

GreenSun® Turf 80 plus Fe Mn



WITH "TRI-GREEN" TECHNOLOGY

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GUARANTEED ANALYSIS

Sulfur (S)	80.0%
80% Free Sulfur (S)	
Iron (Fe)	3.5%
Manganese (Mn)	1.5%
0.05% Water Soluble Manganese (Mn)	

Plant nutrients derived from elemental sulfur, iron oxide, and manganese oxide. Also contains nonplant food ingredient.

PRODUCT DESCRIPTION

GreenSun® Turf 80 plus Fe Mn is a degradable sulfur product in a granular form that can be used both as a source of plant nutrient sulfur and/or as a soil amendment for correction of problem alkali soils. "Tri-Green Technology" is a proprietary formulation which includes a wetting agent, a suspending agent and a swelling agent. **GreenSun® Turf 80 plus Fe Mn** in addition to having Tri-Green Technology is produced using CoreAgri's unique pastille manufacturing process. **GreenSun® Turf 80 plus Fe Mn** is formulated for to provide both iron and manganese in addition to sulfur. When sulfur is degraded by soil microbes, the finely divided iron and manganese oxide particles are exposed to sulfuric acid. The iron and manganese are transformed into plant available soil sulfates. Uniform distribution of finely divided iron and manganese particles provides optimum sites for plant root uptake.

PHYSICAL PROPERTIES

Total Elemental (S) per lb.	0.80 lbs	Density	76 lbs/ft ³
Iron (Fe)	0.035 lbs	Granule Size	SGN 275
Manganese	0.015 lbs	Angle of repose	29°
Sieve Analysis	-5, +14 mesh tyler		

GENERAL APPLICATION AND USE RECOMMENDATIONS

Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only to your lawn, and sweep any product that lands on the driveway, sidewalk, or street back onto your lawn.

Apply **GreenSun® Turf 80 plus Fe Mn** to dry turf, watering after each application will aid in dispersion of the granules. Apply **GreenSun® Turf 80 plus Fe Mn** in the spring or early fall on warm and cool season grasses. To minimize product pick-up, do not collect clippings if possible when first mowing after application. Established turf/lawns apply 4.0 lbs per 1,000 sq ft or use rates as determined by soil tests and avoid overlapping. Over application or misuse may cause damage to turf/lawn. To reduce Soil pH when greater than 6.5:

Greens and Tees: Apply **GreenSun® Turf 80 plus Fe Mn** in the spring or early fall until the desired soil pH is obtained. See table for recommendations. Two applications per year may be used in areas with longer growing seasons.

Fairways, lawns and other large turf areas: Apply **GreenSun® Turf 80 plus Fe Mn** in the spring or early fall on warm and cool season grasses. until the desired soil pH is obtained. See table for recommendations. Two applications per year may be used in areas with longer growing seasons.

On medium to heavy textured soils a maintenance application of 4 lbs per 1,000 sq ft (174 lbs per acre) may be used. Soil pH should be monitored on lawns, greens, tees and large turf areas when sulfur is being used to reduce pH.

The approximate amounts of **GreenSun® Turf 80 plus Fe Mn** Needed to increase the acidity of the 0 to 6 inch layer of a carbonate free soil.



Change in pH Desired	Pounds of GreenSun® Turf 80 plus Fe Mn per 1,000 sq ft		
	Sand	Loam	Clay
8.5 to 6.5	51	64	76
8.0 to 6.5	31	38	51
7.5 to 6.5	13	20	25
7.0 to 6.5	3	3.5	8

Note: For soils containing free calcium carbonate, substantially larger amounts of sulfur are required. Approximately 1,000 lbs of sulfur will neutralize 1 acre-inch of soil with free calcium carbonate

Above table generated from data from Western Fertilizer Handbook

HANDLING AND STORAGE

GreenSun® Turf 80 plus Fe Mn should be stored and blended (if applicable) in a well-ventilated location to minimize accumulation of dust. Always use stringent dust control procedures to prevent a concentration of flammable dust from reaching a spark or flame source. **GreenSun® Turf 80 plus Fe Mn** should not be blended or stored with strong oxidizing agents. Avoid inhalation of dust if possible. Avoid contact with skin and eyes. Wear proper protective equipment when handling. Dispose of used bags in accordance with local, state, and federal regulations.

KEEP OUT OF REACH OF CHILDREN

WARNING: This product contains substances known to the State of California to cause cancer, birth defects, or other reproductive harm.

WARRANTY: CoreAgri warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use; but neither this warranty nor any other warranty of merchantability or fitness of a particular product expressed or implied, extends to the use of this product contrary to label conditions, or under conditions not reasonably foreseeable to the seller; and buyer assumes the risk of any such use.

NOTICE: Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.regulatory-info-coreagri.com>



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NET WEIGHT: 50 POUNDS (22.68 KG)