

Controlled release fertiliser / soil amendment

FertAg 0-7-0

Environmentally friendly 2 in 1 soil conditioner and controlled release granular fertiliser for acid soils with calcium, magnesium, silicon, phosphorus and trace elements

Contents

0-7-0 containing 95% plant available forms of P, Ca, Mg, Si and micronutrients

7	% P	Phosphorous
18	% Ca	Calcium
9	% Mg	Magnesium
12	% Si	Silicon

Very low in heavy metals, acid soluble, breaks down in water to grit which is water insoluble.

Physiochemical properties

Appearance	grey granule
Bulk density	approx 1.3 kg/L
Particle size	2-5 mm (90% min)



Description

FertAg 0-7-0 is a fused calcium, magnesium silicate phosphate that provides 95% plant available nutrients in a controlled slow release in acid soils.

FertAg 0-7-0 assists in increasing pH to a sustainable level, working with natural soil chemistry in acid soils, reducing effects of high Al and Fe and increasing soil CEC for a healthier and more balanced soil.

FertAg 0-7-0 is acid soluble so does not leach nor wash away and therefore is easily spread without lumping.

Key Benefits

- Slow controlled release effect
- Granules ideal for combines and mixing with N and K other fertilizers
- Easily spread and broadcasts up to 15m a side
- Can help remediate sodic soils
- Improved insect and fungal protection by plants through silicate enhanced plant tissue
- Calcium and silicon improves quality and shelf life of fruit and vegetables
- Silicates help plant develop stronger stems to reduce lodging in grain crops

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Recommendations for use

FertAg 0-7-0 needs to be kept dry and spread in conventional spreaders / combine seeders. Because the product is acid soluble rates should be taken as a guide and finalised after reviewing soil test results. FertAg 0-7-0 can be applied next to seed or plant roots. FertAg 0-7-0 can be mixed with other granular fertilisers to include N and/or K.

Situation	Rates (kg/ha)
Horticulture Vegetable crops	400-600kg/ha.;2 month preplant (carrots etc) ; 2 weeks preplant (brassicas)
Fruit trees	500-700kg/ha ; 1-2 month preplant (potatoe) 300-700kg/ha : pruning 300kg/ha every 6 months
Bananas	400-700kg/Ha :at bed prep, then 400kg/ha every 6 months
Sugar Cane	400-750kg/ha plant cane (apply12w preplant) 500kg/ha dryland , 750 kg/ha irrigated 400kg/ha ratoon (after harvest) do not band
Summer legumes (soybeans, peanuts)	300-400kg/ha 3months preplant
Winter legumes (chick peas, Lupins,peas)	300-400kg/ha preplant higher rate irrigation
Winter grains (wheat, barley)	200-400kg/ha preplant higher rate irrigation
Cotton, Maize and Sorghum	300-600kg/ha preplant 8 weeks higher rate irrigation
Perennial legumes (lucerne)	200-300kg/ha 2-3 applications per annum
Native and Improved grazing pastures	200-300kg/ha broadcast once per annum higher rate ryegrass

Precautions:

Avoid contact eyes, breathing dust. Refer SDS.