



wolftrax
INNOVATIVE NUTRIENTS



**Farm Service
Center Co.**

FARMSERVICECENTER.NET
719-754-3425

Manganese DDP® is Formulated for Better Plant Uptake

- Scientifically designed for better plant availability and earlier nutrient uptake
- Guaranteed analysis of 33% manganese
- Formulated to deliver manganese to plants throughout the growing season

Better Distribution of Nutrient

With patented EvenCoat™ Technology, Wolf Trax Manganese DDP is coated onto every granule of a fertilizer blend. This results in blanket-like distribution of manganese across the field, placing the nutrients closer to plant roots for earlier uptake.

[EvenCoat™ Technology >](#)



WOLF TRAX DDP COATED ON EVERY GRANULE

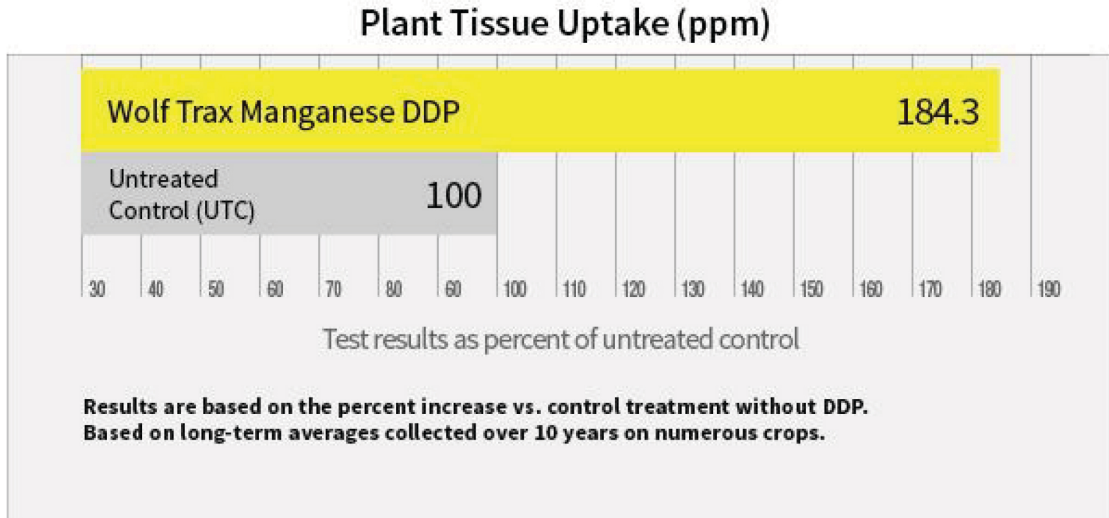


TYPICAL GRANULAR MICRONUTRIENT

Earlier Uptake

With the *PlantActiv*TM Formulation, the particle size of Manganese DDP is designed for earlier plant uptake, and the nutrients are formulated to resist soil tie-up and remain plant-available.

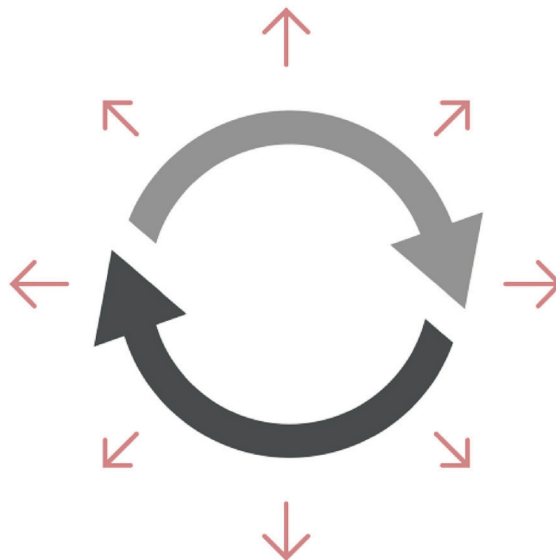
[PLANTACTIVTM Formulation >](#)



Long-Lasting Nutrition

Wolf Trax Manganese DDP features DUAL ACTIONTM Availability, which provides plants the nutrition they need throughout the growing season. One source of manganese is quickly available for plants, while the other source releases more slowly. With this DUAL ACTION Availability, plants benefit from early and prolonged feeding of manganese.

[DUAL ACTIONTM Availability >](#)



The Role of Manganese in Crop Production

- Manganese is important for photosynthesis
- Manganese is an activator of important enzymes

Reasons for Manganese Deficiency

- High soil PH
- High calcium or iron levels
- Leaching in coarse soils
- Cold, wet conditions
- Drought

Common Crops Affected

- Cereals
- Field Peas, Beans
- Fruit Trees
- Soybeans
- Sugar Beets

Visual Deficiency Symptoms

- Yellowing between veins on fully expanded young leaves
- Necrotic (brown, “dead”) spots or streaks on middle leaves

Growing Forward™ Guarantee

Wolf Trax DDP Nutrients are guaranteed to correct a nutrient deficiency when applied at the recommended rates, or product will be provided at no cost to you.

[Details >](#)



RELATED ARTICLES



[Wolf Trax DDP Nutrients Safe on High-Value Orchard Crops](#)

Apply manganese early for better yield.

Check treatment had no starter or manganese application.
Camberato, Purdue University

| | |
|-----------------------------------|---------------------|
| Mn DDP with Starter and as Foliar | +9.3 bu/a |
| Mn DDP with Starter Only | +5.8 bu/a |
| Mn DDP as Foliar Only | +4.2 bu/a |

[Could your Soybeans Yield More with Manganese and Iron Fertilizer?](#)



[Compass Minerals Expands Trial Work for Wolf Trax Innovative Nutrients in the U.S. and Around the Globe](#)

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