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 registered handlers may be in the areas 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 personal protective clothing of agricultural workers on farms, forests, nurseries, and groves, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific provisions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry intervals. The requirements in this box only apply to use 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 only 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:

Coversall + Shoes plus Socks + Waterproof Gloves

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to use of this product that are NOT within the scope of the worker protection standard for agricultural pesticides (40 CFR Part 170). The WP2 applies when this product is used to produce agricultural plants on farms, forests, nurseries, groves, or turf production. For non-agricultural uses, do not enter treated areas without protective clothing and eye protection during application and until spray has dried.

GENERAL INFORMATION

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

SPRAY DRIFT FOR AERIAL APPLICATION

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

SPRAYING, 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 other pesticides. However, in unfamiliar mixtures use a “compatibility test” using proper proportions of chemicals and water. (Note: View the back of this label for suggested testing method.)

APPLICATION INSTRUCTIONS

Apply KeyPlex 350 OR as a foliar spray after dilution and mixing with water in accordance with label instructions or via drip irrigation. (Refer to instructions under “Application Instructions for Chemigation” on back of label). 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, use nozzles for tree crops and trellised vines. Apply specified rate in 30 to 100 gallons of water per acre. For concentrate applications on other crops apply specified rate in 10 to 30 gallons of water per acre. For concentrate applications on tree crops and trellised vines 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 additional application equipment. For Aerial Applications: On all crops use the rates in the table and mix the product at least 12 gallons of water per acre.

APPLICATION RATES FOR CROPS AND TURF

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 foliar spray. Repeat applications at petal fall and make two or three summer sprays as needed. Apply the summer sprays with summer oil for best results. Apply summer sprays in 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. Make two applications prior to bloom. Repeat applications at 7-14 day intervals, as needed. On other vegetables, make one application three to five days prior to emergence or transplanting. Repeat applications at 7-14 day intervals, as needed. Field Crops (including peanuts, cotton and sorghum): Apply 1 to 2 quarts per acre of product as a foliar spray two to four 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 a foliar spray (0.75 to 1.5 fluid ounces per 1000 square feet). Repeat at 1 to 2 day intervals, as needed. Small Fruits (including cranberries, blueberries, strawberries, and muscadine): Make one application prior to bloom following 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)

Apply 1 to 2 quarts of product per acre as a foliar spray. 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. Apply as foliar spray in sufficient water to obtain thorough coverage of the foliage.

CROP CATEGORY

QUARTS/ACRE

TREE FRUITS & TREE NUTS: Citrus, Tropical Fruits, Pears, Other Deciduous Fruits, Peaches, Other Tree Nuts

<table>
<thead>
<tr>
<th>Crop Category</th>
<th>Quarts/Acre</th>
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VEGETABLES, COMMON FIELD CROPS & TURF: Tomatoes, Other Vining Crops, Cotton, Tobacco, Other Field Crops, Turf

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<th>Crop Category</th>
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SMALL FRUITS: Cranberries, Blueberries, Strawberries, Blackberries

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<tr>
<th>Crop Category</th>
<th>Quarts/Acre</th>
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<td>1 to 2</td>
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STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Pesticide Storage: Store in cool, dry location. Pesticide Disposal: Wash residues 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 in a sanitary landfill, or by incineration, or, if allowed by State and local authorities by burning. If burned, may emit smoke.
COMPATIBILITY TESTING "JAR TEST"

Compatibility: Do not combine KeyPlex 350 OR in the spray tank with other pesticides, surfactants, adjuvants, or fertilizers if there has been no previous experience or use of the combination to show it is physically compatible, and non-injurious under your use conditions.

KeyPlex 350 OR contains sulfur. Do not mix it in combinations or in rotation with any product containing a label warning against mixing with sulfur containing products.

To ensure crop safety, test KeyPlex 350 OR in combination and in rotation with other products on a small portion of the crop. Wait at least 24-72 hours to evaluate results before applying to the entire field. If phytotoxicity is noted, and if it is determined that the level of phytotoxicity will result in economic losses to the crop, do not make the application to the crop.

