


**MicroMark<sup>®</sup> DG Humic**


MicroMark<sup>®</sup> DG Humic is a granular micronutrient product featuring The Andersons Dispersing Granule (DG) Technology. With DG Technology, particles are efficiently broken down through hydrolysis, increasing the efficacy of nutrients. MicroMark DG Humic contains a unique blend of calcium, sulfur, manganese, and zinc. This blend of nutrients was created to optimize plant health for conventional and organic crops. MicroMark DG Humic also includes humic acid which is a natural chelator of micronutrients and also has been shown to improve soil health.



## FEATURES & BENEFITS

- Suitable for all crops, including row and specialty crops
- OMRI Listed and approved for use in organic crops\*
- Engineered with a uniform density and analysis, resulting in homogeneous spherical granules
- Features Dispersing Granule (DG) Technology
- Consistent spherical particle size for easier blending, spreading and placement
- Ideal for blending with granular nutrient applications of nitrogen, phosphorus, and potassium
- Flexible rates based on crop and soil tests
- Natural chelation power of humic acid
- Enhances root system development with micronutrients and humic acid

## FREQUENTLY ASKED QUESTIONS

**Q:** How well does MicroMark DG Humic blend with dry fertilizer?

**A:** Unlike others in the market, MicroMark DG Humic is engineered using our Dispersing Granule (DG) Technology. This process ensures ease of blending with minimal granule degradation. While the spherical granules do disperse with water in the field, the granule hardness and shape allows for excellent blending in traditional fertilizer blending applications.

**Q:** What are the benefits of Dispersing Granule Technology?

**A:** Upon contact with water, each granule disperses into thousands of microparticles that move through the soil system and into the root zone. This level of dispersibility delivers precise nutrient delivery while massively increasing the surface area of the micronutrients. The increase in surface area and dispersion of microparticles in the soil, significantly improves micronutrient availability.

**Q:** When, and at what rate, should MicroMark DG Humic granules be applied?

**A:** MicroMark DG Humic granules can be applied whenever nutrients are applied. Application rates vary from 10 to 50 pounds per acre (see reverse for specific rates). A program approach is most effective.

**Q:** What is the value of micronutrients in MicroMark DG Humic?

**A:** MicroMark DG Humic contains a unique blend of calcium, sulfur, manganese, and zinc. Each of these nutrients are essential for crop growth and development. In crop production, manganese is required for chlorophyll production. Zinc is commonly deficient, and crops have a high demand for zinc, especially in the early growth stages. If any of these micronutrients are deficient in crop production, yield will suffer.

**Q:** What is the value of humic acid in MicroMark DG Humic?

**A:** The addition of humic acid provides a natural micronutrient chelating agent in addition to adding carbon to the soil system. Carbon in the form of humic acid provides food for beneficial microbes already in the soil.



### FOR MORE INFORMATION

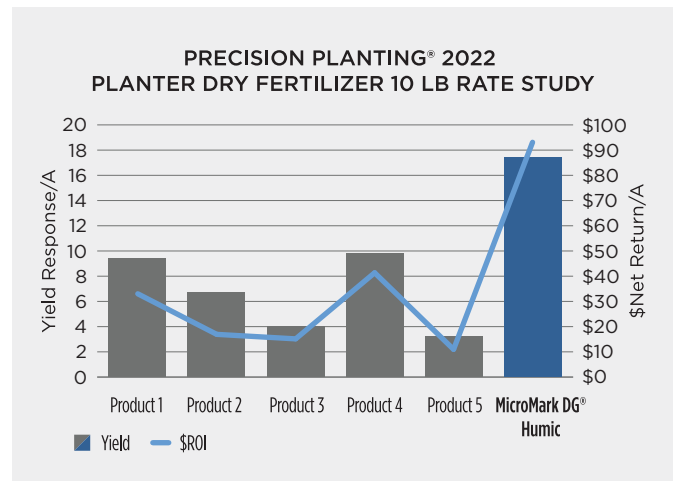
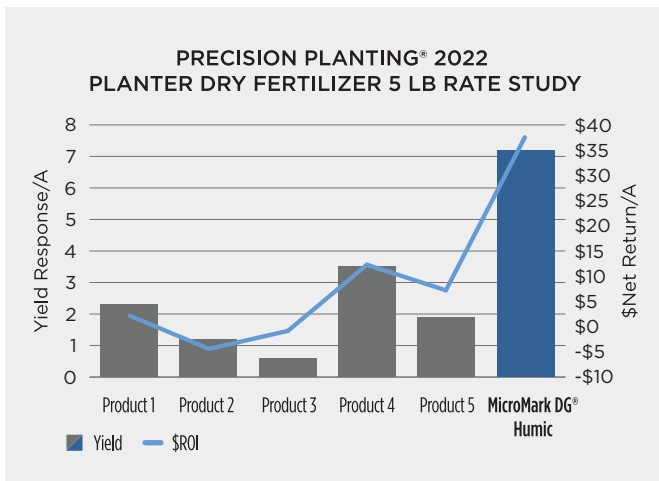
800-831-4815  
 png@andersonsinc.com  
 AndersonsPlantNutrient.com

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## 2022 PRECISION PLANTING® PTI RESULTS: PLANTER APPLIED MICRONUTRIENT STUDY

Precision Planting conducted this study to evaluate yield and net return of dry micronutrient fertilizer products at planting. At the 5 lb/A rate, MicroMark® DG Humic offered the highest yield gains of 7.2 bu/A with positive net returns of \$37.70/A. As rates climbed to 10lbs/A, all products resulted in positive yield gain and net return. MicroMark DG Humic again offered the highest yield gains of 17.4 bu/A with positive net returns of \$93.40/A.



### GUARANTEED ANALYSIS

Calcium (Ca) .....9.0%  
 Sulfur (S) ..... 11.0%  
 11.0%....Combined Sulfur  
 Manganese (Mn).....4.0%  
 Zinc (Zn).....5.0%

**Derived from:** manganese sulfate, zinc oxide, calcium sulfate, and mined gypsum

### ALSO CONTAINS NON-PLANT FOOD INGREDIENTS

**Soil Amending - Guaranteed Analysis**

#### ACTIVE INGREDIENTS

10.00% Humic Acids (derived from Leonardite)  
 90.00% Total Other Inert Ingredient (from fertilizer material)



### APPLICATION

	Application	Use Rate (per acre)	Timing
Row crops	Dry broadcast; Strip-Till; In-furrow	10-25 lbs	Post-harvest through planting
Specialty Crops		10-50 lbs	
Maintenance based on soil test		10-20 lbs	
Corrective based on soil test: low nutrient levels		15-25 lbs	
Corrective based on soil test: deficient nutrient levels		25-40 lbs	

### POUNDS PER ACRE OF MICROMARK DG HUMIC APPLIED AND THE RESULTING MICRONUTRIENTS

lbs/acre	10	20	30	40	50
Calcium	0.9	1.8	2.7	3.6	4.5
Sulfur	1.1	2.2	3.3	4.4	5.5
Humic	1.0	2.0	3.0	4.0	5.0
Manganese	0.4	0.8	1.2	1.6	2.0
Zinc	0.5	1.0	1.5	2.0	2.5



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