



Knowledge grows

PHOSSURE 6

Weather resistant Phosphate-salt-trace mineral supplement (V11350)

Sales specification

Product Properties	Typical Analysis
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

Identification

Chemical Substances

Mono dicalcium Phosphate
 Condensed molasses solubles
 Salt
 Trace minerals
 Feed Lime

Synonyms:

P6, Wet season phosphate concentrate

Description

PHOSSURE 6 is a ready mixed phosphate-salt-trace mineral supplement, which contains essential trace minerals in the correct ratio to phosphorus.

PHOSSURE 6 is produced by blending mono dicalcium phosphate, spray dried molasses by-product, salt, feed lime and specific amounts of trace minerals. The spray dried molasses by-product improves palatability and ensures water resistance.

Undesirable Elements	Act 36/1947	PHOSSURE 6 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

PHOSSURE 6 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 PHOSSURE 6 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

PHOSSURE 6 is a ready mixed product for use as a supplement for cattle, sheep, goat, game and horses on good quality (rainy season) grazing or with good quality hay. PHOSSURE 6 can also be supplemented throughout the year in phosphorus deficient areas.

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

PHOSSURE 6 is packed in 50kg woven polypropylene (WPP) bags with a polyethylene inner liner.

Handling and storage

PHOSSURE 6 must be stored under cover in a cool dry place to ensure a shelf life of at least 2 years.

Transport and transport regulations

PHOSSURE 6 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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