



# AVENTINE®

## Starter Fertilizer Enrichment

### Grade 4-0-5 GUARANTEED ANALYSIS

Total Nitrogen (N) .....	4.0%
2.0% Ammoniacal Nitrogen	
2.0% Other Water Soluble Nitrogen	
Soluble Potash (K <sub>2</sub> O) .....	5.0%
Sulfur (S) .....	3.0%
3.0% Combined Sulfur (S)	
Boron (B) .....	0.5%
0.5% Water Soluble Boron (B)	
Manganese (Mn) .....	1.0%
1.0% Chelated Manganese (Mn)	
Zinc (Zn) .....	4.5%
4.5% Chelated Zinc (Zn)	

Derived from potassium thiosulfate, manganese EDTA, zinc EDTA, boric acid, and aqua ammonia.

Chelated with ethylenediaminetetraacetic acid.

## CAUTION KEEP OUT OF REACH OF CHILDREN

**Warning:** This fertilizer contains Boron, which may be injurious to certain crops. Contact your local county agent or field consultant for specific information.

Avoid contact with skin, eyes or clothing. Do not take internally. Wear chemical-resistant eyewear and gloves, long-sleeve shirt and pants and shoes and socks. Do not eat, drink, smoke or chew gum while using this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. In addition, follow precautionary statements on all products used with this material. Clean affected clothing, shoes, and protective equipment before reuse.

**Personal Protective Equipment:** Wear chemical splash goggles, impermeable gloves, long sleeves, long pants and rubber apron.

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

### FIRST AID

**Call a poison control center or doctor immediately for treatment advice. Have the product container with you when calling a poison control center or doctor, or going for treatment.**

**IF SWALLOWED:** Immediately call a poison control center or doctor. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give any liquid to the person. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth to mouth if possible.

**IF IN EYES:** Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses if present, after the first 5 minutes, then continue rinsing eye.

### GENERAL INFORMATION

CHS Aventine® is a heavily chelated nutrient blend formulated for use with most liquid fertilizers and foliar sprays. Aventine is formulated for use with cropping systems that have shown benefit to a nitrogen or potassium starter fertilizer application or have exhibited deficiencies to zinc, sulfur, manganese, or boron. Aventine contains many nutrients that are necessary to enhance plant growth, increase early season root development, and correct nutrient deficiencies in order to maximize yield potential but are frequently absent in typical starter or pop-up fertilizers. Aventine may be used in conjunction with most fertilizers that are used as a soil or foliar application to any food or fiber crop where the addition of one or more of the nutrients contained in Aventine would be beneficial.

### DIRECTIONS FOR USE

Use Aventine in conjunction with sound agronomic management practices including a balanced fertility program that includes the use of starter or pop-up fertilizers placed with or near the seed or foliar applications where additional essential crop nutrients are strategically placed or applied to increase early season plant growth and enhance yield. Applications made to soil as a starter fertilizer in furrow with the seed or near the seed in a band at planting time provide

ideal placement and timing for crucial nutrients provided by Aventine to maximize be used as a postemergence foliar application to crops alone or in combination with other foliar fertilizers or crop protection products. Refer to the requirements of your state for specific crop recommendations.

### PRECAUTIONARY STATEMENTS

**CAUTION:** Aventine is considered to be a low health hazard and a non-inhalation hazard. Always follow good industrial hygiene practices. Harmful if swallowed. If conscious, immediately give large quantities of water and induce vomiting. Seek medical attention immediately. Avoid contact with skin. In the event of skin contact, flush immediately and thoroughly flush with water. Causes eye irritation. Flush eyes immediately and thoroughly with water for 15 minutes. If irritation persists, seek medical attention.

### STATEMENT OF PRODUCT PURPOSE AND UTILITY

The nutrients found in Aventine can enhance the yield potential of many crops including alfalfa, corn, dry edible bean, potato, small grain, sorghum, and soybean when the crop requires specific nutrients that are readily available.

### ENVIRONMENTAL HAZARD

In the case of a spill, contain spill and maximize recovery.

### APPLICATION INSTRUCTIONS

**GENERAL GUIDELINES:** Several variables are known to influence the proper rate of application to prevent or resolve a specific nutrient deficiency. Refer to the requirements of your state for specific crop recommendations or use in accordance with recommendations of a qualified individual or institution such as a certified crop advisor, university extension representative or publication, trained agronomist, or follow the guidelines of an approved nutrient management plan.

**SOIL APPLICATIONS:** Apply 1 to 2 quarts per acre as a starter fertilizer or starter fertilizer additive, or use as a soil applied broadcast application in a balanced fertility program. Water may be added to increase application rate.

**POSTEMERGENCE APPLICATIONS:** Apply 1 to 2 quarts per acre to an actively growing crop to prevent the occurrence of a nutrient deficiency or as remediation to an existing nutrient deficiency. Postemergence applications should be made in a minimum of 10 gallons per acre spray volume.

**ALFALFA, CORN, DRY EDIBLE BEAN, POTATO, SMALL GRAINS, SORGHUM AND SOYBEAN:** Apply 1 to 2 quarts Aventine per acre as an in-furrow pop-up fertilizer or 2 by

2 inch band at planting alone or in combination with other liquid fertilizers as prescribed by state recommendations. Apply 3 to 5 gallons as a broadcast application.

### HANDLING AND STORAGE

Aventine freezes at 0° F. Aventine should be stored in polyethylene or stainless steel tanks with polyethylene or stainless steel fittings.

**DISPOSAL:** Do not reuse empty container. Triple rinse (or equivalent) after mixing and loading product. Recycling decontaminated containers is the best option of container disposal. The Agricultural Container Recycling Council (ACRC) operates the national recycling program. To contact your state and local ACRC recycler, visit the ACRC web page at [www.acrcycling.org](http://www.acrcycling.org). Decontaminated containers and materials must be disposed of in a manner allowed by local, state, and federal laws and regulations.

**Conditions of Sale and Warranty Limitation:** The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of CHS Inc. or the seller. All such risks shall be assumed by the buyer. CHS Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use, subject to the inherent risks referred to above. CHS Inc. makes no other express or implied warranty of fitness or merchantability or any other express or implied warranty. In no case shall CHS Inc. or the seller be liable for consequential, special or indirect damages resulting from the use or handling of this product. CHS Inc. and the seller offer this product, and the Buyer and the User accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only by agreement in writing signed by a duly authorized representative of CHS Inc.

**NET CONTENTS: 250 gal**  
**NET WEIGHT: 2,737.5 lb**  
**10.95 lbs per gal at 68° F**