

Tuff Turf™ 1-0-14+micro+Si

Foliar Specialty Product

Tuff Turf™ provides increased green speed, turf blade hardening and rigidity, color, quick ball mark recovery, and cold weather tolerance.

THE BENEFITS OF TUFF TURF™

- **Tru-Foliar:** Tuff Turf™ is designed to be foliar applied and completely foliar absorbed while it is drying on the target plant.
- **Tuff Turf™** contains high levels of quickly available Potassium, which can be quickly absorbed by the plant tissue and is very effective when applied as a foliar.
- Benefits of high Potassium levels in turfgrass plants are well documented and include enhanced resistance to disease and stress.
- **Tuff Turf™** contains Silicon

Facts known about Silicon that should be of importance to those who manage fine turfgrass for a living include:

- Silicon has not been proven to be an essential mineral element for higher plants. It is however, well established as a beneficial element for the grasses.
- There is considerable structural rigidity of turf well supplied with Silicon. This is the primary reason for its use on putting greens. Structural rigidity may increase green speed without lowering cutting height.
- Application of high quality foliar fertilizers containing Silicon is an excellent way to increase the availability of silicate to plant tissue.
- **Tuff Turf™** also contains organic and amino acid based chelated micronutrients; Iron, Magnesium, and Manganese at high levels.
- **Tuff Turf™** is environmentally friendly: The organic base used in **Tuff Turf™** is used as a food source by both plants and microorganisms.
- Highly compatible: **Tuff Turf™** is compatible with most pesticides and herbicides on the market today, however, a jar test is still recommended.
- Safe: unlike most foliar potassium products on the market today with alkaline pH's, **Tuff Turf™ is acidic at 4.0.**
- **Tuff Turf™** represents the most advanced level of foliar applied technology: **Tuff Turf™** is a unique mix of proprietary technology that is unique and exclusive to all Grigg Brothers products. This technology is the result of 40 years of research by a world renowned plant nutritionist.

GUARANTEED ANALYSIS

Total Nitrogen (N)	1.0%
0.75% Nitrate Nitrogen	
0.25% Urea Nitrogen	
Soluble Potash (K ₂ O)	14.0%
Chelated Iron (Fe)	0.5%
Chelated Magnesium (Mg)	0.5%
Chelated Manganese (Mn)	0.5%
Silicon (Si)	0.05%

Derived from: Urea, Ammonium Nitrate, Potassium Hydroxide, Sodium Silicate, Iron, Magnesium and Manganese Glucoheptonates.

Foliar Application Rates

Add Grigg Brothers **Ultraplex™** to any Grigg Brothers foliar application at the rate of 3 fl oz per 1000 Ft². **Ultraplex™** contains micronutrients, biostimulants and **Intake™**, a non-ionic organic surfactant which decreases drop size and enhances wetting of the entire surface area of the plant.

IMPORTANT: For best results apply as a foliar spray early in the morning or late evening. Allow to dry on plant before irrigation. Apply with 1-2 gallons of water per 1000 Ft².

TURF GRASSES: Cool season, apply 3-6 fl oz **Tuff Turf™** per 1000 Ft². Warm season, apply 6-8 fl oz **Tuff Turf™** per 1000 Ft². Weekly or bi-weekly as needed.

OPTIONAL: To increase silicon analysis, add 1-3 fl oz per 1000 Ft². Grigg Brothers **Silicon Complex 7%™** to tank mix.

1 U.S. Gallon • Net Weight 10.50 lbs. • 3.78 Liters • 4.77 Kg. • Specific Gravity 1.31 • pH: 4.0