

1381-219



2/5/2015
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

1/35

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

February 5, 2015

Ms. Diana Williams
Registration Specialist
Winfield Solutions, LLC
P.O. Box 64589
St. Paul, MN 55164-0589

Subject: Label Notification per PRN 98-10 – Change Primary Brand Name
To ADVISE® FOUR
Product Name: ADVISE® MAX
EPA Registration Number: 1381-219
Application Date: January 26, 2015
Decision Number: 499559

Dear Ms. Williams:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped "Notification" and will be placed in our records.

If you have any questions, you may contact Melody Banks at 305 5413 or via email at Banks.Melody@epa.gov.

Sincerely,

A handwritten signature in black ink that reads "Melody Banks".

Venus Eagle
Product Manager I
Invertebrate and Vertebrate Branch 3
Registration Division (7505P)

2/35

NOTIFICATION

FEB - 5 2014

ADVISE® FOUR

Flowable Insecticide

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]-N-nitro-2-imidazolidinimine. 40.7%

OTHER INGREDIENTS: 59.3%

TOTAL: 100.0%

Contains 4 pounds of active ingredient per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID

IF SWALLOWED:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
IF IN EYES:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 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.
IF INHALED:	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration. • Call a poison control center or doctor for further treatment advice.
<p>In case of medical emergency call toll free at 1-877-424-7452. Have a product container or label with you when calling a poison control center or doctor, or going for treatment.</p>	
<p>Note to Physician: No specific antidote is available. Treat the patient symptomatically.</p>	

EPA Reg. No. 1381-219

EPA Est. No. 37429-GA-002

NET CONTENTS: 2.5 Gallons _____

Distributed By:
Winfield Solutions, LLC
P.O. Box 64589
St. Paul, MN 55164-0589

Lot No: _____

1/0128/4

WINFIELD™

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

Harmful if swallowed, absorbed through skin, or inhaled. Avoid breathing vapor or spray mist. Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for Category C on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

1. Long-sleeved shirt and long pants,
2. Chemical-resistant gloves made of any waterproof material such as, nitrile rubber, butyl rubber, neoprene rubber, natural rubber, barrier laminate, polyethylene, polyvinyl chloride (PVC) or viton, and
3. Shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment (PPE). If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

1. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet
2. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
3. Remove Personal Protective Equipment immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

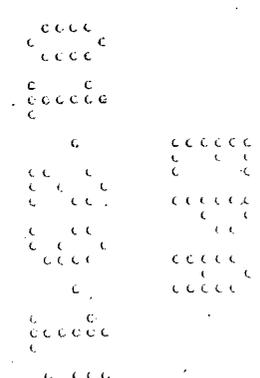
ENVIRONMENTAL HAZARDS

Do not apply directly to water, areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging the treatment area. This product is toxic to wildlife and highly toxic to aquatic invertebrates.

This chemical demonstrates the properties and characteristics associated with chemicals detected in ground water. The use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

OBSERVE THE FOLLOWING PRECAUTIONS WHEN MIXING AND APPLYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS; PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.



PROTECTION OF POLLINATORS



APPLICATION RESTRICTIONS EXIST FOR THIS PRODUCT BECAUSE OF RISK TO BEES AND OTHER INSECT POLLINATORS. FOLLOW APPLICATION RESTRICTIONS FOUND IN THE DIRECTIONS FOR USE TO PROTECT POLLINATORS.



Look for the bee hazard icon in the Directions for Use for each application site for specific use restrictions and instructions to protect bees and other insect pollinators. This product can kill bees and other insect pollinators.

Bees and other insect pollinators will forage on plants when they flower, shed pollen, or produce nectar. Bees and other insect pollinators can be exposed to this pesticide from:

- Direct contact during foliar applications, or contact with residues on plant surfaces after foliar applications
- Ingestion of residues in nectar and pollen when the pesticide is applied as a seed treatment, soil, tree injection, as well as foliar applications.

When Using This Product Take Steps To:

- Minimize exposure of this product to bees and other insect pollinators when they are foraging on pollinator attractive plants around the application site.
- Minimize drift of this product on to beehives or to off-site pollinator attractive habitat. Drift of this product onto beehives or off-site to pollinator attractive habitat can result in bee kills.

Information on protecting bees and other insect pollinators may be found at the Pesticide Environmental Stewardship website at: <http://pesticidestewardship.org/PollinatorProtection/Pages/default.aspx>.

Pesticide incidents (for example, bee kills) should immediately be reported to the state/tribal lead agency. For contact information for your state, go to: www.aapco.org/officials.html. Pesticide incidents should also be reported to the National Pesticide Information Center at: www.npic.orst.edu or directly to EPA at: beekill@epa.gov

SPRAY DRIFT MANAGEMENT

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

For Aerial Applications

Mount the spray boom on the aircraft so as to minimize drift caused by wing tip vortices. The minimum practical boom length should be used, and must not exceed 75% of the wing span or rotor diameter.

Importance of Droplet Size

An important factor influencing drift is droplet size. Small droplets (<150 - 200 microns) drift to a greater extent than large droplets. Within typical equipment specifications, make applications to deliver the largest droplet spectrum that provides sufficient control and coverage. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure.

Release spray at the lowest possible height consistent with good pest control and flight safety. Avoid applications more than 10 feet above the crop canopy.

Wind Speed Restrictions

Drift potential increases at wind speeds of less than 3 mph (due to inversion potential) or more than 10 mph. However, many factors, including droplet size, canopy and equipment specifications determine drift potential at any given wind speed. Do not apply when winds are greater than 15 mph and avoid gusty and windless conditions. Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Restrictions During Temperature Inversions

Do not make aerial or ground applications during temperature inversions. Drift potential is high during temperature inversions. Temperature inversions restrict vertical air mixing, which causes small suspended droplets to remain close to the ground and move laterally in a concentrated cloud. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. They begin to form as the sun sets and often continue into the morning. Their presence can be indicated by ground fog; however if fog is not present, inversions can also be identified by the movement of smoke from a ground source. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical mixing.

Mixing and Loading

To avoid potential contamination of groundwater, the use of a properly designed and maintained containment pad for mixing and loading of any pesticide into application equipment is recommended. If containment pad is not used, maintain a minimum distance of 25 feet between mixing and loading areas and potential surface to groundwater conduits such as field sumps, uncased well head, sinkholes or field drains.

Airblast (Air Assist) Specific Instructions for Tree Crops and Vineyards

Airblast sprayers carry droplets into the canopy of trees/vines via a radically, or literally directed air stream. Follow the following specific drift management practices:

- Adjust deflectors and aiming devices so that spray is only directed into the canopy.
- Block off upward pointed nozzles when there is no overhanging canopy.
- Use only enough air volume to penetrate the canopy and provide good coverage.
- Do not allow the spray to go beyond the edge of the cultivated area (i.e., turn off sprayer when turning at end rows).
- Only spray inward, toward the orchard or vineyard, for application to the outside rows.

No-Spray Zone Requirements for Foliar Applications

Do not apply by ground within 25 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.

Runoff Management

Do not cultivate within 10 feet of the aquatic areas to allow growth of a vegetative filter strip.

When used on erodible soils, employ best management practices for minimizing runoff. Consult your local Natural Resources Conservation Service for recommendations in your use area.

Endangered Species Notice

Under the Endangered Species Act, it is a Federal Offense to use any pesticide in a manner that results in the death of a member of an endangered species. Consult your local county bulletin, County Extension Agent, or Pesticide State Lead Agency for information concerning endangered species in your area.

RESISTANCE MANAGEMENT

Some insects will develop resistance to insecticides after repeated use. Conform use of this product to resistance management strategies established for the use area.

ADVISE FOUR contains a Group 4A insecticide. Insect biotypes with acquired or inherent tolerance to Group 4A insecticides may eventually dominate the insect population if Group 4A insecticides are used repeatedly as the predominant method of control for targeted species. This may eventually result in partial or total loss of control of those species by ADVISE FOUR and to other Group 4A insecticides.

The active ingredient in ADVISE FOUR insecticide is a member of the neonicotinoid chemical class. Insect pests resistant to other chemical classes have not shown cross-resistance to ADVISE FOUR. In order to maintain susceptibility to this class of chemistry in insect species with high resistance development potential, it is recommended that for each crop season: 1) only a single, soil application of ADVISE FOUR be made; 2) foliar applications of products from the same class not be made following a long residual, soil application of ADVISE FOUR, or other neonicotinoid products.

If a soil application of ADVISE FOUR has not been made during a crop season and foliar applications are to be made, avoid using a block of more than three consecutive applications of ADVISE FOUR and/or other Group 4A products having the same or similar mode of action. Following a neonicotinoid block of treatments, Winfield Solutions, LLC strongly encourages the rotation to a block of applications with effective products with a different mode of action before using additional applications of neonicotinoid products. Using a block rotation or windowed approach, along with other IPM practices, is considered an effective use strategy for preventing or delaying an insect's ability to develop resistance to this class of chemistry.

Do not make foliar applications of ADVISE FOUR or other Group 4A products from the neonicotinoid chemical class on crops previously treated with a long-residual, soil-applied products from the neonicotinoid chemical class.

Other Group 4A, neonicotinoid products used as foliar treatments include: Actara, Assail, Calypso, Centric, Clutch, Couraze, Galiant, Impulse, Intruder, Leverage, Nuprid, Pasada, Provado, Trimax Pro, and Venom.

Other Group 4A, neonicotinoid products used as soil/seed treatments include Admire Pro, Advise, Alias, Belay, Couraze, Cruiser, Gaucho, Macho, Macho Max, Nuprid; Platinum, Venom and Widow.

Contact your Cooperative Extension specialist, certified crop advisor, and/or product manufacturer for additional insect resistance management recommendations. Also, for more information on Insect Resistance Management (IRM), visit the Insecticide Resistance Action Committee (IRAC) on the web at <http://www.irc-online.org/>.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

See individual crops for specific pollinator protection application restrictions. If none exist under the specific crop, for foliar applications, follow these application directions for crops that are contracted to have pollinator services or for food/feed crops & commercially grown ornamentals that are attractive to pollinators:

1. FOR CROPS UNDER CONTRACTED POLLINATION SERVICES



Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless the following condition has been met.

