



Knowledge grows

KIMTRAPRO 20

Phosphate-salt-trace mineral and protein supplement for ruminants V32853

Sales specification

Product Properties	Typical Analysis
Protein	20 % (min)
% from Urea	100 % (max)
Total Phosphorus (P)	4 % (min)
Calcium	8 % (max)
Magnesium	1 % (min)
Copper	150 mg/kg
Manganese	600 mg/kg
Zinc	600 mg/kg
Iodine	15 mg/kg
Cobalt	3 mg/kg
Selenium	3 mg/kg

Physical Properties	
Appearance	Light to dark brown granules
Chemical solubility and biological availability	Good

Identification

Chemical Substances
Mono dicalcium Phosphate
Condensed feed molasses solubles
Salt
Trace minerals
Feed Lime
Feed Grade Urea

Synonyms:
P4, Transition lick

Description

KIMTRAPRO 20 is a ready mixed phosphate-salt-trace mineral and protein supplement, which contains essential trace minerals in the correct ratio to phosphorus as well as protein in the form of urea.

KIMTRAPRO 20 is produced by blending mono dicalcium phosphate, feed molasses, salt, feed lime, specific amounts of trace minerals and urea.

Undesirable Elements	Act 36/1947	KIMTRAPRO 20 Values
Fluorine (F)	Max 0.05g/kg	Max 0.05 g/kg
Cadmium (Cd)	Max 6 mg/kg	Max 4 mg/kg
Aluminum (Al)	Max 20 mg/kg	Max 20 mg/kg



Nutritive value

KIMTRAPRO 20 is produced from a high quality mono dicalcium phosphate (MDCP) and has a high phosphorous bioavailability.

KIMTRAPRO 20 contains 20 % protein in the form of urea to supply additional protein to grazing animals when the quality of the grass is not optimal and protein content is low.

Recommended use / application

KIMTRAPRO 20 is a ready mixed product for use as a supplement for cattle, sheep and goats on green (rainy season) grazing or with good quality hay. KIMTRAPRO 20 can also be supplemented throughout the year in phosphorus deficient areas and areas where additional protein is needed.

KIMTRAPRO 20 can also be used as a transition lick during late summer/autumn to supply animals with additional protein.

Transport and transport regulations

KIMTRAPRO 20 is non toxic and not classified as hazardous under transport regulations.

Detailed Safety Data Sheets are available on request from local agents or the manufacturer.



Quality check references

Total Phosphorus	AOAC Official Method of Analysis, 1990, 15th Ed. AOAC Method 957.02 B9e.
Phosphorus solubility: In 2% citric acid	Methods of the Fertilizer Chemists’ Liaison Committee, South Africa Method No. Fd-03: 1991 AOAC 958.01, or 969.02C or 962.02C. Directive 77/535/EEC, method 3.1.3)
In alk amm citrate	Petermann method: 65°C (Directive 77/535/EEC, method 3.1.5)
Total calcium	AOAC Official Methods of Analysis, 15th Ed. 945.03 Ca (Acid-Soluble) in Fertilizers Titrimetric Method I Final Action
pH	1% solution
Moisture (free moisture)	(AOAC) Official Methods of Analysis, 1990, 15th Ed. 965.08 Vacuum-Desiccation Methods First Action 1965 – Final Action 1974.
Undesirable elements	AOAC Official Methods of Analysis, 15th Ed., Cd, 974.27, As, 957.22.

Classification, labelling and packaging

KIMTRAPRO 20 is packed in 25 and 50 kg woven polypropylene (WPP) bags with a polyethylene inner liner.

Handling and storage

KIMTRAPRO 20 must be stored under cover in a cool dry place to ensure a shelf life of at least 3 years.

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The information above is intended to serve as guidelines and does Not constitute a guarantee. We reserve the right to make changes. Valid from: 2015-10-01. Replaces all previous data sheets. English

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