



SOFTrockphos

SOFTrockphos is an Australian source of apatite derived phosphorus. It is uniquely formulated with a range of nutrients to replenish soil and enhance a plant's ability to produce and store energy, as well as attract and store the ionic minerals and nutrients it needs for growth and production.

Most Australian soils are naturally low in phosphorus and unsuitable for sustained crop and pasture production. To achieve maximum returns, growers need to apply phosphorus fertilisers to achieve productive yields.

SOFTrockphos is a silicon material that increases the soil's cation exchange capacity, enabling the soil to hold more positively charged nutrients like; calcium, potassium, magnesium and trace elements. This igneous calcium phosphate rock has high levels of minerals containing phosphate and is also referred to as rock phosphate or phosphate rock.



Sustainable source of Phosphate



Low in heavy metal contaminants



Soil can hold more positively charged nutrients



Source of carbon for improved plant energy



Why do plants need Phosphorus?

Phosphorus (P) is one of the 17 essential chemical elements required for plants. Phosphorus is used to capture the sun's energy and convert it to useful plant compounds, therefore it is essential for normal growth and development.

Phosphorus:

- Transfers energy from sunlight to plants
- Stimulates root development
- Improves crop quality
- Improves seed production
- Enhances earlier crop maturity
- Assists development throughout entire life cycle

Benefits of SOFTrockphos

- High in phosphorus 16%
- High in calcium 33%
- Exceptional trace element levels
- Long lasting - controlled release
- Low in heavy metal contaminants - extremely low in cadmium less than 0.5ppm
- Additional nutrients may be added to suit your crop or soil or may be added to compost, fertiliser blends or seed mixes
- Belt spreads onto soils in agriculture and horticulture
- Cost effective – offers an affordable alternative to expensive inorganic phosphates
- Remains in soil – stays in the soil until used by the plants without leaching supporting soil bacteria and earthworms.

Application Rates

- Apply with a belt-spreader unit
- Refer to your soil analysis and crop nutrient demand table for a suitable application rate

Grade & Packaging

- MS100 Ultra fine <1mm - Bulk only



SOFTrockphos - Typical Analysis

Nutrient	%/ppm	Value
Nitrogen	%	0.2
Phosphorus	%	16
Potassium	%	0.09
Sulphur	%	0.5
Calcium	%	33
Magnesium	%	0.25
Carbon	%	0.07
Boron	ppm	2
Cobalt	ppm	2.7
Copper	ppm	2
Manganese	ppm	409
Molybdenum	ppm	0.2
Selenium	ppm	5
Silicon	ppm	2549
Zinc	ppm	2.5

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