

## LYRA™

### A Supplemental Fertigation Enhancer

#### GUARANTEED ANALYSIS

Soluble Potash (K<sub>2</sub>O) ..... 7%

Derived from Potassium Hydroxide

#### ALSO CONTAINS NON PLANT FOOD INGREDIENT

20% partial calcium salt of maleic-itaconic copolymer

FO02331

This chemical does not meet the hazardous criteria set forth by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200).

#### GENERAL RECOMMENDATIONS

This product is a concentrated nutrient solution containing, in highly soluble form, an element beneficial to plant growth, flowering, crop development, crop quality, yield, rooting, root development and transplant establishment when applied in addition and in proportion to liquid nitrogen. Follow manufacturer's recommended directions for use. Applications of this product should be in addition to a fertility program based upon soil and tissue testing data and is intended for use as a supplemental fertilizer treatment. This product manages and protects liquid nitrogen fertilizers.

#### APPLICATION RATES

LYRA treated nitrogen fertilizer should be applied to the soil in the same manner as nitrogen fertilizers without LYRA.

NOTE: When using LYRA, if different farming methods from those normally used are tried, test strips are recommended until such new methods have been proven to be effective.

#### SOIL TYPES AND CROPS

LYRA may be used with any crop and in any soil type where best management practices recommend the use of nitrogen fertilizers.

#### MIXING RATE

LYRA is recommended for application in conjunction with applied nitrogen at a rate of 0.216 fl oz (6.4 ml) per lb unit of nitrogen per acre.

#### APPLICATION INSTRUCTIONS

(See **APPLICATION PRECAUTIONS** section.)

**Ground/Soil Application** - This product may be applied to the soil by all types of soil injection equipment and through certain types of irrigation systems. Refer to the **IRRIGATION SYSTEM APPLICATION** section.

**Compatibility** - This product is compatible with most commonly used pesticides, chemically neutral fertilizers and micronutrients. It is not recommended to use this product with surfactants or adjuvants that lower pH. DO NOT mix with silicone-based surfactants or adjuvants. USER ASSUMES FULL RESPONSIBILITY to ensure compatibility when tank mixing with other products. (See **APPLICATION PRECAUTIONS** section.)

Contact your Certified Crop Advisor for specific recommendations for your area.

#### SUGGESTED USES

General fruit and vegetable crops including artichokes, carrots, celery, cabbage, beans, garlic, onions, tomatoes, peppers, broccoli, cauliflower, lettuce, spinach, strawberries, cantaloupes, melons

To access Verdesian's Warranty Statement please go to [vsci.com/limited-warranty](http://vsci.com/limited-warranty)

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

This product is manufactured by: Verdesian Life Sciences U.S., LLC | 1001 Winstead Drive, Suite 408, Cary, NC 27513 | Customer Service: 800-868-6446

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Trees including citrus, avocados, figs, almonds, walnuts, pecans, pistachios, peaches, plums, nectarines, cherries, apples, pears, olives, pomegranates, dates

Vines including hops, table, wine and raisin grapes, kiwis

Berries including bush, caneberris, cranberries, strawberries

Field crops including potato, garbanzo beans, cotton, forage crops, alfalfa hay and seed, barley, corn, grass seed, oats, rice, rye, sugar cane, wheat, sugar beets, asparagus, sunflower, safflower, tobacco

#### IRRIGATION SYSTEM APPLICATION

Applications can be made through certain irrigation systems including, but not limited to, low volume systems and typical agricultural sprinkler systems. The specific injection equipment and irrigation system must conform to all federal, state and local regulations pertaining to the fertilization of plants through an irrigation system. Accurate and properly calibrated injection equipment and an irrigation system that is operated at maximum distribution uniformity will help avoid plant injury and/or product ineffectiveness. For best results, apply this product in conjunction with Nitrogen formulations and proportional to application rates. Contact your Certified Crop Advisor for specific recommendations for your area.

#### MIXING INSTRUCTIONS

To test the compatibility of LYRA with pesticides, surfactants or other products, a proportional mixture of LYRA (using mixing rate stated on the label), liquid nitrogen fertilizer and the other products to be tested should be mixed in a jar or beaker, prior to adding LYRA or liquid nitrogen fertilizer containing LYRA to an entire tank mix. LYRA should only be added to the liquid tank mix after the liquid nitrogen fertilizer has been added.

"316" stainless steel pumps and attachments are recommended. When seals are used, seals made of fluoro-elastomeric materials such as GORE-TEX®, TEFLON® or VITON® are required.

#### USE PRECAUTIONS

##### KEEP OUT OF THE REACH OF CHILDREN DO NOT INHALE OR SWALLOW

Do not spray onto granular nitrogen fertilizers or use on seed. LYRA LIQUID NITROGEN FERTILIZERS IS NOT COMPATIBLE WITH OTHER FORMS OF LYRA AND SHOULD NOT BE MIXED TOGETHER. Read SDS and label before use, including but not limited to "USE PRECAUTIONS", and "Warranty/Limitations of Remedies". Always wear proper personal protection and follow instructions for treatment and application. Use according to label directions.

When using LYRA always wear safety gear such as masks and safety glasses. Wear long sleeves, and long pants and use natural or butyl rubber gloves. Apply LYRA in well ventilated areas. Due to the possibility of eye and skin irritation, avoid contact. In case of accidental contact with eyes or skin, flush with ample water. If irritation persists, contact a physician. Could be harmful if inhaled or swallowed. Empty containers may contain residue. All label warnings apply to empty container.

Store locked up. Dispose of contents/container to an approved waste disposal plant.

Do not contaminate waterways and sewers during cleaning of equipment or disposal of wastes, always adhering to applicable provisions of federal, state, and local laws and regulations. Completely empty contents into application equipment. Dispose of empty container by depositing in sanitary landfills, or as required by law. Do not reuse containers. Observe all warnings on label. Read the Safety Data Sheet prior to use.



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