

New
from
AAT

Ultra Yield™
MICRONUTRIENTS

BroadMan 20

Agrium
Advanced
Technologies
(AAT)
introduces
"BroadMan 20"
a new granular
manganese for
fall broadcast
or pre-plant
deficiency
prevention.

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



IT IS WELL KNOWN THAT MANGANESE IS AN ESSENTIAL PLANT NUTRIENT. Deficiency (see photo) disrupts plant enzyme functions and reduces yields and quality.

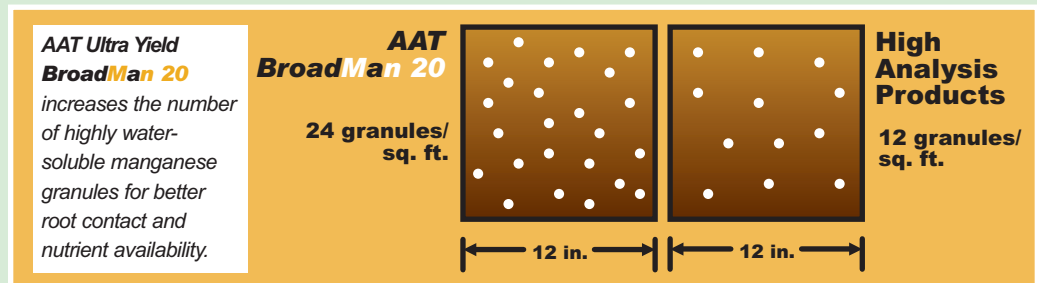
Broadcasting traditional granular manganese fertilizers is generally less effective than banding or foliar sprays, especially on high-pH soils. When manganese fertilizer is broadcast, reactions with the soil convert much of the fertilizer manganese to unavailable forms, reducing the effectiveness of 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.

To improve the performance of broadcast manganese applications, AAT introduces **BroadMan 20**, a new product that provides low manganese analysis, more granules per acre, and high water-solubility. 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.

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BroadMan 20

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.

	BroadMan 20	High Analysis Product
Nutrient Analyses	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 broadcasting and pre-plant.**

**For more information
on BroadMan 20
please contact:**

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 **Agrium
Advanced
Technologies**