To ensure physical compatibility of tank-mix combinations they must be evaluated prior to use. When products are physically compatible, a homogeneous solution is formed. To determine the physical compatibility of this product with other products, use a jar test. Using a 1 quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, then emulsifiable concentrates last. Allow thorough mixing, then test mixture to stand for 15 minutes. If the mixture in the test jar remains uniform for 15 minutes, the combination is compatible and can be used. If separation occurs (e.g. oils float to top, clumps of solids form, etc.), the combination is incompatible and do not use the mixture. Once compatibility has been determined, use the same procedure for adding required ingredients to the spray tank.

GENERIC INSTRUCTIONS FOR CHEMIGATION

1. Apply this product only through a sprinkler or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system.
2. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.
3. If you have any questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers, or other experts.
4. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system, unless the pesticide label-prescribed safety devices for public water systems are in place.
5. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

INSTRUCTIONS FOR SPRINKLER CHEMIGATION

1. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

Chemical tank and injector system should be thoroughly cleaned before use. Flush system with clean water. A pesticide supply tank is recommended for the application of KeyPlex 350 OR in chemigation systems. Use a minimum of 15 parts of water to 1 part of KeyPlex 350 OR in the solution tank. Agitation is not required. Introduce KeyPlex 350 OR into the irrigation water during the end of the irrigation cycle. Adjust flow from injection equipment to use contents over a period of 30 minutes to 1 hour. The system should provide uniform water flow and should have no leaks.

Terminate chemigation at depletion of KeyPlex 350 OR from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficiency, subsequent irrigation (water only) should be delayed for at least 24 hours following chemigation. Allow sufficient time for pesticide to be flushed through all lines and nozzles before turning off irrigation water.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

1. Public water systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regular serves an average of at least 25 individuals daily at least 60 days out of the year.
2. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, back flow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the flow outlet end of the fill pipe and the top or overflow rim of the reservoir tank at least twice the inside diameter of the fill pipe.
3. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection.
4. The pesticide injection pipeline must contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or when there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

Chemical tank and injector system should be thoroughly cleaned before use. Flush system with clean water. A pesticide supply tank is recommended for the application of KeyPlex 350 OR in chemigation systems. Use a minimum of 15 parts of water to 1 part of KeyPlex 350 OR in the solution tank. Agitation is not required. Introduce KeyPlex 350 OR into the irrigation water during the end of the irrigation cycle. Adjust flow from injection equipment to use contents over a period of 30 minutes to 1 hour. The system should provide uniform water flow and should have no leaks.

Terminate chemigation at depletion of KeyPlex 350 OR from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficiency, subsequent irrigation (water only) should be delayed for at least 24 hours following chemigation. Allow sufficient time for pesticide to be flushed through all lines and nozzles before turning off irrigation water.

INSTRUCTIONS FOR Drip CHEMIGATION

1. The system must contain a functional check valve, vacuum relief valve and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from back flow.
2. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.
3. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
4. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
5. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
6. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
7. Do not apply when wind speed favors drift beyond the area intended for treatment.

Chemical tank and injector system should be thoroughly cleaned before use. Flush system with clean water. A pesticide supply tank is recommended for the application of KeyPlex 350 OR in chemigation systems. Use a minimum of 15 parts of water to 1 part of KeyPlex 350 OR in the solution tank. Agitation is not required. Introduce KeyPlex 350 OR into the irrigation water during the end of the irrigation cycle. Adjust flow from injection equipment to use contents over a period of 30 minutes to 1 hour. The system should provide uniform water flow and should have no leaks.

Terminate chemigation at depletion of KeyPlex 350 OR from the main feed supply tank or after 6 hours from start, whichever is shorter. For maximum efficiency, subsequent irrigation (water only) should be delayed for at least 24 hours following chemigation. Allow sufficient time for pesticide to be flushed through all lines and nozzles before turning off irrigation water.

CONDITIONS OF SALE

Seller warrants that this 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. To the fullest extent permitted by law, the registrant shall not be liable for use of this product contrary to label instructions, and buyer assumes the risk of any such use.