



MarineFos is available from:

MarineFos®

Natural Phosphate Fertiliser

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 is available as a 100 mesh powder or 2 - 5 mm granulated product in 25kg pe bags, and 500kg and 1000kg 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) Mercury (<0.04ppm) Fluorine 0.13%



2594



MANTISSA
SMARTER NUTRITION

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Product features:

- ◆ Natural phosphate fertiliser product with a very high proportion of 'available P', up to 45% citric soluble with similar effectiveness compared to superphosphate after 3-4 months but with additional sustained release of plant available P
- ◆ Total P content 9%, similar to superphosphate, available P (citric p) 50% higher than RPR
- ◆ High in silica
- ◆ Organic carbon content (8.6%) acts as a soil conditioner, beneficial in low organic matter or low CEC soils. **MarineFos** contains unique forms of organic P that stimulate the activity of soil microbes
- ◆ Magnesium content (0.3%) useful in both agricultural and horticultural applications
- ◆ May be blended with many other fertiliser products
- ◆ Very low cadmium content (<8 ppm)
- ◆ No risk of dissolved P in surface run-off contaminating waterways, safe for use in riparian zones
- ◆ Suitable for application to pastures, arable crops and all horticultural crops
- ◆ Alkaline fertiliser with slight liming effect
- ◆ Certified organic product (BioGro 2594)

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Typical analysis:

P	9%
Citric Soluble P	40 - 45%
Calcium	30%
Silica	10%
Other Minerals	25%
Organic Carbon	10%
Al Oxide	6 - 10%
Ferric Oxide	4%
Sulphur	0.4%
Magnesium	3200 ppm
Potassium	370 ppm
Molybdenum	10 ppm
pH	8.2
Moisture	4%

Very low in heavy metals

Comparison with other Phosphate Fertilisers

	Total P%	Total Citric P% 'Immediately Available'	Rate for 15kg P/ha	Organic	Additional slow	Other Elements	Soil Reaction
Super	9-10	8.5 (90% of P)	185 kg/ha	No	No	Ca, S	Acidic
Dicalcic P	6	5 (85% of P)	294 kg/ha	No	No	Ca, S	Neutral
RPR	13	3.9 (30% of P)	384 kg/ha	Yes	Yes	Ca	Alkaline
MarineFos	9	4.0 (45% of P)	375 kg/ha	Yes	Yes	Ca, C	Alkaline