

MaxSil™

ESSENTIAL FOR MODERN AGRICULTURE



Increase yield - Save on fertiliser costs- protect against salinity

MaxSil™

The revolutionary new silicon fertiliser
and extender from Silicon Fertilisers Pty Ltd

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MaxSil™ INCREASES YIELDS

The issue of inadequate soluble silicon levels in Australian soils has not been addressed until recent times. For example, a CSIRO study into the effects of silicon deficiency on sugar cane showed the problem is real and considerable and can affect most crops. The use of MaxSil™ to increase plant available silicon has demonstrated significant and cost effective yield improvements across a range of crops such as corn, wheat, tomato, strawberries, poppy, onions, potatoes and brussel sprouts. MaxSil™ is certified by the BFA as an allowed input for Organic Farming systems.

MaxSil™ IS COST EFFECTIVE

The major stumbling block to correcting silicon deficiency has been the lack of a cost effective source of soluble (plant available) silicon material. The few imported materials available are extremely expensive and generally have elevated pH, requiring care in handling and application. Other “cheaper” materials such as diatomite and rock dust generally require up to ten times the application rate of MaxSil™ and are therefore not cost effective. Our new and innovative soluble silicon material has been developed in Australia from Australian materials as a cost effective solution for silicon deficiency. It is produced in both powder and granular form for easy application.

MaxSil™ FOR BROAD ACRE AND HORTICULTURE

Qualified field trials have demonstrated increased yield in a range of crops including wheat, corn, tomato, strawberries, poppy, onions, potatoes and brussel sprouts. Increased nutrient uptake is facilitated by MaxSil™ which in turn provides for higher yields. In some cases, the net benefit from a 50 – 100 kg per hectare application has exceeded more than ten times the cost of the input. Notwithstanding the potential for yield increase, the effects of good levels of soluble silicon being available to a plant include an increased resistance to pests and disease, and a greater tolerance to soil salinity.

MaxSil™ REQUIRES LOW DOSE RATES

Field trials using MaxSil™ by qualified agronomists have been conducted with beans, sweet corn, potatoes (and seed potato), poppy, onions, brussel sprouts and wheat, amongst others. The trials proved that low dose rates of between 20kg to 100kg per hectare (one application) dramatically increased yield. In the case of wheat, the NPK inputs were halved, and in conjunction with a 20kg per hectare application of MaxSil™ provided a net benefit whilst meeting new stringent environmental requirements that govern phosphate inputs for agriculture.

MaxSil™ increases plant nutrient uptake. 10% MaxSil™ can replace up to 20% of NPK inputs. You save and the environment benefits. In addition to yield increase, MaxSil™ can reduce crop losses to pests and disease and increase resistance to saline soil conditions. MaxSil™ is available in 15kg sacks and one tonne bulk bags.

Our innovative MaxSil™ product is the subject of Australian and overseas patents.

It is manufactured by

Silicon Fertilisers Pty Ltd, 9 Holt Drive, Toowoomba Qld 4350.

