

# BroadMan 20

## Granular Manganese 20%



Advanced Micronutrient Products

BroadMan 20 is a low analysis, highly water-soluble, uniformly granulated manganese fertilizer specially designed to overcome the limitations of traditional broadcast manganese fertilizers.

### GUARANTEED ANALYSIS

Manganese .....	20%
Sulfur .....	12%
Water Soluble Mn .....	60%
SGN .....	230-270
Color .....	Brown
Bulk Density.....	65lbs. /ft <sup>3</sup>

	BroadMan 20	High Analysis Product
Nutrient Analysis	20% dry product	40% dry product
Nutrient Recommendation (#/Acre)	10	10
# Product / Acre	50	25
Granules / sq. ft.	24	12

### BROADMAN 20 IS YOUR CHOICE FOR BROADCAST MANGANESE!

- High water-solubility (50% minimum) for optimum availability.
- Low analyses for more granules per acre, better blending, and greater root interception.
- Sized for uniform blending (250 SGN) and minimum segregation.
- Coated for low dust and worker safety.
- Excellent for pre-plant broadcast applications.
- Order BroadMan 20 for fall and pre-plant manganese deficiency prevention. BroadMan 20 is the material of choice for broadcast manganese applications in a wide range of conditions.

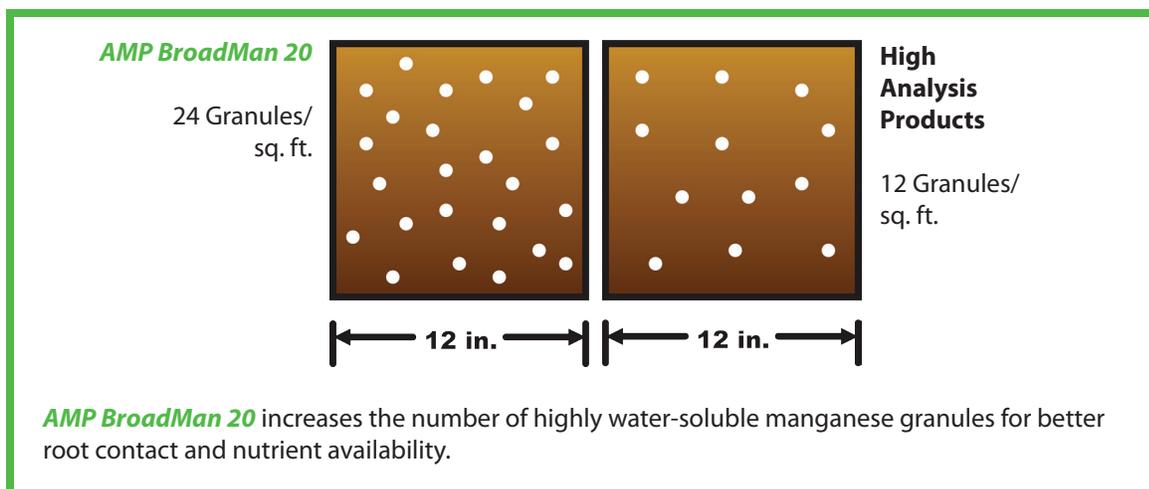


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### BROADMAN 20

- Broadcasting traditional granular manganese fertilizers is generally less effective than banding or foliar sprays, especially on high-pH soils. When manganese fertilizer is broadcast, reactions with the soil convert much of the fertilizer manganese to unavailable forms, reducing the effectiveness of the application.
- Manganese is immobile in the soil and generally moves only a fraction of an inch from the point of application. Because root interception is the primary uptake mechanism for manganese, increasing granule density in the soil improves availability. Broadcasting traditional high-analysis, low water-soluble granular manganese reduces the probability of roots contacting the fertilizer. BroadMan 20 is specially manufactured to increase granule distribution and maximize root contact and nutrient uptake.
- Most manganese fertilizers are insufficiently water soluble to provide adequate plant available manganese. Generally manganese fertilizers that are highly water-soluble are high-analysis (32% Mn or higher) products that do not provide adequate granules for maximum root contact.
- With BroadMan 20, fall and pre-plant broadcast applications of manganese become a more effective option for preventing manganese deficiencies. BroadMan 20 can reduce the need to make in-season “rescue” treatments with foliar manganese.

AMP 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.