If an application must be made when managed bees are at the treatment site, the beekeeper providing the pollination services must be notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying.

2. FOR FOOD/FEED CROPS AND COMMERCIALY GROWN ORNAMENTALS NOT UNDER CONTRACT FOR POLLINATION SERVICES BUT ARE ATTRACTIVE TO POLLINATORS



Do not apply this product while bees are foraging. Do not apply this product until flowering is complete and all petals have fallen unless one of the following conditions is met:

- The application is made to the target site after sunset
- The application is made to the target site when temperatures are below 55°F
- The application is made in accordance with a government-initiated public health response
- The application is made in accordance with an active state-administered apiary registry program where beekeepers are notified no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying
- The application is made due to an imminent threat of significant crop loss, and a documented determination consistent with an IPM plan or predetermined economic threshold is met. Every effort should be made to notify beekeepers no less than 48-hours prior to the time of the planned application so that the bees can be removed, covered or otherwise protected prior to spraying.

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.

Shake well before using.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and 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 12 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:

1. Coveralls,
2. Chemical-resistant gloves made of any waterproof material such as, nitrile rubber, butyl rubber, neoprene rubber, natural rubber, barrier laminate, polyethylene, polyvinyl chloride (PVC) or viton, and
3. Shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

PESTICIDE STORAGE: Store in a cool, dry place, out of direct sunlight, and in such a manner as to prevent cross contamination with other pesticides, fertilizers, food, and feed. Store in original container and out of the reach of children, preferably in a locked storage area. Handle and open container in a manner as to prevent spillage. If the container is leaking, invert to prevent leakage. If container is leaking or material spilled for any reason or cause, carefully dam up spilled material to prevent runoff. Refer to Precautionary Statements on label for hazards associated with the handling of this material. Do not walk through spilled material. Absorb spilled material with absorbing type compounds and dispose of as directed for pesticides below. In spill or leak incidents, keep unauthorized people away.

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: Use label language appropriate for container size and type.

Nonrefillable containers. Do not reuse or refill this container. Clean container promptly after emptying.

Nonrefillable container equal to or less than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank, or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. 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.

Nonrefillable container greater than 5 gallons. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Repeat this procedure two more times. 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.

Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Repeat this procedure two

more times. 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.

FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident, call CHEMTREC 1-800-424-9300

APPLICATION DIRECTIONS

For soil applications of ADVISE FOUR, direct product into the seed or root-zone of crop. Failure to place ADVISE FOUR into root-zone may result in loss of control or delay in onset of activity. ADVISE FOUR may be applied with ground or chemigation application equipment.

Apply foliar applications of ADVISE FOUR as a directed or broadcast foliar spray. Thorough coverage of foliage is necessary without runoff for optimum insecticidal efficacy. Use adequate spray volumes, properly calibrated application equipment and spray adjuvant if necessary to obtain thorough coverage. Failure to provide adequate coverage and retention of ADVISE FOUR on leaves and fruit may result in loss of insect control or delay in onset of activity. Apply ADVISE FOUR through properly calibrated ground or aerial application equipment. Minimum specified spray volumes unless otherwise specified on crop specific application sections are 10 gallons/Acre by ground application and 5 gallons/Acre through aerial equipment. The rate of ADVISE FOUR applied affects the length of the plant protection. Use specific higher rates when infestations occur later in crop development or where pest pressure is continuous. ADVISE FOUR will generally not control insects infesting flowers, blooms, or fruit. Additional crop protection may be required for insects feeding in, or on these plant parts, and for insects not listed in the crop-specific, pests- controlled sections of this label. Additionally, specific ADVISE FOUR application instructions are also provided in the crop-specific sections of this label.

Suppression, or less than complete control of certain diseases and insect pests, including reduced feeding, may also result from an ADVISE FOUR application. Control of these pest/diseases may require supplemental crop protection measures.

Additional information on ADVISE FOUR used for these crops and other questions may be obtained form the Cooperative Extension Service, PCAs, consultants or local Winfield Solutions, LLC representatives.

Apply only to plants grown in field-type soils, potting media, or mixtures thereof. Do not apply to plants grown in non-soil medias such as perlite, vermiculite, rock wool, or other soil less media, or plants growing hydroponically. Pre-mix ADVISE FOUR with water or other appropriate diluent prior to application. Keep ADVISE FOUR and water suspension agitated to avoid settling.

Restrictions:

- Do not apply more than 0.5 lb active ingredient per acre, per year, regardless of formulation or method of application unless otherwise specified within a crop specific section.
- Do not use ADVISE FOUR on crops grown for production of true seed intended for private or commercial planting unless allowed under state specific 24(c) labeling.
- Do not apply ADVISE FOUR in enclosed structures such as planhouses or greenhouses except as specifically indicated in the TOBACCO, CUCURBIT VEGETABLES, FRUITING VEGETABLES and GREENHOUSE VEGETABLES, (Mature plants in production greenhouses): Cucumber, Tomato only sections of this label.

MIXING INSTRUCTIONS

To prepare the application mixture, add a portion of the required amount of water to the spray tank and with agitation, add ADVISE FOUR. Complete filling tank with balance of water needed. Maintain sufficient agitation during both mixing and application. ADVISE FOUR may also be used with other pesticides and/or fertilizer solutions. Please see "Compatibility" section of this label. When tank mixtures of ADVISE FOUR and other pesticides are involved, prepare the tank mixture as specified above and follow suggested "Mixing Order" below.

Mixing Order

When pesticide mixtures are needed, add wettable powders or wettable granules first, ADVISE FOUR and other suspension concentrates (flowable) products second, and emulsifiable concentrated last. Ensure good agitation as each component is added. Do not add an additional component until the previous is thoroughly mixed. If a fertilizer solution is added, a fertilizer/pesticide compatibility agent may be needed. Maintain constant agitation during both mixing and application to ensure uniformity of spray mixture.

Compatibility

Test compatibility of the intended mixture before adding ADVISE FOUR to the spray or mix tank. Add proportionate amounts of each ingredient in the appropriate order to a pint or quart jar, cap, shake for 5 minutes, and let set for 5 minutes. Poor mixing or formulation of precipitates that do not readily redisperse indicates an incompatible mixture that must not be used

CHEMIGATION DIRECTIONS FOR USE

Types of Irrigation Systems

Foliar chemigation applications of ADVISE FOUR may be made to crops through overhead sprinkler systems if specified in crop-specific application sections. Soil chemigation applications of ADVISE FOUR may only be made to crops through chemigation as specified in crop-specific application sections and only through low-pressure systems specified for a given crop. Restriction: Do not apply ADVISE FOUR through any other type of irrigation systems.

Water Volume

Make ADVISE FOUR chemigation applications as concentrated as possible. Retention of ADVISE FOUR on target site of insect infestation is necessary for optimum activity. Do not use ADVISE FOUR in water volumes exceeding 0.1 inch/Acre. See crop specific application sections of the label for more information.

Uniform Water Distribution and System Calibration

The irrigation system must provide uniform distribution of treated water. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, you should contact State Extension Service Specialists, equipment manufacturers or other experts.

Chemigation Monitoring

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.

Drift

Do not apply when wind speed favors drift beyond the area intended for treatment.

Required System Safety Devices

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 backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closing, 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. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreased to the point where pesticide distribution is adversely affected. 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.

Using Water from Public Water Systems

Public water system 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 regularly serves an average of at least 25 individuals daily at least 60 days out of the year. 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 must be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and to top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. 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. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump

motor stops or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. 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 fitting with a system interlock.

ROTATIONAL CROPS

Treated areas may be replanted with any crop specified on an imidacloprid label, or any crop for which a tolerance exists for the active ingredient, as soon as practical following the last application. For crops not listed on an imidacloprid label, or for crops for which no tolerances for the active ingredient have been established, a 12-month plant-back interval must be observed.

IMMEDIATE PLANT-BACK:

All crops on this label plus the following crops not on this label: barley, canola, corn (field, pop, and sweet), rapeseed, sorghum, sugarbeet, and wheat

30-DAY PLANT-BACK:

Cereals (including buckwheat, millet, oats, rice, rye and triticale), soybeans, and safflower

10-MONTH PLANT-BACK:

Onion and bulb vegetables

12-MONTH PLANT-BACK:

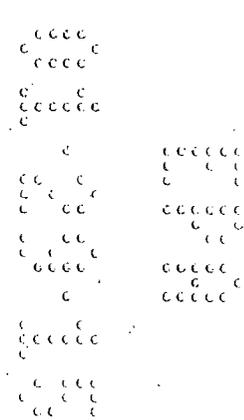
All Other Crops

Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed.

FIELD CROPS

COTTON – soil treatment

Pests Controlled	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre
Cotton aphid, Plant bugs, Thrips, Whiteflies	0.65	8.5 – 10.55 (depending on row-spacing)
<p>Restrictions:</p> <ul style="list-style-type: none"> • Maximum ADVISE FOUR allowed per crop season when making soil applications: 10.55 fluid ounces per acre (0.33 lb active ingredient per acre). • Regardless of formulation or method of application, apply no more than 0.5 lb. active ingredient per acre per year, including seed treatment, soil, and foliar uses. • Do not apply more than a total of 6 applications of the active ingredient per year. • Do not graze treated fields after any application of ADVISE FOUR. See Resistance Management Section of this label. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • In-furrow spray during planting directed on or below seed. • In a narrow band directly below the eventual seed row in a bedding operation 7 or fewer days before planting. • Chemigation into root-zone through low-pressure drip or trickle irrigation. 		



