



**TOPDRESSING SANDS**

**TECHNICAL DATA**

**FEATURES AND BENEFITS**

Topdressing sands are graded to conform to exacting particle size specifications then screened to remove large particles which could dull mower blades or cause rough putting surfaces. The consistency and uniformity of these sands afford easy spreading and workability into greens and fairways. Topdressing sands are designed to manage air and water movement in both sand-based and native soil greens, and have proven effective in controlling thatch.

**PARTICLE SIZE ANALYSIS AND PROPERTIES**

Estimated mean values.

	<u>MESH</u> <u>(ASTM E-11)</u>	<u>TD 330</u> Fine Sand	<u>TD 320</u> Coarse Sand	<u>Utility 2</u> Coarse Sand
Typical Mean % Retained on Individual Sieves	10 (2.00 mm)	---	---	---
	20 (.850 mm)	0	4 – 12	4 – 12
	30 (.600 mm)	1 – 10	45 – 65	45 – 65
	40 (.425 mm)	8 – 30	25 – 30	25 – 30
	50 (.300 mm)	18 – 30	1 – 10	1 – 10
	70 (.212 mm)	12 – 26	0.1 – 5	0.1 – 5
	100 (.150 mm)	6 – 20	0.1 – 1	0.1 – 1
	140 (.106 mm)	4 – 12	0.1 – 0.3	0.1 – 0.3
	200 (.075 mm)	1 – 6	0.1 – 0.2	0.1 – 0.2
	270 (.053 mm)	0.1 – 2	0 – 0.1	0 – 0.1
Typical Moisture Content:		<0.50	<0.50	1 – 3%

Grain Shape:	Subangular
pH:	6.5-7.5 (Neutral)
Bulk Density (g/cm <sup>3</sup> ):	1.50 Mean Percent by Weight
Soluble Salts (mmhos/cm):	<0.1

CHEMICAL ANALYSIS		
Mean Values. These Do Not Represent A Specification		
		<u>TD 320/TD 330</u>
Silicon dioxide	(SiO <sub>2</sub> )	91 – 95
Iron oxide	(Fe <sub>2</sub> O <sub>3</sub> )	0.09 – 0.20
Aluminum oxide	(Al <sub>2</sub> O <sub>3</sub> )	2.5 – 4.5
Sodium oxide	(Na <sub>2</sub> O)	0.10 – 0.4
Loss on Ignition	(L.O.I.)	0.18 – 0.45

FOR SAMPLES OR MORE INFORMATION, PLEASE CALL 1-833-229-SAND (7263).

Shipping Point: **BYRON, CA**  
 Availability: **BULK ONLY**  
**TRUCK ONLY**

GRADE NUMBERS INDICATE RELATIVE OR RESULTS. THEY ARE NOT A SPECIFICATION OR WARRANTY OF PERFORMANCE.

**HEALTH HAZARD WARNING:** Prolonged inhalation of dust associated with the materials described in this data sheet can cause delayed lung injury including Silicosis, a progressive, disabling and sometimes fatal lung disease. IARC has determined that crystalline silica, inhaled from occupational sources, can cause cancer in humans. Risk of injury is dependent on the duration and level of exposure. Follow OSHA or other relevant safety and health standards for the form of crystalline silica called Quartz. Current material safety data sheets, containing safety information, are available and should be consulted before usage.