



**BRANDT Smart Quatro®**

# Advanced Compatibility Foliar Nutrition

BRANDT SMART QUATRO is a high efficiency 5-0-0 foliar formulation with a robust micronutrient package, which includes boron, manganese, sulfur, zinc and molybdenum. It is ideal for in-season nutrient applications on row crops and is an excellent tank mix partner for glyphosate and late season fungicide applications.

## Benefits of Foliar Feeding

Foliar feeding is one of the most efficient ways to supply nutrition to crops during critical growth stages. Applying nutrition to plant leaves allows the plant to immediately absorb nutrients, which promotes better plant uptake, better overall plant health and increased yield potential.

## Key Benefits of BRANDT SMART QUATRO

BRANDT SMART QUATRO provides high quality, readily available nutrients to plants in a highly efficient and mobile form. **It is also formulated for superior tank mix compatibility with fungicides, insecticides, glyphosate and select dicamba and 2,4 D herbicides.**

- Maximum nutrient mobility and efficiency, which allows for a lower application rate per acre
- Low salt index and low impurities
- Non-corrosive
- Healthier plants, stress mitigation, enhanced quality and yield
- **BRANDT SMART QUATRO is approved for use with Engenia®, EnlistDuo™ with Colex D Technology and XtendiMax® with VaporGrip® Technology**

For info, visit:

- [EngeniaTankMix.com](http://EngeniaTankMix.com)
- [EnlistTankMix.com](http://EnlistTankMix.com)
- [XtendiMaxApplicationRequirements.com](http://XtendiMaxApplicationRequirements.com)

## Guaranteed Analysis

Sulfur (S) .....	1.5%
1.5% Combined sulfur	
Boron (B) .....	2.0%
2.0% water soluble boron	
Manganese (Mn) .....	3.0%
3.0% water soluble manganese	
Molybdenum (Mo) .....	0.1%
0.1% water soluble molybdenum	
Zinc (Zn) .....	3.0%
3.0% water soluble zinc	

Derived from sodium borate, manganese sulfate, sodium molybdate and zinc sulfate.

## Plant Nutrient Functions

The nutrient combination in BRANDT SMART QUATRO was carefully selected and developed for specialty crops and row crops. The agronomic benefits of these nutrients include:

**Boron:** essential to new growth, pollination and reproduction. Stabilizes cell walls, which provides plant structure and integrity. Also aids in nitrogen assimilation and root nodulation formation, which enhances nitrogen uptake and utilization.

**Iron:** assists in chlorophyll production, respiration and energy transfer.

**Manganese:** aids in herbicide metabolism, chlorophyll formation and plant respiration. It is also critical to photosynthesis.

**Molybdenum:** promotes root nodulation growth and enhances nitrogen utilization.

**Sulfur:** aids in protein and enzyme synthesis.

**Zinc:** promotes root and shoot growth; helps plants withstand environmental stress.

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# BRANDT Smart Quatro® Efficacy Trials

BRANDT conducts hundreds of trials each year on its 300 acre research farm and on numerous university, consultant and grower plots throughout the world. Trials are taken to yield whenever possible and the results are shared each year at BRANDT field days throughout the country.

## Soybean Yield Trials:

*BRANDT SMART QUATRO was applied at 32 oz/ac*

Pleasant Plains, IL, 2014 (bu/ac) at R1  
BRANDT Research Farm

2.0 Advantage

BRANDT SMART QUATRO 80.7

Check 78.7

Memphis, TN, 2014 (bu/ac) at R2  
independent consultant

2.5 Advantage

BRANDT SMART QUATRO 35.9

Check 33.1

Suffolk, VA, 2015 (bu/ac) at R1  
BRANDT Research Farm

4.0 Advantage

BRANDT SMART QUATRO 64

Check 60

## Corn Yield Trials:

*BRANDT SMART QUATRO was applied at 32 oz/ac at R4*

Pleasant Plains, IL, 2014 (bu/ac)  
BRANDT Research Farm

4.2 Advantage

BRANDT SMART QUATRO 255.4

Check 251.2

## Application Recommendations

### FOLIAR APPLICATION

**Ground:** Apply 1-2 quarts in a minimum of 10 gallons of water per acre and repeat as needed.

**Aerial:** Apply 1-2 pints in a minimum of 5 gallons of water per acre and repeat as needed.

### SOIL APPLICATION

Use 1-3 quarts in a minimum of 10 gallons of water per acre. Not for use with starter fertilizer.

## Cotton Yield Trials:

*BRANDT SMART QUATRO was applied at 32 oz/ac at early bloom*

Memphis, TN, 2014 (lbs/ac)  
independent consultant

166.7 Advantage

BRANDT SMART QUATRO 957

Check 790.3

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