COTTON – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Cotton aphid, Cotton leafhopper, Bandedwinged whitefly, Plant bugs (excludes Lygus Hesperus), Green stink bug, Southern green stink bug, Bollworm/bugworm (ovicidal effect)	1 - 2
Pests Suppressed	
Lygus bug (Lygus hesperus), Whiteflies (other than bandedwinged whitefly)	1.52 - 2
Restrictions: <ul style="list-style-type: none"> • Pre-harvest interval (PHI): 14 days • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 10 fluid ounces per acre (0.31 lb. AI per acre) • Regardless of formulation or method of application, apply no more than 0.5 lb. active ingredient per acre per season, including seed treatment, soil, and foliar uses. • Do not graze treated fields after any application of ADVISE FOUR. • Do not apply more than a total of 6 applications of the active ingredient per year. Applications: Apply ADVISE FOUR through properly calibrated ground, aerial, or chemigation application equipment. Apply specified rate per acre as a broadcast or directed foliar spray to an infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pest.	

Tank Mix Instructions

Pests Controlled (in addition to pests listed above)	ADVISE FOUR Rate fluid ounces per acre	Bidrin® 8* Rate fluid ounces per acre
For early season control of: Thrips	1 - 1.52	1.6 - 3.2 ⁽¹⁾
For mid to late season control of: Plant bugs, Stink bugs (including Brown stink bug), Grasshoppers, Saltmarsh caterpillar, Cotton leafperforator	1 - 1.52	4.0 - 8.0 ⁽²⁾
Restrictions (in addition to Restrictions listed above): *Refer to the Bidrin 8 product label for specific use instructions. (1) Do not apply more than 3.2 fl. oz. /acre during this growth period. Do not make more than one application during this growth period. (2) Do not apply more than 16 fl. oz. /acre during this growth period. Do not apply sooner than 14 days of first application or within 30 days of harvest. Do not graze livestock on treated fields or feed treated gin trash.		

POTATO – soil treatment

Pests Controlled	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre
Aphids, Colorado potato beetle, Flea beetles, Leafhoppers, Potato psyllid	0.45 - 0.65	6.5 - 10.0
Pests/Diseases Suppressed	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre
Symptoms of: Potato leaf roll virus (PLRV), Potato yellows, necrosis, Wireworms (with in-furrow spray at-planting)	0.45 - 0.65	6.5 - 10.0
Restrictions: <ul style="list-style-type: none"> • Maximum ADVISE FOUR allowed per year when making soil applications: 10.0 fluid ounces per acre (0.31 lb active ingredient per acre) Applications: Apply specified dosage in one of the following methods: <ul style="list-style-type: none"> • In-furrow spray during planting directed on seed pieces or seed potatoes. • Subsurface side-dress on both sides of the row covered with 3 or more inches of soil. • Narrow band spray at ground cracking directly over the row during hilling covered with 3 or more inches of soil. • Narrow band directed below the eventual seed row in a bedding operation 7 or fewer days before planting. For effective 		

pest control or suppression. Place ADVISE FOUR applications below soil-surface and in contact with seed piece or within root-zone. For potatoes grown on highly permeable soils with shallow water table, at-plant applications of ADVISE FOUR may be made in a 2 to 4 inch band (width of planter shoe opening) and completely covered.

POTATO – seed piece treatment

Pests Controlled	Rate: Fluid ounces per 100 lbs. of seed	Rate: Fluid ounces per acre*
Aphids, Colorado potato beetle, Flea beetles, Leafhoppers, Potato psyllid, Wireworms (seed-piece protection)	0.2 - 0.4	4.0 - 8.0
Pest/Diseases Suppressed	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre
Symptoms of: Potato leaf roll virus (PLRV), Potato yellows, Net necrosis	0.4	8.0
Restrictions: <ul style="list-style-type: none"> • Maximum ADVISE FOUR allowed per year when making seed piece treatment applications: 10.0 fluid ounces per acre (0.31 lb active ingredient per acre) • Do not use treated seed-pieces for food, feed, or fodder. • Do not apply any subsequent application of ADVISE FOUR (in-furrow), or any other product containing imidacloprid following an ADVISE FOUR seed-piece treatment. Application: Apply specified dosage as a diluted spray onto seed-pieces using a shielded spray system. Dilute with 3 parts water, or less, to 1 part ADVISE FOUR. Agitate or stir spray solution as needed. Fungicidal or inert absorbent dusts may be applied after ADVISE FOUR application. Apply only in areas with adequate ventilation or in areas that are equipped to remove spray mist or dust. Plant seed pieces as soon as possible after treating, avoiding prolonged exposure of ADVISE FOUR treated seed-pieces to sunlight, and in accordance with the specifications of your local Extension service. * Based on a seeding rate of 2000 lbs. per acre.		

POTATO – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Colorado potato beetle, Flea beetles, Leafhoppers, Psyllids	1.52
Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 6.4 fluid ounces per acre (0.2 lb AI per acre) Applications: Apply specified rate per acre as a broadcast or directed foliar spray to an infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR maybe tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.	

TOBACCO – soil treatment

Pests Controlled	Rate: Fluid ounces per 1000 plants (as seeding tray drench)	Rate: Fluid ounces per 1000 plants (in-furrow or transplant-water)
Aphids, Flea beetles	0.5	0.7
Mole crickets, Whiteflies, Wireworms	0.7 - 1.4	0.9 - 1.4
Pests/Diseases Suppressed		
Cutworms Symptoms of: Tomato spotted wilt virus (TSWV)	0.7 - 1.4	0.9 - 1.4
Restrictions: <ul style="list-style-type: none"> • Maximum ADVISE FOUR allowed per year when making soil applications or foliar sprays to seedlings: 16.0 fluid ounces per acre (0.5 lb. active ingredient per acre) • Pre-Harvest Interval (PHI): 14 days Applications: Apply specified dosage in one of the following methods: <ul style="list-style-type: none"> • Uniform, broadcast foliar spray to seedlings in trays (tray drench) not more than 7 days prior to transplanting followed immediately by overhead irrigation to wash ADVISE FOUR from foliage into potting media. Failure to wash ADVISE FOUR from foliage may result in a reduction in pest control. Handle transplants carefully during setting to avoid dislodging treated potting media from roots. • In-furrow spray or transplant-water drench during setting. • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. Important: Proper tray drench applications of ADVISE FOUR have been shown to be the most efficacious method of		

application. However, the specified rate of ADVISE FOUR may be applied as combination of the tray drench in the planthouse and/or transplant-water drench in field. Adverse growing conditions may cause a delay in uptake of ADVISE FOUR into the plant and a delay in control.

TOBACCO – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids	0.8 - 1.6
Flea beetles, Japanese beetle	1.6

Restrictions:

- Pre-Harvest Interval (PHI): 14 days
- Minimum interval between applications: 7 days
- Maximum ADVISE FOUR allowed per year when making foliar applications: 8.9 fluid ounces per acre (0.28 lb. AI per acre)

Applications: Apply specified rate per acre as a broadcast or directed foliar spray to an infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.

VEGETABLE AND SMALL FRUIT CROPS

CUCURBIT VEGETABLES – soil treatment

Crops of Crop Group 9 Including: Chayote (fruit), Chinese waxgourd (Chinese preserving melon), Citron melon, Cuban pumpkin, Cucumber, Gherkin, Gourd (edible, includes hyofan, cucuzza, hechima, Chinese okra), *Momordica* spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (hybrids and/or cultivars of Cucumis melon including true cantaloupe, cantaloupe, casaba, Crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, snake melon, and Winter melon), Pumpkin, Squash (includes summer squash types such as: butternut squash, calabaza, crookneck squash, Hubbard squash, scallop squash, straightneck squash, vegetable marrow and zucchini, and winter squash types such as acorn squash and spaghetti squash), Watermelon (includes hybrids and/or varieties of *Citrullus lanatus*)

Field Application Instructions. See details below for additional planthouse instructions.	
Pests Controlled	Rate: Fluid ounces per acre
Aphids, Cucumber beetles, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	8.0 - 12.0
Pests/Diseases Suppressed	
Bacterial wilt (as vectored by various cucumber beetles), Leaf silvering resulting from whitefly feeding	8.0 - 12.0

Restrictions:

- Pre-Harvest Interval (PHI): 21 days
- Maximum ADVISE FOUR allowed per crop season when making soil applications: 12.0 fluid ounces per acre (0.38 lb/active ingredient per acre)

Applications: Apply the specified dosage in one of the following methods:

- Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment.
- In-furrow spray directed on or below seed.
- Narrow (2" or less) surface band spray over seed-line during planting incorporated to a depth of 1 to 1 1/2 inches with sufficient irrigation within 24 hours of application.
- Narrow band spray directly below eventual seed row in bedding operation 14 or fewer days before planting
- Post-seeding drench, transplant-water drench, or hill drench.
- Subsurface side-dress on both sides of each row. Incorporate ADVISE FOUR into root-zone.

Planthouse Application Instructions	
Pest Controlled	Rate: Fluid ounces per 1000 plants
Aphids, Whiteflies	0.05

Restrictions:

- Maximum amount ADVISE FOUR applied in the planthouse: 0.05 fluid ounces (0.00156 lb. active ingredient per 1000 plants)
- Maximum number ADVISE FOUR applications in planthouse: 1
- Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling.
- Use not permitted in CA unless otherwise directed by supplemental labeling.

Applications: Apply specified dosage to seedlings in trays in the planthouse, targeting soil media (tray drench), not

more than 7 days prior to transplanting, in one of the following methods:

- Uniform, broadcast high-volume foliar spray, followed immediately by sufficient overhead irrigation to wash ADVISE FOUR from foliage into potting media without loss of gravitational liquid from the bottom of the tray. Failure to wash ADVISE FOUR from foliage may result in reduced pest control.
- Injection into overhead irrigation system, using adequate volume to thoroughly saturate soil media without loss of gravitational solution from the bottom of the tray.

The application made in the planthouse will only provide short-term protection and is not intended as a substitution for a field application. An additional field application must be made within 2 weeks following transplanting to provide continuous protection. Handle transplants carefully during setting to avoid dislodging treated potting media from roots.

