



INNOVATIVE and AUSTRALIAN

AUTO-FERT K Si

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AUTO-FERT K Si can be used on all varieties of turf grass.



AUTO-FERT K Si is a specifically formulated blend of Silica and Potassium to provide a strong hard wearing turf grass sward.

ANALYSIS

20% Silica (SiO_2)

8.3% Potassium (K) as Potassium Silicate

AUTO-FERT K Si will help to provide a wear tolerant playing surface. Wear tolerance is related to the polymerization of silicon and formation of thickened silica-cellulose membrane which provides a double cuticle layer.

Silica is a natural activator of plant disease resistance. **AUTO-FERT K Si** will help to stimulate chitinase activity and rapid activation of phenolic compounds and antioxidants. The compounds are responsible for mitigating the severity of plant pathogen infections.

Applications of **AUTO-FERT K Si** will help to improve the colour of turf grass. The greening effect is related to an increase in leaf chlorophyll content.

Under conditions of low soil moisture and or extreme temperature conditions **AUTO-FERT K Si** will help to increase antioxidant production and photosynthetic activity. These factors will increase the turf grass ability to handle extreme environmental stresses.

The sodium concentration in turf grass can be diminished with applications of **AUTO-FERT K Si**. **AUTO-FERT K Si** has the ability bind, impair or redistribute heavy metal concentrations throughout the leaf. Suppression of Al, Mn and Na can be mediated by the uptake of other nutrients such as P, Mg, K, Fe, Cu and Zn.



PACK SIZE:

Available in 20 L containers.

For more information about AUTO-FERT K Si or other BARMAC products visit www.barmac.com.au or one of our distributors.

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Autofert K Si B0108 V1



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DIRECTIONS FOR USE:

TURF: Apply 3-5 litres of Barmac **AUTO-FERT K Si**, per hectare (30ml – 50ml per 100m²) in 1500 litres of water. A single application at renovation or early in the growing season will increase cell wall strength, disease resistance and green speed. An application at early seed germination when over seeding will reduce damage caused by play and moving. **DO NOT** exceed 3 applications per year.