

SUGROW Iron-50% Fe GRANULAR IRON SUCRATE

GENERAL

Granular SuGrow™ Iron (Fe~50%), a QC Corporation Diamond Brand® product, is an iron sucrate micronutrient produced using a patent pending reaction process. This process combines iron in a reducible form (oxide) with a reducing sugar to yield iron carboxylates (sucrate). Granular SuGrow™ Iron provides a non-staining, soil dispersible source of iron that is biologically available at a relatively high nutrient concentration. This patent pending process uses a granulation technology that produces uniform granules that are free-flowing, non-caking and wax coated to reduce dust. SuGrow™ Iron is available in particle sizes SGN 150 and SGN 230.

APPLICATIONS

SuGrow™ Iron is a non-staining iron micronutrient source for the Lawn and Garden, Turf Management, Agricultural and Commercial Fertilizer industries. SuGrow™ Iron is effective over a wide range of pH soil conditions.

PHYSICAL PROPERTIES

Appearance **Black, Free-Flowing
Dispersing Granules**

Bulk Density

SGN 150 (Greens Grade): 109 Lbs. / Cu. Ft.
SGN 230 (Coarse): 111 Lbs. / Cu. Ft.

Sieve Analysis

SGN 150 (Greens Grade): 96% -10 / +20 mesh
SGN 230 (Coarse): 96% -6 / +14 mesh

Sugrow™ Iron's low dust uniform granules will not cake and can be used for Bulk Blended Fertilizers or for direct application.

CHEMICAL PROPERTIES

Iron	≥ 50%
Water	< 5%

PACKAGING AND TRANSPORT MODES

- ◆ 50 Lb. Bags Palletized And Shrink Wrapped Via Truck Or Rail
- ◆ 2,000 To 3,000 Lb. Super-Sacks Via Truck Or Rail
- ◆ Bulk Via Truck Or Rail

TRACE MATERIALS (MAXIMUM PPM)

Shipping Point:	Cape Girardeau, MO
Arsenic	1.5
Cadmium	2
Chromium	65
Copper	55
Lead	10
Magnesium	3,500
Manganese	1,000
Nickel	15
Zinc	60

The manufacturer makes no representation or warranty, expressed or implied, and shall not be responsible for any injury to person or property resulting from the use, or misuse, of this material.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.wa.gov/agr/> or <http://www.qccorporation.com>



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