Important: Not all varieties of cucurbit vegetables have been tested for tolerance to ADVISE FOUR applied to seedling flats. It is therefore recommended to treat a small number of plants and confirm tolerance for 7 days prior to treating entire planthouse.

GREENHOUSE VEGETABLES – soil treatment

(Mature plants in production greenhouses): Cucumber, Tomato only

Pests Controlled	Rate: Fluid ounces per 1000 plants
Aphids, Whiteflies	0.7
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Maximum number ADVISE FOUR applications per crop season when making soil applications: 1 • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage in a minimum of 16 gallons of water for tomatoes and 21 gallons of water for cucumbers using soil drenches, micro-irrigation, drip irrigation, or hand-held or motorized calibrated irrigation equipment. Make application only to plants grown in field-type soils, potting media, or mixtures thereof. Do not apply to plants grown in non-soil medias such as perlite, vermiculite, rock wool or other soil-less media, or plants growing hydroponically. Do not apply to immature plants since phytotoxicity may occur.</p> <p>Make applications when infestation pressure surpasses threshold and beneficials are not able to maintain pest populations below damage thresholds. Repellency of bumble bee pollinators and negative effects on some beneficials (<i>Orius</i> spp.) can occur when ADVISE FOUR is applied.</p> <p>Many varieties of vegetables have been tested for tolerance to ADVISE FOUR and show good safety. However, certain varieties may show more sensitivity to ADVISE FOUR. Therefore, treatment of a few plants is recommended before treating the whole greenhouse.</p>	

FRUITING VEGETABLES – soil treatment

Crops of Crop Group 8 plus Okra including: Eggplant, Ground cherry, Okra, Pepper (including bell, chili, cooking, pimento, and sweet), Tomato, Pepinos, Tomatillo

Field Application Instructions. See details below for additional planthouse instructions.	
Pests Controlled	Rate: Fluid ounces per Acre
Aphids, Colorado potato beetle, Flea beetles, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	Okra and Pepper: 8.0 - 16.0 Other Crops: 8.0 - 12.0
Diseases Suppressed	
Symptoms of: Tomato mottle virus, Tomato spotted wilt virus, Tomato yellow leaf curl virus	Okra and Pepper: 8.0 - 16.0 Other Crops: 8.0 - 12.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed on pepper and okra crops per crop season when making soil applications: 16.0 fluid ounces/Acre (0.5 lb A.I. per acre) • Maximum ADVISE FOUR allowed on other fruiting vegetable crops per crop season when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI/per acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • In-furrow spray directed on or below seed • Narrow (2" or less) surface band spray over seed-line during planting incorporated to a depth of 1 to 1 ½ inches with sufficient irrigation within 24 hours of application. • Narrow band spray directly below eventual seed row in bedding operation 14 or fewer days before planting. • Post-seeding drench, transplant-water drench, or hill drench. • Subsurface side-dress on both sides of each row. Incorporate ADVISE FOUR into root-zone. 	
Plant house Application Instructions	
Pests Controlled	Rate: Fluid ounces per 1000 plants
Aphids, Whiteflies	0.05

Restrictions:

- Maximum amount ADVISE FOUR applied in the planthouse: 0.05 fluid ounces (0.00156 lb A.I.) per 1000 plants
- Maximum number ADVISE FOUR applications in planthouse: 1
- Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling.
- Use not permitted in CA unless otherwise directed by supplemental labeling.

Applications: Apply specified dosage to seedlings in trays in the planthouse, targeting soil media (tray drench), not more than 7 days prior to transplanting, in one of the following manners:

- Uniform, broadcast high-volume foliar spray, followed immediately by sufficient overhead irrigation to wash ADVISE FOUR from foliage into potting media without loss of gravitational liquid from the bottom of the tray. Failure to wash ADVISE FOUR from foliage may result in reduced pest control.
- Injection into overhead irrigation system, using adequate volume to thoroughly saturate soil media without loss of gravitational solution from the bottom of the tray.

The application made in the planthouse will only provide short-term protection and is not intended as a substitution for a field application. An additional field application must be made within 2 weeks following transplanting to provide continuous protection. Handle transplants carefully during setting to avoid dislodging treated potting media from roots.

Important: Not all varieties of fruiting vegetables have been tested for tolerance to ADVISE FOUR applied to seedling flats. It is therefore recommended to treat a small number of plants and confirm tolerance for 7 days prior to treating entire planthouse.

FRUITING VEGETABLES – foliar treatment

Crops of Group 8 plus Okra, Including: Eggplant, Ground cherry, Okra, Pepper (including bell, chili, cooking, pimento, and sweet), Tomato, Pepinos, Tomatillo

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Colorado potato beetle, Leafhoppers, Whiteflies	1.5 - 2.4
Pepper weevil	2.4

Restrictions:

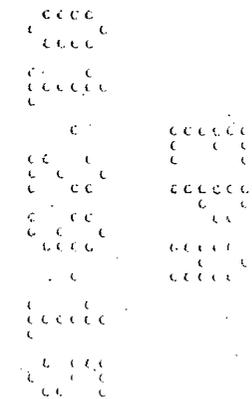
- Pre-harvest interval (PHI): 0 day
- Minimum interval between applications: 5 days
- Maximum ADVISE FOUR allowed per crop season when making foliar applications: 7.6 fluid ounces per acre (0.24 lb AI per acre)
- Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling.

Applications:

Apply specified rate per acre as a broadcast or directed foliar spray to infested are as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.

For pepper weevil, apply specified dosage of ADVISE FOUR by ground equipment only, timing applications prior to a damaging population becoming established. Good coverage of foliage and fruit is necessary for optimum control. Incorporate applications of ADVISE FOUR into a full-season program where alternations of effective products from multiple classes of chemistry and different modes of action are utilized in a blocked or windowed approach.

For additional information, please contact your Winfield Solutions, LLC. representative, Extension Specialist or crop advisor. When targeting adult whiteflies, use higher, listed rates.



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GLOBE ARTICHOKE – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers	1.6 - 4.0
Restrictions: <ul style="list-style-type: none"> • Pre-harvest interval (PHI): 7 days • Minimum interval between applications: 14 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16 fluid ounces per acre (0.5 lb AI per acre) Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested areas as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pest.	

HERBS – soil treatment

Crops of Crop Subgroup 19A including: Angelica, Balm (lemon balm), Basil (fresh and dried), Borage, Bumet, Camomile, Catnip, Chervil (dried), Chinese chive, Chive, Clary, Coriander (cilantro or Chinese parsley leaves), Costmary, Cilantro (leaf), Curry (leaf), Dillweed, Horehound, Hyssop, Lavender, Lemongrass, Lovage (leaf), Marigold, Marjoram, Nasturtium, Parsley (dried), Pennyroyal, Rosemary, Rue, Sage, Savory (summer and winter), Sweet bay (bay leaf) Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Flea beetles, Leafhoppers, Whiteflies	8.0 - 12.0
Pests Suppressed	
Thrips (foliage feeding thrips only)	8.0 - 12.0
Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 14 days • Maximum ADVISE FOUR per season when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI/Acre) • Use not permitted in California unless otherwise directed by state specific 24(c) labeling. Applications: Apply specified dosage in one of the following methods: <ul style="list-style-type: none"> • In-furrow spray during planting directed on or below seed. • In-furrow spray or transplant-water drench during setting or transplanting. • Shanked-into or below eventual seed-line. • Chemigation into root-zone through low-pressure drip, micro-sprinkler, or equivalent equipment. Important: Not all crops and/or varieties listed above have been tested for phytotoxic effects. Without specific knowledge about a particular crop and variety, Winfield Solutions, LLC. strongly recommends that only small areas or numbers of plants of each be treated and evaluated prior to commercial use.	

HERBS – foliar treatment

Crops of Crop Subgroup 19A including: Angelica, Balm (lemon balm), Basil (fresh and dried), Borage, Bumet, Camomile, Catnip, Chervil (dried), Chinese chive, Chive, Clary, Coriander (cilantro or Chinese parsley leaves), Costmary, Cilantro (leaf), Curry (leaf), Dillweed, Horehound, Hyssop, Lavender, Lemongrass, Lovage (leaf), Marigold, Marjoram, Nasturtium, Parsley (dried), Pennyroyal, Rosemary, Rue, Sage, Savory (summer and winter), Sweet bay (bay leaf) Tansy, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood

Pests Controlled	Rate: Fluid ounces per Acre
Aphids, Flea beetles, Leafhoppers, Whiteflies	1.4
Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 5 days • Maximum ADVISE FOUR allowed per season when making foliar applications: 4.2 fluid ounces per acre (0.13 lb AI per acre) • Use not permitted in California unless otherwise directed by state specific 24(c) labeling. Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests. <p>Apply ADVISE FOUR through properly calibrated ground and aerial application equipment. Thorough coverage with direct contact of the spray material to the target pests is required for optimum control. The addition of an organosilicone based spray adjuvant at a rate not to exceed the adjuvant manufacturer's specified use rate may improve coverage and control.</p> Important: Not all crops and/or varieties listed above have been tested for phytotoxic effects. Without specific knowledge	

about a particular crop and variety, Winfield Solutions, LLC, strongly recommends that only small areas or numbers of plants of each be treated and evaluated prior to commercial use.

BRASSICA (COLE) LEAFY VEGETABLES – soil treatment

Crops of Crop Group 5 including: Broccoli, Broccoli raab (rapini), Brussels sprouts, Cabbage, Cauliflower, Cavalo broccoli, Chinese (gai lon) broccoli, Chinese (bok choy) cabbage, Chinese (napa) cabbage, Chinese mustard (gai choy) cabbage, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens Turnip tops (leaves)

Pests Controlled	Rate: Fluid ounces per acre (on 36 inch rows)
Aphids, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	5.0 - 12.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed per crop season when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI per acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • In-furrow spray directed on or below seed. • Narrow (2 inches or less) surface band spray over seed-line during planting incorporated to a depth of 1 to 1 ½ inches with sufficient irrigation within 24-hours of application. • Narrow band spray directly below eventual seed row in bedding operation 14 or fewer days before planting. • Post-seeding drench, transplant-water drench, or hill drench. • Subsurface side-dress on both side of each row. Incorporate ADVISE FOUR into root-zone. 	

