Manage™ is a microbial inoculant containing bioactives of PGPR – Plant Growth Promoting Rhizobacteria – that optimizes nutrient utilization and conditions for plant growth and vigor, helping growers maximize ROI from production inputs. It is a dry soluble approved for organic production and can be tank-mixed and applied in-furrow, thru drip or injected.

**Benefits of Using Manage™ in Crop Production:**

- Improved nutrient use efficiency – solubilization, uptake and utilization of applied fertilizer and nutrients in the soil bank
- Improves conditions for greater plant growth and vigor
- Optimized yield potential and harvest quality
- Ease of application – no special storage conditions and flexibility with application
- Approved for organic crop production

**How Manage Technology Works:**

1. Manage applied at key growth stages.
2. The bioactives in Manage – Bacillus spp. – produce enzymes and organic acids that improve the solubilization of fertilizer into plant available forms and release bound nutrients.
3. More availability of nutrients can increase nutrient uptake, providing greater plant biomass and overall vigor. As a result yield potential and harvest quality are optimized.
## Product Profile

### Mode of Action
- Nutrient solubilization and cycling improving nutrient availability – macronutrients and micronutrients.

### Compatibility
- Effective with a wide range of raw nutrients, blends, organic solutions and pesticides. Contact a Plant Response representative for a complete list of compatible products.

### Active Ingredients – Proprietary PGPR strains
- Bacillus subtilis (1 x 10^7 cfu/g)
- Bacillus methylotrophicus (1 x 10^7 cfu/g)
- Bacillus licheniformis (1 x 10^7 cfu/g)
- Bacillus amyloliquefaciens (1 x 10^7 cfu/g)

### Formulation
- Soluble powder

### Packaging
- 4 x 10 lb bag, 40 lb case

### Shelf life
- 18 months from date of manufacture

## Application

<table>
<thead>
<tr>
<th>Application</th>
<th>Rate</th>
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</thead>
<tbody>
<tr>
<td>Pre-plant or At-plant</td>
<td>10 to 20 oz/acre</td>
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<tr>
<td>In-furrow or Banded</td>
<td>4 to 20 oz/acre</td>
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<tr>
<td>Cuttings &amp; Bare Root</td>
<td>10 to 20 oz in 50 gallons water for dipping</td>
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<tr>
<td>Greenhouse &amp; Nursery</td>
<td>8 to 10 oz per 20,000 sq. ft. through drip or spray</td>
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<tr>
<td>Transplants</td>
<td>8 oz in 50 gallons water, apply as a drench</td>
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**Important:** Always read and follow label directions.