

# **Ligno Complexed Micronutrients**

BRANDT<sup>®</sup> Agra Sol

### **BRANDT Agra Sol**

## **Ligno Complexed Micronutrients**

BRANDT Agra Sols complex metals, absorb to surfaces and are involved in a variety of beneficial soil reaction. They can be applied to vegetables, citrus, fruits, nuts, ornamentals, and turf for correction and/or maintenance of plant nutrition.





BRANDT Agra Sol nutritionals are a balanced package of minor elements used specifically for your crop. Essential minor elements, such as zinc (Zn), manganese (Mn), iron (Fe), and magnesium (Mg), all derived from their sulfate forms, are milled with top grade lignosulfonate complexing compounds to 8 microns, a fine particle size for optimum solubility.

The actual complexion takes place inside the spray tank when mixed with water, therefore eliminating the purchase of water as a carrier liquid in nutritionals. BRANDT Agra Sol combinations are available for different crops and regions and are packaged in environmentally-friendly, disposable paper bags

#### **Benefits of BRANDT Agra Sol Nutritionals**

- Correct and maintain proper nutrient levels
- Reduce production costs
- 8 micron particle size for excellent solubility
- Compatibility with fungicide and insecticides
- Single element and element combinations available
- Can formulate to grower specific needs
- Compatible with most non-phosphorus liquid fertilizers

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#### **BRANDT Agra Sol Formulations**

#### **BRANDT Agra Sol 15% Fe**

15.0% Fe Derived from iron lignosulfonate

#### **BRANDT Agra Sol 15% Mn**

15.0% Mn Derived from manganese lignosulfonate

#### BRANDT Agra Sol 15% Zn

15.0% Zn Derived from zinc lignosulfonate

#### **BRANDT Agra Sol Micro Mix**

5.0% Mg	0.5% B	1.5% Cu	4.0% Fe
4.0% Mn	0.1% Mo	1.5% Zn	

Derived from magnesium sulfate, sodium borate, copper lignosulfonate, iron lignosulfonate, manganese lignosulfonate, sodium molybdate, zinc lignosulfonate

#### **BRANDT Agra Sol Turf Mix**

4.0% Mg	0.5% B	2.0% Fe	2.0% Mn
0.5% Zn			

Derived from magnesium sulfate, sodium borate, iron lignosulfonate, manganese lignosulfonate, zinc lignosulfonate

#### **BRANDT Agra Sol Vegetable Mix**

3.0% Mg	0.3% B	7.0% Fe	1
0.006% Mo	1.2% Zn		

Derived from magnesium lignosulfonate, sodium borate, iron lignosulfonate, manganese lignosulfonate, sodium molybdate, zinc lignosulfonate

1.2% Mn

#### **BRANDT Agra Sol ZMFB**

 1.8% B
 2.7% Fe
 5.4% Mn
 5.4% Zn

 Derived from sodium borate, iron lignosulfonate, manganese
 lignosulfonate, zinc lignosulfonate



#### **Proven Results of BRANDT Agra Sol Nutritionals**

- Deficient patterns in leaves are corrected within 3-7 days
- Maintenance spraying eliminates production problems due to the lack of key elements
- Healthier plants endure adverse weather, disease, and pest conditions
- Healthier plants produce higher quality crops

BRANDT Agra Sols are concentrated minor element complexes for plant nutrition. 4 pounds of BRANDT Agra Sol is equivalent to 1 gallon of most liquid micronutrient chelates. BRANDT Agra Sol is designed for foliar or ground application and is compatible with non-phosphorus liquid fertilizers. BRANDT Agra Sol may be added to dry, granular fertilizer formulations.

#### **Application and Use**

Consistent maintenance spraying will override production problems linked to minor and trace element deficiencies, no matter how high or how low your soil pH is. BRANDT Agra Sol is used for the correction and maintenance of minor elements in all crops, fruit, vegetables, ornamental plants and trees. BRANDT Agra Sol is applied most effectively as a foliar spray, although, it can also be applied through irrigation systems when fertigating by simply mixing with water and injecting.

BRANDT Agra Sols are concentrated minor element complexes for plant nutrition designed for foliar or ground application. Premixing BRANDT Agra Sol before adding spray to rigs is recommended where agitation is poor. Add desired amounts to partially filled spray tank with agitation. Keep agitated during spray operations.

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