BRASSICA (COLE) LEAFY VEGETABLES – foliar treatment

Crops of Crop Group 5 including: Broccoli, Broccoli raab (rapini), Brussels sprouts, Cabbage, Cauliflower, Cavalo broccoli, Chinese (gai lon) broccoli, Chinese (bok choy) cabbage, Chinese (napa) cabbage, Chinese mustard (gai choy) cabbage, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens Turnip tops (leaves)

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Flea beetles, Leafhoppers, Whiteflies	1.5
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 5 days • Maximum ADVISE FOUR allowed per crop season when making foliar applications: 7.68 fluid ounces/Acre (0.24 lb AI per acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established heavy insect populations. Two applications may be required to achieve control. Scout field and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pest or for improved control of other pests.</p>	

LEAFY VEGETABLES– soil treatment

Crops of Crop Subgroup 4A plus Watercress including: Amaranth (leafy amaranth, Chinese spinach, tampala), Arugula (Roquette), Chervil, Chrysanthemum (edible leaved and garland), Cilantro, Corn salad, Cress (garden), Cress (upland, yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Spinach (including New Zealand and vine [Malabar spinach, Indian spinach]), Watercress (commercial production only, applications must not be made to native cress growing in streams or other bodies of water), Watercress (upland)

Pests Controlled	Rate: Fluid ounces per acre (on 36 inch rows)
Aphids, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	5.0 - 12.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed per crop season when making soil applications: 12.0 fluid ounces per acre (0.38 lb AI per Acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • In-furrow spray directed on or below seed. 	

- Narrow (2 inches or less) surface band spray over seed-line during planting incorporated to a depth of 1 to 1 ½ inches with sufficient irrigation within 24 hours of application.
- Narrow band spray directly below eventual seed row in bedding operation 14 or fewer days before planting.
- Post-seeding drench, transplant-water drench, or hill drench.
- Subsurface side-dress on both sides of each row. Incorporate ADVISE FOUR into root-zone.

LEAFY VEGETABLES – foliar treatment

Crops of Crop Subgroup 4A plus Watercress including: Amaranth (leafy amaranth, Chinese spinach, tampala), Arugula (Roquette), Chervil, Chrysanthemum (edible leaved and garland), Cilantro, Corn salad, Cress (garden), Cress (upland, yellow rocket, winter cress), Dandelion, Dock (sorrel), Endive (escarole), Lettuce (head and leaf), Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Spinach (including New Zealand and vine (Malabar spinach, Indian spinach)), Watercress (commercial production only, applications must not be made to native cress growing in streams or other bodies of water), Watercress (upland)

Pests Controlled	Rate: Fluid ounces per acre (on 36 inch rows)
Aphids, Flea beetles, Leafhoppers, Whiteflies	1.5
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 5 days • Maximum ADVISE FOUR allowed per crop season when making foliar applications: 7.6 fluid ounces per acre (0.24 lb AI per Acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.</p> <p>For applications made to watercress, production fields must be drained of water at least 24 hours prior to application and water must not be reapplied to the field for a minimum of 24 hours following the applications. Applications must be made to fully leafed-up canopies only.</p>	

LEAFY PETIOLE VEGETABLES – soil treatment

Crops of Crop Subgroup 4B including: Cardoon, Celery, Celtuce, Chinese celery (fresh leaves and stalk only), Florence fennel (including sweet anise, sweet fennel, Finocchio), Rhubarb, Swiss chard

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	5.0 - 12.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 45 days • Maximum ADVISE FOUR allowed per crop season when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI per acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • In-furrow spray directed on or below seed. • Narrow (2 inches or less) surface band spray over seed-line during planting incorporated to a depth of 1 to 1 ½ inches with sufficient irrigation within 24 hours of application. • Narrow band spray directly below eventual seed row in bedding operation 14 or fewer days before planting. • Post-seeding drench, transplant-water drench, or hill drench. • Subsurface side-dress on both sides of each row. Incorporate ADVISE FOUR into root-zone. 	

LEGUME VEGETABLES except soybean, dry-soil treatment

Crops of Crop group 6 including: Edible Podded and Succulent Shelled Pea and Bean and Dried Shelled Pea and Bean

Bean (*Lupinus* spp., includes grain lupin, sweet lupin, white lupin, and white sweet lupin).

Bean (*Phaseolus* spp., includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)

Bean (*Vigna* spp., includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, Southern pea, urd bean, yardlong bean)

Pea (*Pisum* spp., includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea)

Other Beans and Peas (Broad bean [fava], Chickpea [garbanzo bean], Guar, Jackbean, Lablab bean [hyacinth bean], Lentil, Pigeon pea, Soybean [immature seed], Sword bean]

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	8.0 - 12.0
Diseases Suppressed	
Symptoms of: Bean common mosaic virus (BCMV), Bean golden mosaic virus (BGMV), Beet curly top hybrigeminivirus (BCTV)	8.0 - 12.0
Restrictions:	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed per crop season when making soil application: 12.0 fluid ounces/Acre (0.38 lb AI per acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. 	
Applications: Apply specified dosage in one of the following methods:	
<ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • In-furrow spray at planting directed on or below seed. • In a narrow (2 inches or less) surface band over seed-line during planting incorporated to a depth of 1 to 1 1/2 inches with sufficient irrigation with 24 hours following application. • In a narrow band directly below the eventual seed row in a bedding operation 7 or fewer days before planting. • As a post-seeding drench, transplant drench, or hill drench. 	

LEGUME VEGETABLES except soybean, dry-foliar treatment

Crops of Crop group 6 including: Edible Podded and Succulent Shelled Pea and Bean and Dried Shelled Pea and Bean

Bean (*Lupinus* spp., includes grain lupin, sweet lupin, white lupin, and white sweet lupin)

Bean (*Phaseolus* spp., includes field bean, kidney bean, lima bean, navy bean, pinto bean, runner bean, snap bean, tepary bean, wax bean)

Bean (*Vigna* spp., includes adzuki bean, asparagus bean, blackeyed pea, catjang, Chinese longbean, cowpea, Crowder pea, moth bean, mung bean, rice bean, Southern pea, urd bean, yardlong bean)

Pea (*Pisum* spp., includes dwarf pea, edible-pod pea, English pea, field pea, garden pea, green pea, snow pea, sugar snap pea)

Other Beans and Peas (Broad bean [fava], Chickpea [garbanzo bean], Guar, Jackbean, Lablab bean [hyacinth bean], Lentil, Pigeon pea, Soybean [immature seed], Sword bean]

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Whiteflies	1.4
Restrictions:	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per crop season when making foliar application: 4.2 fluid ounces/Acre (0.13 lb AI per acre) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. 	
Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.	

ROOT VEGETABLES – soil treatment

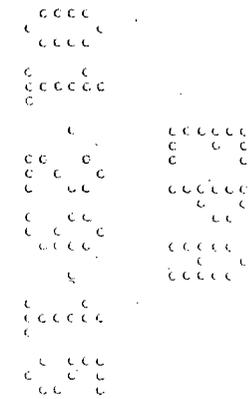
Crops of Crop Subgroup 1B except Sugarbeet including: Beet (garden)¹, Burdock (edible)¹, Carrot¹, Celeriac¹, Chervil (turnip-rooted)¹, Chicory¹, Gingseng, Horseradish, Parsley (turnip-rooted), Parsnip¹, Radish¹, Oriental radish (diakon)¹, Rutabaga¹, Salsify (oyster plant), Salsify (black)¹, Salsify (Spanish), Skirret, and Turnip¹.

Pests Controlled	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre
Aphids, Flea beetles, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	0.35 - 0.85	5.0 - 12.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed per crop season when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI per acre) • Maximum ADVISE FOUR soil applications per crop season: 1 • Not for use on crops grown for seed unless allowed by a state-specific 24(c) labeling. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment • In-furrow spray (rate specified per 1000 row-feet) or, shanked-in 1 to 2 inches below seed depth during planting. • In a narrow (2 inches or less) band directly (1 to 2 inches) below the eventual seed row in a bedding operation 14 or fewer days before planting. <p>Important: The rate applied affects the length of control. Use higher listed rates where infestations occur later in crop development, or where pest pressure is continuous. ADVISE FOUR rates less than 0.7 fluid ounces/1000 row-feet will not provide adequate residual pest control.</p> <p>ADVISE FOUR treated crops grown on very high organic matter soils (muck) may also require additional pest management control.</p> <p>¹Tops or greens from these crops may be utilized for food or feed.</p>		

ROOT VEGETABLES – foliar treatment

Crops of Crop Subgroup 1B except Sugarbeet including: Beet (garden)¹, Burdock (edible)¹, Carrot¹, Celeriac¹, Chervil (turnip-rooted)¹, Chicory¹, Gingseng, Horseradish, Parsley (turnip-rooted), Parsnip¹, Radish¹, Oriental radish (diakon)¹, Rutabaga¹, Salsify (oyster plant), Salsify (black)¹, Salsify (Spanish), Skirret, and Turnip¹.

