



BUILD TOLERANCE TO ABIOTIC STRESS

LALSTIM OSMO is a wettable powder formulation of Glycine Betaine that provides persistent osmoprotection, helping plants withstand harsh environmental conditions for several weeks. This highly water-soluble formulation is compatible with most tank mix inputs and is very stable.

ADVANTAGES

- Sustains plant performance under abiotic stress conditions.
- Improves water uptake and maintains crop resilience.
- Translocates into the plant within 24-48 hours and persists for several weeks.
- Minimizes yield losses caused by fruit injury such as bursting, mottling and cracking.
- Minimizes post-harvest fruit decline by preserving stability of cellular osmotic pressure.

MODES OF ACTION

LALSTIM OSMO facilitates water uptake and retention, and adjusts the osmotic balance in plant cells and tissues. This allows for improved photosynthesis, nitrogen metabolism, calcium and nutrient translocation during adverse conditions such as heat, cold, drought, and high salinity.

CHARACTERISTICS

Active Ingredient

Glycine Betaine >97%

Package Sizes

10 x 5 lbs

Storage Information

Store sealed in the original packaging in a cool, dry place (< 77°F) for up to 36 months

Always read and follow label instructions.

RECOMMENDED CROPS



Greenhouse
Fruit & Vegetables



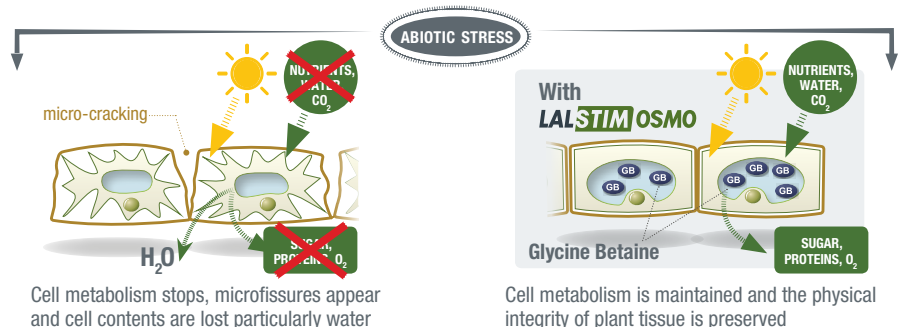
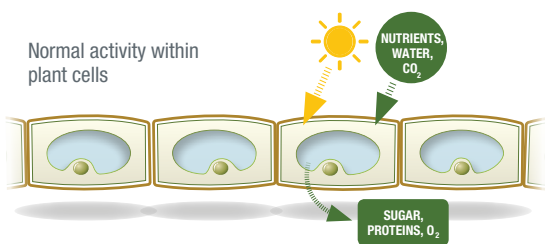
Ornamentals



Field-Grown
Fruit & Vegetables



Stone and Pome
Fruit Trees

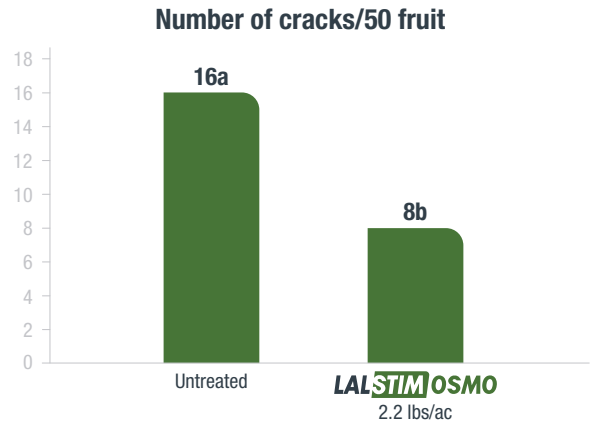




Cherries treated with LALSTIM OSMO.

✓ TRIAL RESULTS: REDUCTION OF CHERRY CRACKING

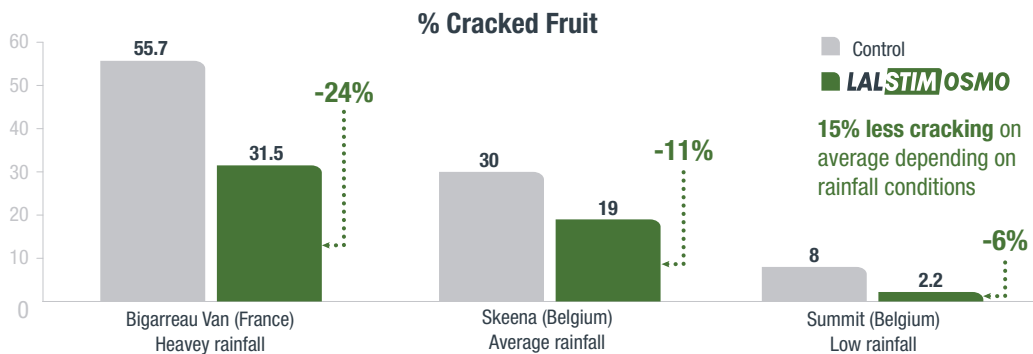
Variety: Bing Sweet Cherries



Washington State

✓ TRIAL RESULTS: REDUCTION OF CHERRY CRACKING

Varieties: Bigarreau Van, Skeena, Summit



*Year-to-year differences in rainfall, temperature and sun will affect results.

France and Belgium

APPLICATION RATES - CHERRIES

TARGET AND APPLICATION TIMING	APPLICATION RATE (lbs/acre)	APPLICATION VOLUME (U.S. Gallons/acre)
Frost during flowering: Spray at start of flowering and repeat every 1-3 weeks through petal fall.	2-6	50-150
Anti-cracking: Spray at color change from green to yellow and repeat 7-10 days later.	2-6	25-150

Refer to the product label for additional information.

About Lallemand Plant Care

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.

Microbial by nature

LALLEMANDPLANTCARE.COM

