

# TourTurf® StandUp & Poa Buster

Potassium Silicate formulated to make your grass stand up straight & to reduce Poa Seed Heads - 6% Silica (Si) + 15% Soluble Potash (K2O)



## Key Benefits:

- Si supplied in a readily absorbable form for the plant
- Increase in wear tolerance
- Suitable for high traffic areas to promote growth
- Disease resistance as part of IDM program
- Uniform cutting height
- Stands up grass to aid removal of Poa Annu seed heads when mowing.
- Increased cell wall strength
- Faster green speeds

## Liquid Silicate (Si) 6% combined with Potassium (K2O)

Research from as far back as the 1920's has shown the benefits of Silicate as a supplement on both disease resistance and growth of agricultural crops. Its use with crops such as rice is now common place with clearly measurable increases in yield and quality seen. The same benefits can be found when Silicate is applied to turf grass. In fact grasses have a far higher capacity to take in Si than broad leaf plants.

Silicate is very common within most soils but is mainly found in the form of aluminium and iron silicates which are highly insoluble and therefore not available to the plant. Stand Up contains a highly soluble form of Potassium Silicate, which the plant can readily take up through the roots and move to the leaves through the xylem.

## Silicate and Cell Wall Structure

Silicate is stored in the outer cells of the plant tissue, the epidermal cells, where they are concentrated around sites of high transpiration. The silicate strengthens the cell walls and gives rise to two of the main benefits of Silicate application; increased disease resistance and more erect leaf growth.

## Disease Resistance

The stronger Si enhanced cell wall provides a physical barrier to disease causing pathogens and prevents them from entering the leaf. Research has shown increased resistance to leaf spot, dollar spot and brown patch.

## Wear and Green Speed

The stronger more erect leaf and stem growth promoted by Silicate application gives the turf an increase wear tolerance. Also as it stands up the leaf blade more vertically it gives a 'cleaner' cut when mowing. This can increase green speed and visual aesthetics of the turf.

## Application Details

	StandUp	Water Volume	Area
Fine turf	10 litres	Min 500 litres	1 Ha

The product may be used at any time of the year providing the turf surface is dry and rainfall is not imminent.

May be applied every 2 weeks throughout the season. For tournament preparation, apply 2 to 4 days before start date for maximum results. No watering in required.

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