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Flea beetles, Leafhoppers, Whiteflies	1.4
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 5 days • Maximum ADVISE FOUR allowed per crop season when making foliar applications: 1.4 fluid ounces per acre (0.044 lb AI per acre) on Radish, 4.2 fluid ounces per acre (0.13 lb AI per acre) on other crops. • Maximum ADVISE FOUR application(s) per crop season: 1 on radish, 3 on all other crops • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. <p>Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.</p> <p>¹Tops or greens from these crops may be utilized for food or feed.</p>	



TUBEROUS and CORM VEGETABLES – soil treatment

Crops of Crop Subgroup 1C including: Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna (edible, Queensland arrowroot), Cassava (bitter and sweet)¹, Chayote (root), Chufa, Dasheen (taro)¹, Ginger, Leren, Sweet potato, Tanier (cocoyam)¹, Turmeric, Tam bean (jicama, manioc pea), Tam (true)¹ (For application rates on potato see Field Crops section)

Pests Controlled	Rate: Fluid ounces per 1000 row-feet	Rate: Fluid ounces per acre
Aphids, Flea beetles, Leafhoppers, Thrips (foliage feeding thrips only), Whiteflies	0.35 - 0.85	5.0 - 12.0

Restrictions:

- Pre-Harvest Interval (PHI) from planting application: 3 days (leaves); 125 days (corms)
- Maximum ADVISE FOUR allowed per crop season when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI per acre)
- Maximum ADVISE FOUR soil applications per crop season: 1
- Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling.

Applications: Apply specified dosage in one of the following methods:

- In-furrow spray (rate specified per 1000 row-feet) over planting materials (hulis) or shanked-in 1 to 2 inches below hulis depth at planting.
- Side-dress not more than 0.3 fluid ounces/1000 row-feet no later than 45 days after planting. Observe the same PHI as above.

Important: The rate applied affects the length of control. Use higher rates where infestations occur late in crop development, or where pest pressure is continuous. ADVISE FOUR rates less than 0.35 fluid ounces/1000 row-feet may not provide adequate residential pest control. ADVISE FOUR treated crops grown on very high organic matter soils (muck) may also require additional pest management control.

¹ Tops or greens for these crops may be utilized for food or feed.

TUBEROUS and CORM VEGETABLES – foliar treatment

Crops of Crop Subgroup 1C including: Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Canna (edible, Queensland arrowroot), Cassava (bitter and sweet)¹, Chayote (root), Chufa, Dasheen (taro)¹, Ginger, Leren, Sweet potato¹, Tanier (cocoyam)¹, Turmeric, Tam bean (jicama, manioc pea), Tam (true)¹ (For application rates on potato see Field Crops section)

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Flea beetles, Leafhoppers, Whiteflies	1.4

Restrictions:

- Pre-Harvest Interval (PHI): 7 days
- Minimum interval between applications: 5 days
- Maximum ADVISE FOUR allowed per crop season when making foliar applications: 1.4 fluid ounces per acre (0.044 lb AI per acre) on Radish, 4.2 fluid ounces per acre (0.13 lb AI per acre) on other crops
- Maximum ADVISE FOUR application(s) per crop season: 3 on all crops
- Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling.

Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.

¹ Tops or greens from these crops may be utilized for food or feed.

STRAWBERRY- soil treatment

Annual and Perennial Crops	
Pests Controlled	Rate: Fluid ounces per acre
Aphids, Whiteflies	12.0 - 16.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 14 days • Maximum ADVISE FOUR allowed per crop season when making soil applications: 16.0 fluid ounces/Acre (0.50 lb AI per acre) • Do not use both pre- and post- harvest applications on the same crop in the same season. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment after plants are established or on perennial crops in early spring prior to bud opening. • As a plant material or plant hole treatment just prior to, or during transplanting. • As a band spray over-the-row in a minimum of 20 gallons of water per acre, followed immediately by overhead irrigation to incorporate product into root-zone. Plastic or other mulches that limit movement of ADVISE FOUR into root-zone are not recommended. <p>The rate applied effects the length of control. Use higher rates where infestations may occur later in crop development or where pest pressure is continuous.</p>	
Post-harvest Use on Perennial Crops	
Pests Controlled	Rate: Fluid ounces per acre
White grub complex (grubs of Asiatic garden beetle, European and Masked chafer, Japanese beetle, Oriental beetle)	8.0 - 12.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 14 days • Maximum ADVISE FOUR allowed per year when making soil applications: 12.0 fluid ounces per acre (0.38 lb A.I. per acre) • Do not use both pre- and post- harvest applications on the same crop in the same season. <p>Applications: Apply a single application post harvest to coincide with renovation of strawberry fields and during active egg-laying period of beetles. Apply specified dosage of ADVISE FOUR in one of the following methods:</p> <ul style="list-style-type: none"> • As a ground spray via boom or backpack sprayer in a minimum of 20 gallons of water per acre. • As a row-band spray using an adjusted amount of product based on the treated row band areas in proportion to the amount required per full acre. Adjust the bandwidth to be equivalent to the width of the anticipated fruiting bed. • As a chemigation application with 600 to 1000 gallons of water followed by 0.1 to 0.25 inches irrigation. • Follow all soil-surface applications with 0.25 inches of rainfall or overhead irrigation water per acre within 2 hours of application. Failure to adequately incorporate ADVISE FOUR into egg-deposition zone may result in decreased activity. 	

STRAWBERRY - foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Spittlebugs, Whiteflies	1.5
	<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 5 days • Maximum ADVISE FOUR allowed per crop season when making foliar applications: 4.5 fluid ounces per acre (0.14 lb AI per acre) • Do not apply during bloom or within 10 days prior to bloom or when bees are foraging. <p>Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested areas as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.</p>

SUGARBEET – soil treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Whiteflies, Flea beetle	3.0 - 6.0
Diseases Suppressed	
Symptoms of: Western yellow/Beet curly top-hybridgeminivirus (BCTV)	3.0 - 6.0
Restrictions:	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Maximum ADVISE FOUR allowed per year when making soil applications: 6.0 fluid ounces per Acre (0.18 lb AI per A) • Not for use on crops grown for seed unless allowed by state-specific 24(c) labeling. • For use only in California 	
Applications: Apply specified dosage in the following method:	
<ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. 	

RATE fluid ounces/Acre	RATE fluid ounces/1000 row-feet Based on average row spacing (in inches):							
	10	15	20	25	30	35	40	45
3.0	0.0285	0.04275	0.057	0.07125	0.0855	0.09975	0.114	0.12825
4.0	0.038	0.057	0.076	0.095	0.114	0.133	0.152	0.171
5.0	0.0475	0.07125	0.095	0.11875	0.1425	0.16625	0.19	0.21375
5.8	0.0551	0.08265	0.1102	0.13775	0.1653	0.19285	0.2204	0.24795

TREE, BUSH, and VINE CROPS

BANANA and PLANTAIN – soil treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers	8.0 - 16.0
Pests Suppressed	
Scales	8.0 - 16.0
Restrictions:	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces per Acre (0.5 lb AI per A) • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. 	
Applications: Apply specified dosage in the following method:	
<ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. 	

BANANA and PLANTAIN – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Thrips	3.2
Restrictions:	
<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Minimum interval between applications: 14 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fl oz per Acre (0.5 lb AI per A) • Use not permitted in California unless otherwise directed by supplemental labeling. 	
Applications: Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduce control relative to results from the ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines. Apply specified dosage as a broadcast or directed spray to infested area insuring thorough coverage. Apply ADVISE FOUR through properly calibrated ground or aerial application equipment. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to the results from ground application.	
Addition of an organosilicone adjuvant at a rate not to exceed 2.0 fluid ounces per 100 gallons, finished spray solution may improve coverage and pest control.	

BUSHBERRY – soil treatment

Crops of Crop Subgroup 13B including: Blueberry, Currant, Elderberry, Gooseberry, Huckleberry, Juneberry, Ligonberry,

CANEBERRY – soil treatment

Restriction: For use only in California

Crops of Crop Subgroup 13A including:

Blackberry (*Rubus eubatus*, including bingleberry, black satin berry, boysenberry, Cherokee blackberry, Chesterberry, Cheyenne blackberry, coryberry; darrowberry, dewberry, Dirksen thornless berry, Himalayaberry, hullberry, Lavacaberry, Loganberry, lowberry, Lucretiaberry, Mammoth blackberry, marionberry, nectarberry, olallieberry, Oregon evergreen berry, phenomenalberry, rangeberry, ravenberry, Shawnee blackberry, youngberry, and varieties and/or hybrids of these)

Raspberry (black and red, *Rubus occidentalis*, *Rubus strigosus*, *Rubus idaeus*)

Pests Controlled		Rate: Fluid ounces per acre
Aphids, Leafhoppers, Whiteflies		8.0 - 16.0
Rednecked cane borer		12.0 - 16.0
Pests Suppressed		
Thrips (foliage feeding thrips only)		8.0 - 16.0
	Restrictions:	
	<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Maximum ADVISE-FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI per acre) • Do not apply pre-bloom or during bloom or when bees are foraging. <p>Soil Application: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • Basal, soil drench in a minimum of 500 gallons solutions per acre. 	

CITRUS (Containerized) – soil treatment

Crops of Crop Group 10 including: Calamondin, Citrus citron, Citrus hybrids (includes chironja, tangelo, and tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Pummelo, Orange (sweet and sour), Satsuma mandarin, Tangelo, and other cultivars and/or hybrids of these.

Pests Controlled		Rate mL/"citra pot" (0.1 ft³ container media)
Aphids, Asian citrus psyllid, Blackfly, Citrus leafminer, Leafhoppers/Sharpshooters, Mealybugs, Scales, Whiteflies, Citrus root weevil (larval complex)		0.38-0.58
Pest Suppressed		
Thrips (foliage feeding thrips only)		0.58
	Restrictions:	
	<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Maximum ADVISE FOUR allowed per crop application: 0.58 mLs/0.1 ft³ container media. • Maximum ADVISE FOUR allowed per crop season: 3.5 mLs/plant • Do not apply pre-bloom or during bloom or when bees are foraging. <p>Applications: Determine volume of container and calculate dosage necessary to treat container. Apply calculated dosage of ADVISE FOUR per container as a soil drench or through low-pressure drip or trickle irrigation water. Use sufficient carrier volume to ensure thorough uniform distribution throughout the media without loss of gravitational water from the container. For optimal results, treatment should be made at planting prior to insect infestation. Retreat if necessary. For control of larvae of the citrus root weevil complex, make application prior to neonate larvae entering potting media. Utilize higher dosage for heavy infestations.</p>	

CITRUS (field) – soil treatment

Crops of Crop Group 10 including: Calamondin, Citrus citron, Citrus hybrids (includes chironja, tangelo, and tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Pummelo, Orange (sweet and sour), Satsuma mandarin, Tangelo, and other cultivars and/or hybrids of these.

