



Advancing Eco Agriculture

Accelerate™

nutritional support for flowering and fruiting

Accelerate™ supports plant reproduction by delivering a series of primary, secondary, and micronutrients to increase the number of flowers and improve fruit set. Accelerate™ also increases tuber set for crops that reproduce independently of flowering. Accelerate™ can be particularly effective at reducing stress on crops impacted by powdery mildew. While it may not eliminate mildew, it does help improve plant nutritional levels to support the immune system and enable the plant to take care of itself.

A Boost for Successful Flowering & Fruiting

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In a trial on soybeans in Indiana, Accelerate™ was applied as a foliar application. Plants that received the applications averaged 57 pods per plant, while untreated plants had an average of 41 pods per plant.



Why Use Accelerate™?



The primary goals of plant reproduction are prolific flowering and strong fruit set. The shift from vegetative to reproductive growth brings a change in a plant's nutritional requirements and this transition can add stress to plants resulting in decreased production. External stressors like prolonged high temperatures or drought can often negatively affect nutrient mobility. Accelerate™ supplies bioavailable manganese, ample amounts of potassium, manganese, calcium, and molybdenum to counter the effects during times of peak susceptibility.

Features and Benefits



- Maximizes plant reproductive capacity by increasing the quality, viability, and number of buds, flowers, and clonal tubers
- Helps to prevent blossom abortion
- Supports nutritional integrity at peak demand and improves resistance to abiotic stressors
- Improves plant nutrient mobility and uptake
- Key ingredients: rock phosphate, manganese sulfate, sodium molybdate, and kelp

Application



Use Accelerate™ as a foliar, drip, or fertigation application. Timing for Accelerate™ applications depends upon crop type.

Single Flowering Crops:

- **Foliar** - Up to 4 gallons per acre in 2 applications within the two-week period before flowering or tuber set commences
- **Drip or Fertigation** - Up to 4 gallons per acre in 2 applications within the two-week period before flowering or tuber set commences

Continually Flowering Crops: apply as often as weekly

- **Foliar** - Initial application up to 2 gallons per acre, 1-2 weeks before flowering commences; up to 4 quarts per acre every 2 weeks until flowering is complete
- **Drip or Fertigation** - Same rates as above for continually flowering crops

Using Accelerate™

Accelerate™ must be handled with care as it has a tendency to expand in the container when heat approaches 100° F. Upon arrival, inspect your container; if it appears to show signs of built-up pressure, carefully and slowly unscrew the lid and allow gas and pressure to escape. Place a catchment pan under the container when doing this to contain any spillage. Accelerate™ can be used as a standalone application, however it can also be mixed with products in the Rebound™ line, SeaShield™, Rejuvenate™, or PhotoMag™.

