

Boron 10

Granular Boron 10%



Advanced Micronutrient Products

Use AMP Boron 10 for fall and pre-plant boron deficiency prevention. Boron 10 is the product of choice for broadcast and band boron applications in a wide range of conditions.

GUARANTEED ANALYSIS

Boron.....	10.0%
Sulfur.....	1.5%
Water Soluble (B).....	50%
SGN.....	260
Uniforming Index.....	50.0%
Color.....	Dark Gray/Brown
Bulk Density.....	65lbs. /ft3

BORON 10

- **Crop essential sulfur at 1.5%.** All the sulfur in Boron 10 is in the immediately available sulfate form.
- **Boron 10 delivers 33% more granules per acre than a 15% boron product.** More granules per acre results in more results in better distribution and availability.

BORON FUNCTIONS IN PLANT

- Transporter of sugars through cell membranes
- Required for cell division and development
- Involved with plant's utilization of nitrogen and phosphate
- Involved in the synthesis of protein and nucleic acids
- Required for germination of pollen grains, flowering and reproduction, and seed formation

BORON CAN BE DEFICIENT IN

- Sandy, low organic matter, well leached soils
- High soil pH
- Dry and drought conditions
- Soils with high nitrogen and calcium
- Cold, wet weather

SYMPTOMS

- Poor fertilization and poor seed and/or fruit set
- Stunting and/or death of terminal bud (rosetting)
- Yellowing of new growth, reduced flowering
- Barren heads/stalks or poorly filled ears



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Comparison

Product	Analysis	Product Rate Per Acre	Actual Nutrient per Acre		Granules per Acre
			Boron	Sulfur	
Boron 10	10.0% B	10#	1.0#	.15#	>230K
Other	15.0% B	7#	1.0#	.00#	<160K

CRITICAL LEVELS IN PLANT AND SOIL TESTS

Plant Tissue: parts per million (ppm)

Critical levels at about 10-100 ppm

Corn:	5-25 ppm
Alfalfa:	30-80 ppm
Wheat:	5-25 ppm

Soil Test: parts per million (ppm), 0-6", Mehlich III extraction

Deficient:	<0.5 ppm
Marginal:	0.5-1.0 ppm
Sufficient:	>1.0 ppm

Advanced Micronutrient Products are treated with a superior dust coating and are uniform in size for excellent blending properties. We combine the agronomic water-solubility of sulfates with the economics of oxide materials. Advanced Micronutrient Products uses the latest technology in product manufacture. Bags are color coded for easy identification. Available in bulk, one-ton super sacks or 50# bags. Bagged product comes on non-returnable pallets with protective cardboard inserts and shrink-wrap. All AMP micronutrients have been environmentally screened for safe use.

