



MANTISSA
SMARTER NUTRITION

MarineFos

100% Natural Phosphate Fertiliser & Soil Conditioner

TYPICAL ANALYSIS

P	9%	Organic Carbon	10%
Citric Soluble P	40-45%	Al Oxide	10%
Calcium	30%	Ferric Oxide	4%
Silica	10%	Sulphur	0.3%
Other Minerals	25%	Magnesium	3200 ppm
pH	8.2	Potassium	370 ppm
Moisture	4%	Molybdenum	10 ppm

MarineFos is available as a 100 mesh powder or 2 - 5 mm granulated product in 25kg pe bags and 500kg bulk bags. It has no odour and is easy to store in a cool dry place. It is high in Microbial activity and low in Cadmium (<8ppm), Lead (<10ppm) and Mercury (<0.04ppm), Fluorine 0.13%



BENEFITS

MarineFos is a 100% natural product, allowed as an input for organic farming, high in available phosphate resulting in minimal P fixation (leaching). It has a moderate release rate of P ideally suited to most plant uptake requirements and can help with the uptake of nitrogen fertilisers. **MarineFos** also provides Calcium, Silica and other important micronutrients at the same time acting as a soil conditioner; adding organic matter, reducing soil acidity and improving soil structure, nutrient holding and water capacity. **MarineFos** blends well with natural and chemical fertilisers and is absorbed at temperatures as low as 4° Celsius.

MarineFos

- Natural Phosphate Rock type product with very high proportion of “available P”, up to 45% citric soluble. Sustained release of plant available P.
- 9% P content like Super P.

*Super type P products produce an acidic reaction with the soil, a proportion of the P content will become immobilised or “Locked Up” affecting up to 80% of the applied P depending on soil mineral content and pH. **MarineFos** has an alkaline reaction with the soil so the applied P is not “Locked Up”.*

- BioGro Permitted use (registered 2594 input - Mantissa)

Can be used in Certified Organic Agriculture and Horticulture as a permitted input.

- Organic Carbon 8.6% - 12.0%

Soil conditioning effect beneficial in low organic and low CEC soils.

- Magnesium content of 0.32%
- Very low Cadmium content of less than 8ppm.
- Alkaline fertiliser with liming effect.
- No risk of dissolved P in surface run-off contaminating waterways.

Safe for use in Riparian zones.

- May be blended with other fertiliser products.