



Knowledge grows

# KIMTRAFOS 6 GRANDÉ

Phosphate-salt-trace mineral supplement (V23311)

## Sales specification

Product Properties	Typical Analysis
Total Phosphorus (P)	6 % (min)
Calcium	12 % (max)
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 brown granules
Chemical solubility and biological availability	Good

Undesirable Elements	Act 36/1947	KIMTRAFOS 6 GRANDÉ 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 20mg/kg

## Identification

### Chemical Substances

Monocalcium Phosphate  
Molasses  
Salt  
Trace minerals  
Feed Lime

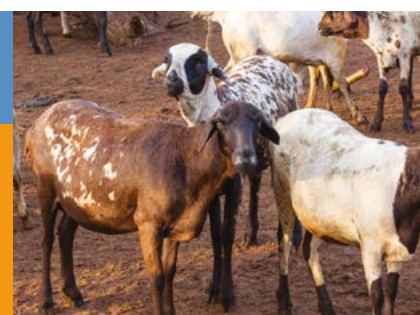
### Synonyms:

P6, Wet season phosphate concentrate

## Description

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

KIMTRAFOS 6 GRANDÉ is produced by blending Kimtrafos 12 Grande (produced by blending Monocalcium phosphate (MDCP) with molasses by-products, calcium carbonate and specific amounts of trace minerals) with salt and molasses.



## Nutritive value

KIMTRAFOS 6 GRANDÉ 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 KIMTRAFOS 6 GRANDÉ 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

KIMTRAFOS 6 GRANDÉ 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. KIMTRAFOS 6 GRANDÉ can also be supplemented throughout the year in phosphorus deficient areas.



## Quality check references

<b>Total Phosphorus</b>	AOAC Official Method of Analysis, 1990, 15th Ed. AOAC Method 957.02 B9e.
<b>Phosphorus solubility: In 2% citric acid</b>	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)
<b>In alk amm citrate</b>	Petermann method: 65oC (Directive 77/535/EEC, method 3.1.5)
<b>Total calcium</b>	AOAC Official Methods of Analysis, 15th Ed. 945.03 Ca (Acid-Soluble) in Fertilizers Titrimetric Method I Final Action
<b>pH</b>	1% solution
<b>Moisture (free moisture)</b>	(AOAC) Official Methods of Analysis, 1990, 15th Ed. 965.08 Vacuum-Desiccation Methods First Action 1965 – Final Action 1974.
<b>Undesirable elements</b>	AOAC Official Methods of Analysis, 15th Ed., Cd, 974.27, As, 957.22.

## Classification, labelling and packaging

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

## Handling and storage

KIMTRAFOS 6 GRANDÉ must be stored under cover in a dry place to ensure a shelf life of at least 3 years.

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

## Transport and transport regulation

KIMTRAFOS 6 GRANDÉ is nontoxic and not classified as hazardous under transport regulations.

Yara Animal Nutrition

[www.yara.com/animal-nutrition](http://www.yara.com/animal-nutrition)  
[animalnutrition.sa@yara.com](mailto:animalnutrition.sa@yara.com)

*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*

Version01/2016

