN, it is suggested that the two feeds are mixed in a 50/50 ratio for 4 to 6 days.
- Protect this feed against rain. NPN is very soluble and animals that drink such a solution might be poisoned.
- Do not feed this feed indiscriminately with other NPN containing farm feeds. Consult an Animal Nutritionist.
- Vinegar is an effective remedy against NPN poisoning. Mix with an equal amount of water and dose half a bottle per calf or large sheep or between 2 to 4 bottles per head of cattle (1 bottle = 750ml).

A few useful rules of thumb:

- Cattle should eat approximately 3.5% of their body weight per day in dry matter
- When silage is fed, the inclusion weight should be divided by three to determine the dry matter fraction thereof
- Ample clean, cool drinking water is essential for rounding cattle economically
- Animals need to be adapted as follows when they enter the feedlot:

Day	Roughage additional	Concentrated feed*
0	Full stomach	0
1-2	80%	20%
3-4	60%	40%
5-6	40%	60%
7-8	20%	80%
Thereafter	0%	100%

*With Concentrated feed, TMR (Total Mixed Ration) is meant as described in this brochure

For any specific ration formulation with raw materials available on the farm, contact **Itau Animal Feeds' Technical Department.**

