



LUMINA™

0.5-0-0.5

IMPROVE NUTRIENT AVAILABILITY
Bioavailable Source of Plant Nutrients

NET WT. 9 lbs (4.1 kg)

NET VOLUME 1 gal (3.79 L)

DENSITY 9.01 lbs/gal (1.08 kg/L) @ 20°C/68°F

PRODUCT INFORMATION

Lumina™ is a bioavailable source of plant nutrients that can promote plant vigor and nutrition. Lumina™ can improve plant growth and nutrition in most crops and cultivation systems. Lumina™ will improve plant tolerance to abiotic stresses like drought while improving overall crop nutrition and may be used in conjunction with beneficial microbes. Lumina™ can be used to correct some nutrient deficiency-based plant disorders and to improve growth. By promoting plant nutrition and vigor, Lumina™ boosts plant performance and can enhance crop quality and yields.

MIXING INSTRUCTIONS

Shake well before use. Lumina™ readily mixes with most liquid fertilizers, including calcium and with most plant nutritional or plant protection products. Test the pH of the final solution before adding copper, iron, or manganese to ensure a neutral pH. Use a jar test if there is uncertainty.

APPLICATION INSTRUCTIONS

Lumina™ can be applied as frequently as needed based on crop requirements. Typically, Lumina™ should be applied once every 1-3 weeks in conjunction with a typical fertilizer regimen.

SAFETY AND HANDLING

KEEP OUT OF REACH OF CHILDREN. This product is derived from shrimp. As a result, may cause an allergic reaction like that of a shrimp allergy. In case of contact with eyes, flush with water for at least 15 minutes. See a physician if irritation persists. If on skin, remove contaminated clothing and wash skin with soap and water. For detailed handling information, refer to impellobio.com or contact info@impellobio.com

EXPIRATION DATE: 2 years from the Manufactured Date.

MANUFACTURED DATE: Printed on the Container.

BATCH NUMBER: Printed on the Container.

100% SATISFACTION GUARANTEED

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CA 011426 v1

GUARANTEED ANALYSIS

Total Nitrogen (N).....0.5%

0.5% Water Soluble Nitrogen

Soluble Potash (K₂O).....0.5%

Derived from: molasses and shrimp protein hydrolysate*

*Shrimp protein hydrolysate is the material obtained by the hydrolysis of proteins to their constituent amino acids and short polypeptides. They are a source of nitrogen.

DIRECTIONS FOR USE

Lumina™ may be used in field applications or in soil-based, soilless, or hydroponic growing media as a root drench throughout the entire plant life cycle up to the day of harvest. Foliar applications of Lumina™ are recommended during the vegetative growth phase and flowering phase until approximately 2 weeks prior to harvest.

Application	Application Rate	Application Frequency
Greenhouse and Containers	3.0 - 96 fl. oz./100 gallons	Every 1-3 weeks
Field and Specialty Crops	2.0 - 8.0 pints/acre	Every 1-3 weeks
Fruit Trees and Orchard Crops	2.0 - 8.0 pints/acre	Every 1-3 weeks
Turf	3.0 - 6.0 fl. oz./1000 sq.ft.	Every 1-3 weeks

TURF STATEMENT

Do not apply near water, storm drains or drainage ditches. Do not apply if heavy rain is expected. Apply this product only on your lawn/garden, and sweep any product that lands on the driveway, sidewalk, or street, back onto your lawn/garden.

STORAGE AND DISPOSAL

For optimal product shelf life, store out of direct sunlight and protect from freezing. Do not reuse empty containers. Dispose in accordance with local, state, and federal regulations.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

LIMITED WARRANTY

The recommendations and information provided on the label are the result of extensive and rigorous studies and tests. However, numerous factors beyond our control may occur during use (preparations of the mixtures, application, weather conditions, product expiration, etc.). The company guarantees composition, formulation and contents within stated storage conditions and product expiration date. The user is responsible for any damage caused due to total or partial non-observance of the instructions of the label.