

Testimonials

"We've been using BAM-FX for about six months on our commercial nursery and farm company and have shortened our harvestable regrowth from 73 days to 58 days, along with excellent success with regrowth on other crops."

Ron Trunk, Owner, Iron Mountain Nursery & Farm
Stage Coach, NV

"I have used BAM-FX on multiple crops for both farm and greenhouse production. I believe the product is very beneficial as a precision agricultural product for efficiently supplying highly bio-available forms of Zinc, Copper, Sulfur and Nitrogen to crop plants."

BAM-FX's formula has multiple growth promoting effects and markedly enhances both crop yields and the nutritional quality of crop plants."

John L. Freeman, PhD

Plant Biochemist, Molecular Biologist, Food Chemist
Director of Scientific Affairs & Principal Investigator
Intrinsyx Technologies Corporation, NASA Ames
Research Park



BAM AGRICULTURAL SOLUTIONS

bamagsolutions.com

BAM-FX.com

561.416.0400

Contact your local representative:



BAM-FX[®]

THE KEY TO POWERFUL PLANTS[®]





Infected pomegranate plant Same plant after BAM-FX treatment

What is BAM-FX?

BAM-FX® (Bio-Available Minerals-Formula X) is a plant priming technology for production agriculture that utilizes the latest scientific discoveries in biochemistry, agronomy and chemical engineering to enhance nutrition efficiency, biotic and abiotic stress tolerance, and crop quality. **BAM-FX** enhances nutrient availability and use, strengthens the plant's innate immune response, and enhances the performance of other inputs.

BAM-FX works by activating a plant's innate immunity and enhancing plant vigor to respond more strongly to both biotic and abiotic stress factors (i.e. insects, plant pathogens, drought, flooding, excessive heat or cold) throughout the crop life cycle.

Higher profit margins are achievable through increased yield and farm crop value, the ability to save crops that would otherwise have to be destroyed and enhancing the performance of other crop protection inputs.

Initially developed for use by NASA astronauts to grow fresh, robust and nutrient-dense food crops in space, BAM-FX offers significant benefits for plants here on Earth when used as part of a standard protocol. The result is more robust plants with greater yield and quality.

Benefits of BAM-FX

Observed results and independent lab analyses from multi-season field trials worldwide on a large variety of crops have consistently demonstrated:

- Increases yield/less culls
- Greater biomass
- Improves Brix (sugar) content
- Improves end product's nutritive contents and value
- Higher levels of chlorophyll
- Faster ripening/earlier flowering
- Improves nutrient absorption and use
- Increases seed count
- Improves seed germination and seedling survival rates
- Increases root biomass and development
- Increases fruit size and amount
- Helps improve soil structure, function or performance
- Works with city or well water
- Markedly improves tolerance to and recovery from pathogenic bacteria, fungi and viruses and environmental stress factors such as drought, flooding, excessive heat or cold



Control vs. **BAM-FX** Hass Avocado (both picked on same day)

The Science of BAM-FX

- **BAM-FX** is a unique mineral composition that induces priming in plants. It is formulated to enhance plant growth and development through increased nutrition efficiency, abiotic stress tolerance and/or crop quality traits.
- **BAM-FX** without genetic modification, activates a plant's innate immune response, greatly enhancing plant vigor through the development of defense genes to respond more strongly to stress factors throughout the crop life cycle.
- **BAM-FX** enhances plant metabolism, which allows for increased nutrient absorption and use and systemic resistance to biotic and abiotic stress factors.
- **BAM-FX** creates a systemic response, which is a form of induced resistance that is activated throughout a plant after being exposed to elicitors via foliar application. It can also be applied as seed coat as well at various stages of plant development.
- **BAM-FX** activates plant defenses through increased nutrient uptake through roots, chlorophyll content and photosynthesis, antioxidant activity to reduce abiotic stress and elicitor activity to reduce biotic stress.
- **BAM-FX** has demonstrated the ability to help improve soil structure, function or performance, also enhancing plant response.
- Extensive **BAM-FX** field trials on a large variety of crops across a broad range of climates and conditions have consistently demonstrated the superior yields at harvest due to enhanced rooting, increased plant growth and better fruit or grain development.