

# KeyPlex<sup>®</sup> 350

**With Chelated Micronutrients, Yeast Hydrolysate, Humic Acid, and Alpha-Keto Acids**

## ACTIVE INGREDIENT

Yeast extract Hydrolysate from	
Saccharomyces cerevisiae .....	0.063%
<b>OTHER INGREDIENTS</b> .....	99.937%
<b>TOTAL</b> .....	100.000%

Refer to fertilizer ingredients section of label for nutritional content information.

**READ THE LABEL BEFORE USE  
KEEP OUT OF REACH OF CHILDREN**

## CAUTION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail).

## FIRST AID

### If in eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
- Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-433-7017 for emergency medical treatment information.

## PRECAUTIONARY STATEMENTS

### Hazards to Humans and Domestic Animals

**CAUTION:** Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

**Personal Protection Equipment (PPE):** Applicators and other handlers must wear long sleeved shirts, long pants, socks, and shoes. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

**User Safety Recommendations:** Users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet. Users should remove clothing/PPE immediately if pesticide gets inside then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

**Environmental Hazards:** Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when disposing of equipment wash water or rinsate.

Manufactured for:

**KeyPlex**

200 West Welborne Avenue, Suite 7 Winter Park, Florida 32789

**Toll Free:** 1-800-433-7017 • [www.keyplex.com](http://www.keyplex.com)

## FERTILIZER INGREDIENTS [NUTRITIONAL CONTENT (from other ingredients)] GUARANTEED ANALYSIS

Total Magnesium (Mg) .....	1.50%
1.5% Water Soluble Magnesium (Mg)	
Combined Sulfur (S) .....	4.00%
Boron (B) .....	0.16%
Iron (Fe) .....	3.50%
3.50% Chelated Iron (Fe)	
Manganese (Mn) .....	0.75%
0.75% Chelated Manganese (Mn)	
Molybdenum (Mo) .....	0.003%
Zinc (Zn) .....	0.75%
0.75% Chelated Zinc (Zn)	

**Derived From:** Magnesium Sulfate, Manganese Glucoheptonate, Zinc Glucoheptonate, Iron Glucoheptonate, Sodium Borate and Sodium Molybdate.

## NON-PLANT FOOD INGREDIENT

Alpha-Keto Acids .....	0.063%
Humic Acid .....	0.42%
F528	

## IPM Use for Plant Disease Management

KeyPlex 350 will aid in the prevention of certain plant diseases when applied as a foliar spray, such as post-bloom fruit drop and greasy spot diseases of citrus, and bacterial leaf spot of tomatoes.

## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

## AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is:  
Coveralls • Shoes plus Socks • Waterproof Gloves

## NON-AGRICULTURAL USE REQUIREMENTS

These requirements apply to uses of this product that are NOT within the WPS for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses. For non-agricultural uses, do not enter treated areas without protective clothing until spray has dried.

## GENERAL INFORMATION

KeyPlex 350 is a formulation of micronutrients most often found deficient in commercial crops and trees. It contains alpha-keto acids, which facilitate utilization of micronutrients, and increase resistance to environmental stress.

KeyPlex 350 will elicit production of defensive proteins in certain plants. KeyPlex 350 will aid in the prevention of certain plant diseases such as post-bloom fruit drop and greasy spot diseases of citrus, and bacterial leaf spot of tomatoes. For disease control, apply foliar sprays of KeyPlex 350 in sufficient water to obtain adequate coverage.

KeyPlex 350 is formulated for foliar application or fertigation to prevent and correct micronutrient deficiencies when used as directed. Maintaining proper levels of micronutrients usually results in increased plant vigor, better yields, superior fruit size and quality, and longer shelf life.

## SPRAY DRIFT FOR AERIAL APPLICATION

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather – related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

## SPRAYING, MIXING AND COMPATIBILITY

KeyPlex 350, when added to the spray tank water, will lower the water pH, and can be used in combination with other pesticides. However, in unfamiliar mixtures use a “jar compatibility” test using proper proportions of chemicals and water.

## DIRECTIONS FOR USE

Application Rates for Crops and Turf

CROP	QUARTS/ACRE	CROP	QUARTS/ACRE
Tomatoes	1 to 2 *	Other Vegetables	1 to 2 *
Small Fruits	1 to 2 *	Peanuts	1 to 2 *
Cotton	1 to 2 *	Tobacco	1 to 2 *
Other Field Crops	1 to 2 *	Turf	1 to 2 *
Citrus	2 to 3 *	Tropical Fruits	2 to 3 *
Peaches	2 to 3 *	Other Deciduous	2 to 3 *
Pecans	2 to 3 *	Other Tree Nuts	2 to 3 *

\*Addition of 3 to 5 pounds of Urea or Potassium nitrate per 100 gallons of water will aid leaf assimilation.

### Citrus:

Apply 2 to 3 quarts per acre as a foliar spray. If a pre-bloom application is made, apply 2 to 3 quarts per acre. Repeat applications at petal fall and make one or two summer sprays as needed. The summer sprays should be applied with summer oil. Tank mix KeyPlex 350 with summer oil and apply the oil at the manufacturer's recommended rate of application. Thorough Spray coverage of plant foliage is essential.

### Vegetables including Pepper and Tomato:

Apply 1 to 2 quarts per acre starting at the 4-6 leaf stage. Two applications should be applied prior to bloom followed by at least four applications after bloom, as needed. Apply at least six applications to tomatoes and peppers. At least six applications are also recommended on other vegetables. KeyPlex 350 can either be applied as a foliar spray or by fertigation (low volume irrigation). For foliar spray applications, thorough coverage of the foliage is essential.

### For other crops and turf refer to table for use rates:

For other crops apply one foliar application before bloom, and at least two foliar applications after bloom, as needed. For annual crops, apply the first application at the 4-6 leaf stage. Thorough spray coverage of the plant foliage is essential.

## AERIAL APPLICATION:

Use 1 to 3 quarts of KeyPlex 350 per acre in at least 15 gallons of water per acre.

## APPLICATION RATES FOR ORNAMENTAL PLANTS:

Use 1 quart of KeyPlex 350 per 100 gallons of water. Addition of 1 to 2 pounds of urea or potassium nitrate per 100 gallons of water will aid leaf penetration.

## STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. **Pesticide Storage:** Store in a cool, dry location. **Pesticide Disposal:** Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. **Container Disposal:** Triple rinse (or equivalent) Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities by burning. If burned, stay out of smoke.

## CONDITIONS OF SALE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability of fitness of a particular product expressed or implied extends to the use of this product contrary to label instructions or under abnormal conditions not reasonably foreseeable by the seller, and buyer assumes the risk of any such use.

<b>Net Content:</b> _____	2.5 gal.	<b>Weight Per Gallon:</b> _____	11.0 lb.
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