

73512-4

10/27/2005

1/7

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511C)
1200 Pennsylvania Avenue NW
Washington, DC 20460

EPA Reg. Number:
73512-4

Date of Issuance:
10/27/05

Term of Issuance: Unconditional

Name of Pesticide Product:
KeyPlex• 350 OR

NOTICE OF PESTICIDE:

X Registration
Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Morse Enterprises Limited, Inc.
151 South East 15 Road
Brickell East Floor Ten
Miami, FL 33129

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA Sec. 3(c)(5) provided you:

- 1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA Sec.3 (c)(5) when the Agency requires all registrants of similar products to submit such data; and submit acceptable responses required for reregistration of your product under FIFRA Sec. 4.
2. Revise the EPA Registration Number to read, "EPA Reg. No. 73512-4."
3. Submit two (2) copies of your final printed label for the record, before you release the product for shipment.

A stamped copy of the label is enclosed for your records.

Signature of Approving Official:

Handwritten signature: Jan K. Anderson

Date:

Handwritten date: 10/27/05

CONCURRENCES

Table with columns for SYMBOL, SURNAME, and DATE. Contains handwritten entries for 7511C, Gibbons, and dates 10/25/05 and 10/26/05.

ACCEPTED
OCT 27 2005
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 73512-4

2/7

KeyPlex® 350 OR
For Organic Production
with Chelated Micronutrients,
Yeast Hydrolysate, Humic Acid and Alpha-Keto Acids

ACTIVE INGREDIENT	
Yeast extract hydrolysate from <u>Saccharomyces cerevisiae</u>	0.063%
OTHER INGREDIENTS	99.937%
TOTAL	100.00%

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.

Manufactured for:
Morse Enterprises Limited, Inc.
Brickell East, Floor Ten, 151 S.E. 15 Road
Miami, Florida 33129
TOLL FREE: 1-800-433-7017

Net Contents: 2.5 Gallons
Net Weight: 27.5 lbs. (12.58 kg.)
Weight per gallon: 11.0 lbs.

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 Protective 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.

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

Total Magnesium (Mg)	1.50%
1.50% 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)	
Total Nitrogen (N)	trace (<0.1%)
Derived From: Magnesium Sulfate, Manganese Citrate, Zinc Citrate, Iron Citrate, Sodium Borate and Sodium Molybdate	

IPM Use for Plant Disease Management

KeyPlex 350 OR 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 state or tribal 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

The requirements in this box apply to uses of this product that are NOT within the scope of the worker protection standard 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 OR 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 OR will elicit production of defensive proteins in certain plants. KeyPlex 350 OR 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 disease of tomatoes. For disease control, apply foliar sprays of KeyPlex 350 OR in sufficient water to obtain adequate coverage.

KeyPlex 350 OR is also formulated for foliar application 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.

MIXING AND COMPATIBILITY

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

APPLICATION INSTRUCTIONS

Apply KeyPlex 350 OR as a foliar spray after dilution and mixing with water in accordance with label instructions. Make applications of KeyPlex 350 OR in sufficient spray volume to ensure thorough coverage.

Apply KeyPlex 350 OR with spray equipment commonly used for making ground and aerial foliar applications.

For Ground Applications: Apply in sufficient water volume for thorough coverage of foliage. For dilute applications on tree fruits and tree nuts apply specified rate in 30 to 100 gallons of water per acre. For dilute applications on other crops apply specified rate in 20 to 100 gallons of water per acre. For concentrate applications on tree fruits and tree nuts apply specified rate in 30 to 100 gallons of water per acre. For concentrate applications on other crops apply specified rate in at least 20 gallons of water per acre. Concentrate applications require special concentrate application equipment.

For Aerial Applications:

On all crops use the rates in the table and mix the product in at least 15 gallons of water per acre.

Do not apply this product through any type of irrigation system.

Application Rates for Crops and Turf

<u>CROP</u>	<u>QUARTS of PRODUCT/ACRE</u>
Tree Fruits and Tree Nuts	2 to 3
Citrus	2 to 3
Tropical Fruits	2 to 3
Peaches	2 to 3
Other Deciduous Fruits	2 to 3
Pecans	2 to 3
Other Tree Nuts	2 to 3
Vegetables, Common Field Crops and Turf	1 to 2
Tomatoes	1 to 2
Other Vegetables	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
Small Fruits	1 to 2
Caneberries	1 to 2
Blueberries	1 to 2
Cranberries	1 to 2

- Use the higher rate under moderate to severe disease pressure. Addition of 3 to 5 pounds of urea per 100 gallons of water will aid leaf penetration.

Tree Fruits and Tree Nuts (Including Citrus, Apples, Pears, Peaches, Cherries, Almonds and Pecans)

Citrus: Apply 2 to 3 quarts of product per acre as a foliar spray. If a pre-bloom application is made, apply 2 to 3 quarts of product per acre as a foliar spray.

Repeat applications at petal fall and make one or two summer sprays as needed. Apply the summer sprays with summer oil for best results. Apply summer sprays at 14 to 21 day intervals. Tank mix KeyPlex 350 OR with summer oil and apply the oil at the manufacturer's rate of application. Thorough spray coverage of plant foliage is essential.

For All Other Tree Fruits and Tree Nuts: Apply one pre-bloom application. Repeat application at petal fall and again at 14-21 day intervals, as needed.

Vegetables, Field Crops and Turf

Vegetables including pepper and tomato:

Apply 1 to 2 quarts of product per acre as a foliar spray starting at the 4-6 leaf stage. Apply two applications prior to bloom. Repeat applications at 7-14 day intervals, as needed. On other vegetables, apply one application three to five days after emergence or transplanting. Repeat applications at 7-14 day intervals, as needed.

Field Crops (including peanuts, cotton and tobacco): Apply 1 to 2 quarts per acre of product as a foliar spray four to six weeks after emergence or transplanting, followed by up to 4 additional applications at 14 to 21 day intervals.

Turf: Apply 1 to 2 quarts of product per acre as foliar spray (0.75 to 1.5 fluid ounces per 1000 square feet). Repeat at 7 to 21 day intervals, as needed.

Small Fruits (Including canberries, blueberries, and cranberries)

Apply one application prior to bloom followed by up to three applications at 14 to 21 day intervals as needed.

Application Rates for Ornamental Plants (Woody and herbaceous ornamentals and foliage plants)

Use 1 quart of KeyPlex 350 OR per 100 gallons of water. Start applications 1 to 2 weeks after emergence or transplanting. Repeat at 7 to 21 day intervals, as needed. Addition of 1 to 2 pounds of urea per 100 gallons of water will aid leaf penetration. Apply as a foliar spray in sufficient water to obtain thorough coverage of the foliage.

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 or 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 to the seller, and buyer assumes the risk of any such use.