

LIFEOMEX™

Relieving crop stress

BORROWING FROM NATURE, PROTECTING CROPS FROM STRESS.

Guarding annual and permanent crops against the 'great yield thief'.

WHAT IS LIFEOMEX™?

LifeOMEX™ is the most concentrated formulation of organic acids extract available to today's growers.

A blend of cytokinins, auxins and saponins, other natural plant isolates, plus NPK 4-4-4, LifeOMEX™ is highly compatible with all fertilizers, micro-nutrients, bio-stimulants and crop protection chemicals. In soil or foliar applications, LifeOMEX™ enhances the uptake of macro and micronutrients.

POWERFUL EFFECTS

- Enhanced nutrient uptake
- Protection from abiotic and biotic stress
- Adds balance to crops' growth cycle

GOT QUESTIONS?

559-661-6138

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OMEX®

What can LifeOMEX™ do?

LifeOMEX™ provides growers with a convenient tool to help protect crops from the ravages of stress caused by environmental conditions (abiotic) or pests and diseases (biotic).

What crops respond to LifeOMEX™?

All crops, annual and permanent, can benefit from the stress-protecting effects of LifeOMEX™. Broccoli, Cucurbits, Corn, Cotton, Citrus, Fruiting vegetables, Grapes (wine & table), Leafy vegetables, Potatoes, Tree Nuts, Tropical fruit (e.g. avocados, mangos), Turf and Ornamentals respond particularly well.

How do I use LifeOMEX™?

Rate: 4oz - 1pt/acre

Application: Foliar, or through all types of irrigation system

Timing: Throughout the growing season, and at seedling/transplanting.

How do I find out more about LifeOMEX™?

The OMEX® team is always available to answer growers' queries and questions relating to optimizing crop nutrition.

Try our **website** first: www.OMEXUSA.com

Email us at OmexUSA@Omex.com

or **call 559-661-6138**

Or contact your local OMEX USA Territory Manager for more information and advice.



WHY USE LIFEOMEX™?

Put simply, LifeOMEX™ helps stressed plants survive.

There are two types of stress: **abiotic** and **biotic**.

Abiotic stress is caused by external environmental factors:

- **extremes of temperatures** (too cold, too hot)
- **extremes of moisture** (drought, flooding)
- **physical damage** (wind, hail, etc)
- **phytotoxicity** (from plant protection products)

Abiotic stress has profound effects on the plant, resulting in physical damage (e.g. membrane injuries), biochemical chaos (protein denaturation, signal molecule disruption) and altered gene expression.

Biotic stress arises when pests or disease attacks plant tissue:

- Aphids
- Blight
- Mildew

If the plant's defenses are lowered owing to abiotic stress, a crop can also develop biotic stress. Often the effects of stress are only seen long after the event: too late to do anything.

Certain crops are especially vulnerable to stress:

Permanent fruit crops can lose yield—aborting fruit—when subjected to early-season stress. Application of LifeOMEX™ with early-season sprays acts to reduce stress.

Perennial crops can carry-over diseases from one season to the next. LifeOMEX™ can help maintain nutrients at sufficient levels to avoid stress.

Potatoes and **tomatoes** are highly susceptible to early-season stress. Stress reduction, using appropriate applications of LifeOMEX™, should be the first step in an early-blight treatment protocol.



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