



Knowledge grows

PHOSPRO 17

Phosphate-salt-trace mineral and protein supplement (V24441)

Sales specification

Product Properties	Typical Analysis
Protein	17 % (min)
% from Urea	100 % (max)
Total Phosphorus (P)	6 % (min)
Calcium	12 % (max)
Copper	300 mg/kg
Manganese	1200 mg/kg
Zinc	1200 mg/kg
Iodine	15 mg/kg
Cobalt	3 mg/kg
Selenium	8 mg/kg

Physical Properties	
Appearance	Light brown fine powder
Chemical solubility and biological availability	Good

Undesirable Elements	Act 36/1947	PHOSPRO 17 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

Identification

Chemical Substances

Mono dicalcium Phosphate
 Condensed molasses solubles
 Salt
 Trace minerals
 Feed Lime
 Urea

Synonyms:

P6, Transition lick

Description

PHOSPRO 17 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.

PHOSPRO 17 is produced by blending mono dicalcium phosphate, a spray dried molasses by-product, salt, feed lime, specific amounts of trace minerals and urea. The molasses by-product improves palatability and ensures water resistance.



Nutritive value

PHOSPRO 17 is produced from a high quality mono dicalcium phosphate (MDCP). Reputable independent research institutes regularly evaluate the digestibility of this MDCP in monogastric species.

Trial results consistently demonstrate that the MDCP in PHOSPRO 17 has a high bioavailability, comparable with the top of the range inorganic feed phosphates. Trial reports and digestibility coefficients are available on request.

Recommended use / application

PHOSPRO 17 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. PHOSPRO 17 can also be supplemented throughout the year in phosphorus deficient areas and areas where additional protein is needed.

PHOSPRO 17 can also be used as a transition lick during late summer/autumn to supply animals with additional protein.

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

PHOSPRO 17 is packed in 50kg woven polypropylene (WPP) bags with a polyethylene inner liner.

Handling and storage

PHOSPRO 17 must be stored under cover in a cool dry place to ensure a shelf life of at least 2 years.

Transport and transport regulations

PHOSPRO 17 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.



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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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