

# Bean Mix

20 Mn – 4 Zn – 1 B – 9 S



Advanced Micronutrient Products

AMP Bean Mix is a crop specific, agronomically balanced, low-analysis micronutrient fertilizer, specifically designed to assist in maximizing soybean yield.

## GUARANTEED ANALYSIS

|                       |                       |
|-----------------------|-----------------------|
| Manganese.....        | 20.0%                 |
| Zinc.....             | 4.0%                  |
| Boron.....            | 1.0%                  |
| Sulfur.....           | 9.0%                  |
| Water Soluble Mn..... | 35.0%                 |
| SGN.....              | 260                   |
| Uniformity Index..... | 50.0%                 |
| Color.....            | Dark Gray/Brown       |
| Bulk Density .....    | 75lbs/ft <sup>3</sup> |

## BENEFITS OF BEAN MIX:

- **Provides manganese** . A part of several plant enzyme systems including: nitrate metabolism, hormone regulation, carbon metabolism, phosphorus transfers, aids in chlorophyll formation, enhances respiration.
- **Provides zinc** . An essential enzyme regulator in the synthesis of protein, assists in carbohydrate metabolism, essential for growth hormone production, aids in respiration.
- **Provides boron** . Aids in cell division and development, stimulates flowering and pollination, transporter of sugars across membranes, encourages seed development, assists in root elongation, aids in respiration.
- **Provides sulfur**. Essential in protein formation, activates enzymes and vitamins, aids in seed production, assists in chlorophyll production, regulates the uptake of other nutrients.



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Use AMP Bean Mix for fall and pre-plant micronutrient deficiency prevention. AMP Bean Mix is the product of choice for broadcast and band micronutrient applications in soybean production.

### BEAN MIX

- Water-soluble manganese at 35%. Bean Mix meets industry water-solubility standards.
- Crop essential sulfur at 9%. All the sulfur in Bean Mix is in the immediately available form of sulfate sulfur.
- Bean Mix delivers 50% more granules per acre as compared to a 40% manganese product. Basis 5# of actual manganese per acre, Bean Mix delivers over 520,000 granules per acre versus less than 260,000 from a 40% manganese source. More granules per acre results in more feeding sites, which provides for better nutrient uptake.

### Comparison

| Product  | Analysis | Product Rate Per Acre | Actual Nutrient per Acre |        |          | Granules Per Acre |
|----------|----------|-----------------------|--------------------------|--------|----------|-------------------|
|          |          |                       | Manganese                | Sulfur | Nitrogen |                   |
| Bean Mix | 20.0% Mn | 25#                   | 5.0#                     | 2.25#  | .50#     | >520K             |
| Other    | 40.0% Mn | 13#                   | 5.0#                     | .80#   | .13#     | <260K             |