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Asian citrus psyllid, Blackfly, Citrus leafminer, Leafhoppers/Sharpshooters, Mealybugs, Scales, Termites (FL only), Whiteflies	8.0 - 16.0
Pests/Diseases Suppressed	
Citrus nematode, Symptoms of Citrus tristeza virus (CTV) through vector control, Citrus yellows, Thrips (foliage feeding thrips only)	16.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Maximum ADVISE-FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI per Acre) <p>Applications: Apply specific dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. For optimum results, apply to newly planted trees or those previously trained to drip, trickle or micro-sprinkler irrigation. Pre-wet soil lightly to break soil surface tension prior to applications of ADVISE FOUR. Chemigation application can be made separate to normal irrigation but followed by 10 to 20 minutes of additional watering to move ADVISE FOUR into root-zone. Allow 24 hours before initiating subsequent irrigations. • Soil surface band spray on both sides of the tree. Overlap bands at the tree base to create a continuous band within the drip-line area of the tree, to be followed immediately with light sprinkler irrigation sufficient to move the product into the upper portion of the root-zone. This method is suitable for very coarse soils with 0.75% organic matter or less. • Drench to base of tree not exceeding one-quart total solution per tree immediately around trunk of tree and extending outward covering drench application to the basal portion of the tree trunk and surrounding soil in the immediate vicinity of the tree trunk. • For suppression of citrus nematode, apply specified dosage through low-pressure chemigation or soil surface band spray only, ensuring complete coverage of the root system and utilizing application directions stated above for the respective application method. Repeated and regular use of ADVISE FOUR over several consecutive growing seasons provides the greatest degree of nematode suppression and yields the greatest plant response. 	

CITRUS (field) – foliar treatment

Crops of Crop Group 10 including: Calamondin, Citrus citron, Citrus hybrids (includes chironja, tangelo, and tangor), Grapefruit, Kumquat, Lemon, Lime, Mandarin (tangerine), Pummelo, Orange (sweet and sour), Satsuma mandarin, Tangelo, and other cultivars and/or hybrids of these.

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Asian citrus psyllid, Blackfly, Leafhoppers-Sharpshooters, Leafminers, Mealybugs, Scales, Whiteflies	4.0 - 8.0 (depending on tree size, target pest and infestation pressure)
Pests Suppressed	
Thrips (foliage feeding thrips only)	4.0 - 8.0
	<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Minimum interval between applications: 10 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fluid ounces/Acre (0.5 lb AI per Acre) • Do not apply during bloom or within 10 days prior to bloom or when bees are foraging. <p>Applications: Scales – time applications to the crawler stage. Treat each generation. Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines.</p>

COFFEE- soil treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Leafminers	8.0 - 16.0
Pests Suppressed	
Scales	8.0 - 16.0
	<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces per Acre (0.5 lb AI per acre) • Do not apply pre-bloom or during bloom or when bees are foraging. • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • Subsurface side-dress shanked into the root-zone on both side of the plants followed by irrigation. • Basal, soil drench in sufficient water to insure incorporation into the root-zone followed by irrigation.

COFFEE - foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers, Leafminers	3.2
Pests Suppressed	
Scales	3.2
	<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fluid ounces per Acre (0.5 lb AI per acre) • Do not apply pre-bloom or during bloom or when bees are foraging. • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. <p>Applications: Apply specified dosage as a broadcast or directed spray to infested area insuring thorough coverage.</p> <p>ADVISE FOUR may be applied through properly calibrated ground or aerial application equipment. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application.</p> <p>Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines.</p>

CRANBERRY - soil treatment

Pest Controlled	Rate: Fluid ounces per acre
Rootgrubs (Scarabaeidae), Rootworms (Chrysoimelidae)	8.0 - 16.0
	<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 30 day • Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre) • Do not apply pre-bloom or during bloom or when bees are foraging. <p>Applications: Apply ADVISE FOUR to moist soil. Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • As a soil spray (ground application) directed to the root and crown area using a minimum of 20 gal of water per acre. • As a chemigation application with 600 to 1000 gal water. <p>Immediately upon application, incorporate ADVISE FOUR into root-zone with 0.1-0.3 inches water/Acre, either with the chemigation application or through irrigation/rainfall if not applied through chemigation. Inadequate incorporation within 24 hours of application may result in reduced control.</p> <p>Rootgrubs and Rootworms</p> <p>Make application post-bloom immediately after bees are removed. Target applications for early instar larvae. ADVISE FOUR has not been tested for crop response in tank mixes with other registered fungicides or</p>

insecticides. If tank mixing is desired, premix a sample of the ADVISE FOUR and the desired fungicide or insecticide partner at labeled rates and apply to a small area. Evaluate crop response within 48 hours and for at least two weeks prior to utilizing the tank mix on larger acreage. If crop injury results from the premix test, do not apply the tank mix to larger acreage.

GRAPE – soil treatment

Including: American bunch grape, Muscadine grape and Vinifera grape

Pests Controlled	Rate: Fluid ounces per acre
European fruit lecanium, Leafhoppers/ Sharpshooters, Mealybugs, <i>Phylloxera</i> * spp	8.0 - 16.0
Pest/Disease Suppressed	
Grapeleaf skeletonizer, Nematodes, Pierce's disease	12.0 - 16.0

Restrictions:

- Pre-Harvest Interval: 30 days
- Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre)

Applications: Apply specified dosage in one of the following methods:

- Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment.
- Subsurface side-dress shanked into the root-zone on both sides of the plants followed by irrigation.
- Hill drench in sufficient water to insure incorporation into the root-zone followed irrigation.
- For suppression of nematodes, apply 7 fluid ounces in a single application or two 3.5 fluid ounce applications on a 30 to 45 day interval. Apply treatment(s) only by 1) chemigation into root zone through above ground low-pressure drip, trickle, micro-sprinkler, or equivalent equipment; or 2) French plow technique, followed immediately by sufficient irrigation to move the product into the entire root-zone of the plant. Repeated and regular use of ADVISE FOUR over several consecutive growing seasons provides the greatest degree of nematode suppression and yields the greatest plant response.

For optimum results, make application(s) between bud-break and the pea-berry stage. A total of 14.7 fluid ounces/Acre is specified under any of the following conditions:

1. Where vigorous vine growth is expected;
2. In warmer growing areas;
3. Where mealybugs and European fruit lecanium populations are expected to be heavy,
4. Where vine population exceed 600 per acre, or;
5. For suppression of nematodes.

*Repeated and regular use of ADVISE FOUR over several, consecutive growing seasons controls existing *Phylloxera* infestations over time or prevents *Phylloxera* from becoming established.

GRAPE – foliar treatment

Including: American bunch grape, Muscadine grape and Vinifera grape

Pests Controlled	Rate: Fluid ounces per acre
Leafhoppers/Sharpshooters, Mealybugs	1.2 - 1.6
Grapeleaf skeletonizer	1.5 - 1.6

Restrictions:

- Pre-Harvest Interval: 0 days
- Minimum interval between applications: 14 days
- Maximum ADVISE FOUR allowed per year when making foliar applications: 3.2 fluid ounces/Acre (0.1 lb AI/Acre)

ADVISE FOUR may be applied by ground application only.

Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full size, mature trees or vines.

HOP – soil treatment

Pest Controlled	Rate: Fluid ounces per acre
Aphids	9.6
Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 60 days • Maximum ADVISE FOUR allowed per year when making soil applications: 9.6 fluid ounces/Acre (0.3 lb AI/Acre) • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. Applications: Apply specified dosage in one of the following methods: <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • Subsurface side-dress shanked into the root-zone on both sides of the plants followed by irrigation. • Hill drench in sufficient water to insure incorporation into the root-zone followed by irrigation. 	

HOP – foliar treatment

Pest Controlled	Rate: Fluid ounces per acre
Aphids	3.2
Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 28 days • Minimum interval between applications: 21 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 9.6 fluid ounces/Acre (0.3 lb AI/Acre) Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines.	

POME FRUIT – soil treatment

Crops of Crop Group 11 including: Apply, Crabapple, Loquat, May haw, Pear (including Oriental pear), Quince

Pests Controlled	Rate: Fluid ounces per acre
Aphids (including Woolly apple aphid), Leafhoppers	8.0 - 12.0
 Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed per year when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI/Acre) • Do not apply pre-bloom or during bloom or when bees are foraging. Applications: Apply specified dosage in the following method: <ul style="list-style-type: none"> • Chemigation into the root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. 	

POME FRUIT – foliar treatment

Crops of Crop Group 11 including: Apply, Crabapple, Loquat, May haw, Pear (including Oriental pear), Quince

Pests Controlled	Rate: Fluid ounces per acre
Leafhoppers	1.6 - 3.2
Aphids (including Woolly apple aphid), Apple maggot, Leafminers, San Jose scale	3.2
FOR PEAR ONLY: Mealybugs, Pear Phyla	8
 Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 10 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre) • Do not apply pre-bloom or during bloom or when bees are foraging. Applications: Applications targeting apple maggot should be combined with manufacturer's specified rate of a sticker, such as Nu-Film 17. Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For	

tree and vine crops, application rates are based on full-size, mature trees or vines.

POMEGRANATE – soil treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers/Sharpshooters, Whiteflies	8.0-16.0
 Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI per acre) • Do not apply pre-bloom or during bloom or when bees are foraging. • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. Applications: Apply specified dosage in the following method: Chemigation into the root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment.	

POMEGRANATE – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers/Sharpshooters, Whiteflies	3.2
Pests suppressed	
Scales	3.2
 Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 9.6 fluid ounces/Acre (0.3 lb AI per acre) • Do not apply pre-bloom or during bloom or when bees are foraging. • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines.	

