

Manganese Sulfate



Feed Additive and Plant Food

15258 040620

SUPPLEMENTS FOR MANUFACTURING ANIMAL FEED

GUARANTEED ANALYSIS

Manganese (Mn) 31.0% (min.)
Sulfur (S) 18.0% (min.)
Ingredients: manganese sulfate

DIRECTIONS FOR USE

Manganese Sulfate is designed to be mixed into a commercial feed. Do not feed direct. Consult your local State Agricultural Experiment Station or Extension Service for proper recommendations on the usage of this product.

FOR PLANT NUTRITION

GUARANTEED ANALYSIS

Sulfur (S) 18.0%
Manganese (Mn) 31.0%
Derived from manganese sulfate.

DIRECTIONS FOR USE

Manganese Sulfate is recommended for correction of manganese deficiency of citrus, corn, cotton, deciduous fruit and nut trees, beans and peas, onions, sugarbeets, small grains, etc.

APPLICATIONS: For agricultural use rates suitable for your geographical area or the maximum allowable non-nutrient application rates per acre, consult a trained soil specialist or contact your PCA.

Soil: Broadcast 20-60 lbs./acre preplant or at planting. For banded or side-dress applications, use 10-30 lbs./acre. For improved results, apply *Manganese Sulfate* in combination with at least 50 lbs./acre ammonium sulfate.

Per USDA National Organic Program

This product must not be used as an herbicide, defoliant or desiccant. Micro-nutrient deficiency must be documented by soil or tissue testing or other documented and verifiable method as approved by certifying agency.

Foliar: Apply to actively growing plants just before full leaf expansion for best results. Thorough coverage and wetting are needed for optimum results. Adjust application gallonage for equipment and/or crop coverage.

DO NOT apply to foliage when plants are suffering from moisture or heat stress.

DO NOT apply to deciduous tree crops during bloom.

Solutions of *Manganese Sulfate* may be prepared for dilute sprays according to nutritional need and the following ratios of product-to-diluent.

Nutritional Maintenance 1 lb./100 gals.
Mild Deficiency 1-2 lbs./100 gals.
Severe Deficiency 3 lbs./100 gals.

COMPATIBILITY: This product is compatible with most pesticides and liquid fertilizers. A compatibility test is recommended if the desired combination has not been previously used.

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

PRECAUTIONARY STATEMENTS

May cause eye and skin irritation. May be harmful if swallowed or inhaled. Avoid contact with skin, eyes or clothing. Avoid breathing dust. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

KEEP OUT OF REACH OF CHILDREN

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

FIRST AID

In case of contact, immediately rinse eyes or skin with water for at least 15 minutes. If irritation persists, seek medical attention. If inhaled, move person to fresh air. If not breathing, call 911 then give artificial respiration. If swallowed, have person sip a glass of water then seek medical attention. Do not induce vomiting unless told to by medical personnel. Do not give anything to an unconscious person.

STORAGE AND DISPOSAL

Store in a cool, dry area out of reach of children and animals. Do not reuse bag. If bag is damaged, place inside a plastic bag. Shovel spills into plastic bags and seal with tape. Dispose of in accordance with Federal, State and local regulations.

CONDITIONS OF SALE AND WARRANTY

Chemurgic Agricultural Chemicals, Inc. warrants that this product conforms to the chemical description on the label and is reasonably suited for the purposes stated when used as recommended under normal conditions.

Unintended consequences such as crop damage or poor performance may result from factors including, but not limited to, method of application, timing, crop and soil condition, weather, and other materials present, all of which are beyond the control of *Chemurgic Agricultural Chemicals, Inc.* and Seller.

Chemurgic Agricultural Chemicals, Inc. neither makes, nor authorizes any agent or representative to make any other warranties, expressed or implied, including fitness or merchantability.

Buyer and user acknowledge and assume all risks and liability resulting from the handling, storage and use of this material.

In no case shall *Chemurgic Agricultural Chemicals, Inc.* or the Seller be liable for consequential, special, indirect, or incidental damages or losses resulting from the handling or use of this product.

The foregoing is a condition of sale by *Chemurgic Agricultural Chemicals, Inc.* and is accepted as such by the Buyer.



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NET WEIGHT: 50 LBS (22.68 KG)