

ALFA™

CONTAINS NON-PLANT FOOD INGREDIENTS

GUARANTEED ANALYSIS – SOIL AMENDING INGREDIENTS:

ACTIVE INGREDIENTS

2% Microbial Content

Rhizophagus irregularis 1 x 10⁴ propagules/mL

Azospirillum brasilense 2 x 10⁸ CFU/mL

INERT INGREDIENTS

98% Total Other Ingredients

KEEP OUT OF REACH OF CHILDREN

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

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

SDS is available at www.upl-ltd.com/us

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

**FOR 24-HOUR MEDICAL EMERGENCY ASSISTANCE CALL ROCKY MOUNTAIN POISON AND DRUG SAFETY:
1-866-673-6671.**

FOR 24-HOUR CHEMICAL EMERGENCY (Spill, leaks, fire, exposure, or accident) CALL CHEMTREC 1-800-424-9300.

Batch Number:

Manufacture Date:

Expiration Date: 2 years

Density: 9.19 lb/gallon (1.1 kg/L) at 68°F

Net Volume and Net Weight:

☐ **1 Quart (.946 L)/2.29 lb (1.04 kg)**

**PLANT
NUTRITION**

F002913 • Product of MAAVi Innovation Center

Produced and Guaranteed by: **UPL NA Inc.** • 630 Freedom Business Center
Suite 402, King of Prussia, PA 19406 U.S.A. • 1-800-438-6071



PRODUCT INFORMATION

ALFA™ is a 100% soluble formulation based on the combination of soil probiotics *Azospirillum brasilense* and *Rhizophagus irregularis*. These microorganisms were selected to work in tandem to optimize access to water and nutrients for your crop.

The mycorrhizal fungus *Rhizophagus irregularis* was selected to establish a symbiotic relationship with plants, allowing roots to access water and nutrients in soil areas that would otherwise be out of reach. Particularly, mycorrhizal fungi networks are selected to improve the absorption of water, phosphorus, and nitrogen, as well as other nutrients such as calcium, zinc, iron and copper, which may help reduce the negative effects of drought and salinity.

Azospirillum brasilense was selected to fix atmospheric nitrogen, making more of this important macronutrient available to the plant.

The combined action of these microorganisms may improve conditions to help plants cope better with the negative effects of abiotic stress and improve nutrient availability, which ultimately may result in better plant vigor and yield results.

DIRECTIONS FOR USE

CROP	APPLICATION RATE	APPLICATION DIRECTIONS
Greenhouse vegetables	14.4 fl oz/acre	Make the application in the seedling stage, between 7 - 10 days after transplanting in the field.
Outdoor vegetables	14.4 fl oz/acre	Make the application in the seedling stage, between 7 - 10 days after transplanting in the field.
Strawberry and berries	14.4 fl oz/acre	Make the application in the seedling stage, between 7 - 10 days after transplanting in the field.
Olive trees	14.4 fl oz/acre	Make 1 application at the beginning of the crop. In the case of adult plants, apply on the area where the young roots are located.
Almond and pistachio tree	14.4 fl oz/acre	Make 1 application at the beginning of the crop. In the case of adult plants, apply on the area where the young roots are located.
Fruit (pome and citrus)	14.4 fl oz/acre	Make 1 application at the beginning of the crop. In the case of adult plants, apply on the area where the young roots are located.
Vine	14.4 fl oz/acre	Make 1 application at the beginning of the crop. In the case of adult plants, apply on the area where the young roots are located.
Subtropical trees	14.4 fl oz/acre	Make 1 application at the beginning of the crop. In the case of adult plants, apply on the area where the young roots are located.
Row crops	3 oz/acre	Apply directly on the seed at the time of planting or in-furrow.

First Aid: If inhaled, take the victim into open air; keep them warm and calm. If breathing is irregular or stops, perform artificial respiration. If in eyes, remove contact lenses, if present and if it is easy to do. Wash eyes with plenty of clean and cool water for at least 10 minutes while pulling eyelids up and seek medical assistance. If on skin, remove contaminated clothing. If accidentally ingested, keep calm. NEVER induce vomiting.

Storage and Disposal: Store according to local legislation. Store the containers between 41 and 95°F, in a dry and well-ventilated place, far from sources of heat and direct solar light. Keep away from oxidizing agents and from highly acidic or alkaline materials.

Do not dump into sewers or waterways. Waste and empty containers must be handled and eliminated according to current, local/national legislation. Follow the provisions of the Resource Conservation and Recovery Act (RCRA) and the Resource Conservation and Recovery Act Information (RCRA Info) regarding waste management.

IMPORTANT INFORMATION READ BEFORE USING PRODUCT CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product reflect the opinion of experts based on field use and tests, and must be followed carefully. It is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of UPL NA Inc. or Seller. Handling, storage, and use of the product by Buyer or User are beyond the control of UPL NA Inc. and Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold UPL NA Inc. and Seller harmless for any claims relating to such factors.

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