STONE FRUIT – soil treatment

Crops of Crop Group 12 Including: Apricot, Cherry (including sweet and tart), Nectarine, Peach, Plum (including Chickasaw, Damson, and Japanese), Plum cot, Prune (fresh and dried)

In-field, Soil Application	
Pests Controlled	Rate: Fluid ounces per acre
Aphids (including Woolly apple aphid), Leafhoppers	8.0 - 12.0
 Restrictions: <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 21 days • Maximum ADVISE FOUR allowed per year when making soil applications: 12.0 fluid ounces/Acre (0.38 lb AI/Acre) • Do not apply pre-bloom or during bloom or bees are foraging. Applications: Apply specified dosage in the following method: • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment.	
	Pre-plant, Root Dip Application
Pest Controlled	Rate: Fluid ounces per 10 gallons root-dip solution
Black peach aphid (infesting roots)	1.0
Mix ADVISE FOUR at 1.0 fluid ounces per 10 gallons of water. Thoroughly wet bare-root transplant to slightly above the graft union by soaking roots in the ADVISE FOUR solution for up to 5 minutes. Allow solution to dry on roots and transplant trees as soon as possible following treatment.	

STONE FRUIT – foliar treatment

Crops of Crop Group 12 Including: Apricot, Cherry (including sweet and tart), Nectarine, Peach, Plum (including Chickasaw, Damson, and Japanese), Plum cot, Prune (fresh and dried)

Pests Controlled		Rate: Fluid ounces per acre
Aphids, Green June beetle, Japanese beetle, Leafhoppers/Sharpshooters, Plant bugs, Rose chafer, San Jose scale		1.6 - 3.2
Cherry fruit fly		2.4 - 3.2
Pests Suppressed		
Plum curculio, Stink bugs		3.2
	Restrictions for Apricot, Nectarine, Peach:	
	<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 0 day • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 9.6 fluid ounces/Acre (0.3 lb AI/Acre) • Minimum application volume (water): 50 GPA – ground application, 25 GPA – aerial application. • Do not apply pre-bloom or during bloom or bees are foraging. 	
	Restrictions for Cherries, Plums, Plumcot, Prune:	
	<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 10 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre) • Minimum application volume (water): 50 GPA – ground application, 25 GPA – aerial application. • Do not apply pre-bloom or during bloom or bees are foraging. 	
<p>Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines.</p>		

TREE NUTS (except Almond) – soil treatment

Crops of Crop Group 14 Including: Beechnut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert, Hickory nut, Macadamia nut, Pecan, Pistachio, Walnut [black and English]

Pests Controlled		Rate: Fluid ounces per acre
Aphids, Leafhoppers/Sharpshooters, Mealybugs, Spittlebugs, Termites, Whiteflies		8.0 - 16.0
Pests/Diseases Suppressed		
Pecan scab (from reduction in honeydew deposition)		8.0 - 16.0
Thrips (foliage feeding thrips only)		16.0
	Restrictions:	
	<ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre) • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling, except pecan. • Do not apply pre-bloom or during bloom or bees are foraging. 	
Applications: Apply specified dosage prior to or at onset of pest infestation in one of the following methods:		
<ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent irrigation equipment. Pre-wet soil lightly to break soil surface tension prior to applications of ADVISE FOUR and allow soil to dry following application and prior to subsequent irrigation. • Emitter or spot application in a minimum of 4 fluid ounces of mixture per emitter site. • Shank or subsurface side-dress, injected to a depth just above or just within the root zone and between the trunk and drip line of the tree canopy. Apply product with a minimum of 10 gallons per acre using multiple shanks on both sides of trees. Ensure product placement is below sod or orchard floor debris. Irrigate entire treated area in the following 48 hours to promote uptake by root system. • For control of termites, apply specified dosage to slightly moist soil as a high-volume drench to the basal portion of the tree trunk and surrounding soil in the immediate vicinity of the tree trunk. Utilize sufficient carrier volume to penetrate the soil to a depth of 18-24 inches to obtain optimum control. Allow soil to dry following treatment and prior to applying any irrigation. • For pecans, applications can be made from May 15 up to July 15. Applications made later in the season may result in reduced efficacy. 		

TROPICAL FRUIT – foliar treatment

Including: Acerola, Atemoya¹, Avocado, Birida¹, Black sapote, Canistel, Cheremoya¹, Custard apple¹, Feijoa, Jaboticaba, Guava, Llama¹, Longan, Lychee, Mamey sapote, Mango, Papaya, Passionfruit, Persimmon, Pulasan, Rambutan, Sapodilla, Soursop¹, Spanish lime, Star apple, Starfruit, Sugar apple¹, Wax jambu

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers/Sharpshooters, Mealybugs, Thrips (foilage-feeding thrips only), Whiteflies	3.2
Pests Suppressed	
Scales	3.2
 <p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 7 days • Minimum interval between applications: 10 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fluid ounces/Acre (0.5 lb AI/A) • Do not apply pre-bloom or during bloom or when bees are foraging. • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. <p>Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or from improved control of other pests. Aerial application of ADVISE FOUR may result in slower activity and reduced control relative to results from ground application. For tree and vine crops, application rates are based on full-size, mature trees or vines.</p>	

OTHER CROPS

CHRISTMAS TREE – soil treatment

Pests Controlled	Rate: Fluid ounces per acre
White grub complex (damage from grubs of Asiatic garden beetle, European and Masked chafer, Japanese beetle and Oriental beetle)	8.0 - 16.0
<p>Restrictions:</p> <ul style="list-style-type: none"> • Maximum ADVISE FOUR allowed per year when making soil applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre) • Use not permitted in California unless otherwise directed by state-specific 24(c) labeling. <p>Applications: Soil incorporation and movement of ADVISE FOUR to the root-zone is required for activity. ADVISE FOUR can be incorporated most readily when applied to moist soil. Apply specified dosage in one of the following methods:</p> <ul style="list-style-type: none"> • Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. • 18-inch band on each side of the row (small trees) to full broadcast application (large trees) followed by rainfall or 0.25-1 inch of irrigation within 12 hours after application. <p>For optimal grub control, apply ADVISE FOUR during adult flight activity, or up to mid-July, when 1st instar larvae are present.</p>	

CHRISTMAS TREE – foliar treatment

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Adelgids, Sawflies	1.6 - 3.2
<p>Restrictions:</p> <ul style="list-style-type: none"> • Minimum interval between applications: 7 days • Maximum ADVISE FOUR allowed per year when making foliar applications: 16.0 fluid ounces/Acre (0.5 lb AI/Acre) <p>Applications: Gall-forming adelgids – time applications to coincide with full bud-swell of earliest bud-breaking trees. Once galls form spraying will be ineffective.</p> <p>Apply specified rate per acre as a broadcast or directed foliar spray to infested area as pest populations begin to build. Thorough uniform coverage is necessary to achieve optimum control. A spray adjuvant may be used to improve coverage. ADVISE FOUR may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. ADVISE FOUR may be tank mixed with other insecticides as specified for knockdown of pests or for improved control of other pests.</p>	

POPLAR/COTTONWOOD – soil treatment

(includes members of the genus *Populus* grown for pulp or timber)

Field Application. See details below for Cuttings/Whips Application.

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Cottonwood leaf beetle	8.0 - 16.0
Pest Suppressed	
Phylloxera popularia	8.0 - 16.0



Restrictions:

- Maximum ADVISE FOUR allowed at-plant per year: 16.0 fluid ounces/Acre (0.5 lb AI/Acre)
- Do not apply pre-bloom or during bloom or when bees are foraging.

Applications: Apply specified dosage in the following method:

- Chemigation through low-pressure drip irrigation.
- For narrow-row, cutting orchards/nurseries used for plant propagation, shank into root-zone followed by adequate irrigation to promote uptake. (Adequate irrigation depends on soil moisture level at application. Under dry conditions, irrigate with 0.25 inches/Acre).

For Cottonwood leaf beetle, protection against damage will occur when application is made early-season, when the beetles first begin feeding. Larger trees may require earlier treatment as a result of slower uptake.

For *Phylloxera*, apply early in the year from break of dormancy through May.

Cutting/Whip Application. See details above for Field Application.

Pests Controlled	Cutting/Whip Soaking Solution fluid ounces ADVISE FOUR Needed per 100 gallons
Cottonwood leaf beetle	6.6 - 13.3 (unhydrated cuttings/whips) 13.3 - 20.0 (partially hydrated cuttings/whips)
Pests Suppressed	
Aphids, Phylloxera popularis	6.6-13.3 (unhydrated cuttings/whips) 13.3-20.0 (partially hydrated cuttings/whips)

Restrictions:

- Maximum ADVISE FOUR allowed at-plant per crop season: 16.0 fluid ounces/Acre (0.5 lb AI/Acre)
- Use not permitted in California unless otherwise directed by state-specific 24(c) label.

Applications: Moisture content of cuttings/whips prior to application, the solution concentration, and the length of soaking interval interact to affect the amount of product absorbed into plant material. For a constant soaking interval of 24 hours, drier cuttings/whips absorb a higher quantity of solution and require a lower concentration. Conversely, more hydrated cuttings/whips absorb less solution and require a higher concentration. Soaking of cutting/whips should occur in a covered container in absence of UV light. Not all *Populus* spp. clones/varieties/hybrids have been tested for crop safety. Without specific knowledge about a particular *Populus* spp. clone/variety/hybrid, Winfield Solutions, LLC. recommends that small numbers of cuttings/whips of each be treated and evaluated prior to commercial use.

Apply ADVISE FOUR in one of the following cuttings/whips soaking methods:

- For freshly cut (unhydrated) cuttings/whips, soak plant material in specified solution concentration for 24 hours prior to cold storage. After removal from cold storage, plant as needed.
- For previously hydrated cuttings/whips removed from cold storage, allow plant material to reach room temperature and soak in specified solution concentration for 24 hours prior to planting.

Take proper care in disposal of any residual soaking solution. Solution may be applied to existing trees or other registered crops as long as all product label precautions and restrictions are observed.

