



Better soils. Better crops. Better stock.™

# Superb™ BAP

(0 – 13 – 0 – 1)

Biologically Activated Phosphate

## Typical Analysis (Dry Weight):

Component	Level	Unit
<b>Total Phosphorus</b>	<b>13</b>	<b>%</b>
Phosphorus – Citric Acid Soluble	4.8	%
Phosphorus – Formic Acid Soluble	8.4	%
Calcium as phosphate	36	%
Sulphur (in crystal structure)	1.3	%
Cadmium [Maximum]	20	mg/kg
Cadmium [Maximum]	154	mg/kg P
Cadmium [Maximum Allowed Limit]	300	mg/kg P
Fluorine	3.8	%
Fluorine	300	g/kg P

**Application:** Apply using a belt spreader. Risk of blow under windy conditions

**Application Rate:** Will depend on soil testing and/or advice from BioAg Ltd advisors. A typical application may be between 100 and 500 kg/ha.

**Compatibility:** Can be easily mixed with lime, dolomite and/or gypsum.

**Physical Description:** Dark grey to black grains, with a slight sweet smell and with the following particle size (typical analysis):

< 0.25 mm	52	%
0.25 mm to 0.50 mm	35	%
0.50 mm to 1.0 mm	12	%
1.0 mm to 2.0 mm	1	%

**Storage and Handling:** No special storage requirements.

**Additional Information:** Refer to your BioAg Ltd advisor, the BioAg Ltd website ([www.bioag.co.nz](http://www.bioag.co.nz)) or the SDS.

## Warning Statements:

- Do not swallow. The dust from this product may act as an irritant. Avoid inhalation and contact with the eyes and skin.
- This product contains heavy metal impurities. Its use may lead to an accumulation of cadmium in the soil. Depending on soil characteristics, irrigation water quality, plant species and variety, crop uptake of cadmium may exceed the maximum limits allowed in FSANZ Food Standards Code. In pastures, the offal from grazing animals may also exceed these limits.
- This product contains fluorine as an impurity. Do not feed this product to livestock or use in stock feed mixtures. If top dressing pastures do not graze for 3 weeks or until rain or irrigation is received.
- Users are encouraged to seek further advice

**Distributed by: BioAg Ltd | Unit 3, 18 Dunlop Rd | Onekawa Napier | 06 842 0667**

**Manufactured by: BioAg Pty Ltd | 22 Twynam St | Narrandera NSW | Australia**

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*This label complies with the AUS Fertiliser Industry Code of Practice for Fertiliser Description and Labelling*

Issued: 19 – 08 – 2014 Version: 1.2

# Superb™ BAP



## Nutrient Analysis

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### Typical analysis of Algerian BAP marketed as Superb® BAP in New Zealand

Nutrient	Unit	Level
Nitrogen	%	< 0.1
Total Phosphorus	%	13.0
Phosphorus – Water Soluble	%	< 1.0
Phosphorus – 2% Citric Acid Soluble	%	4.8
Phosphorus – 2% Formic Acid Soluble	%	8.4
Phosphorus - BioAvailable	%	13.0
Potassium	%	0.1
Sulphur	%	1.3
Carbon	%	0.3
Calcium	%	36
Magnesium	%	0.6
Sodium	%	1.0
Copper	mg/kg	8.8
Zinc	mg/kg	130
Manganese	mg/kg	18
Iron	mg/kg	3,400
Boron	mg/kg	52
Molybdenum	mg/kg	2.8
Cobalt	mg/kg	0.68
Silicon	mg/kg	8,060
Aluminium	mg/kg	2,020
Selenium	mg/kg	66
Cadmium	mg/kg	3.7
Lead	mg/kg	3.5
Arsenic	mg/kg	8.5
Chromium	mg/kg	200
Nickel	mg/kg	16
Mercury	mg/kg	< 0.2
Total Carbon	%	17
Total Organic Carbon	%	0.4
Total Solids	%	96.3
Moisture	%	3.9

Based on Algerian Reactive Phosphate Rock Stock (2014).

Analysis performed by National Measurement Institute (Cth) and Incitec Pivot Ltd

Issued: 11-11-2014

Created by: Peter R Stoneman (Technical Services Manager)

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