

89168-27

1/14/2014

1/17



U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs
Registration Division (7505P)
1200 Pennsylvania Ave., N.W.
Washington, D.C. 20460

EPA Reg. Number:

89168-27

Date of Issuance:

JAN 14 2014

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Term of Issuance:
Conditional

Name of Pesticide Product:
Liberty Teb-Imida SC

Name and Address of Registrant (include ZIP Code):

Liberty Crop Protection, LLC
1966 W. 15th Street, Suite 6
Loveland, CO 80538

Mailed To:

Scott Baker
Lighthouse Product Services LLC
1966 W. 15th Street, Suite 6
Loveland, CO 80538

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

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

This product is conditionally registered in accordance with FIFRA section 3(C)(7)(A), provided that you:

1. Submit and/or cite all data required for reregistration/registration review of your product under FIFRA when the Agency requires all registrants of similar products to submit such data. See the data requirements in the attached Generic DCI ID# RR-129099-30160 issued on November 10, 2010.
2. You have 90 days from the date of this Notice to provide a response on how you will fulfill the data requirements listed in the DCI referenced in item 1 above by the deadline described in the DCI. The last study due date for this DCI is 10/31/14 for the pollen and nectar residue studies. The only extended study is the field testing for pollinator study which was extended by the Agency until 10/31/14. Outside of these two studies, submissions for all other data requirements are in review with the Agency or a waiver has been granted by the Agency.

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Signature of Approving Official:

Hope A. Johnson, Product Manager (21)
Fungicide Branch, Registration Division (7504P)

Date:

JAN 14 2014

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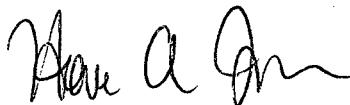
3. Make the following changes to the label:
 - a. Change the product registration number to "EPA Reg. No. 89168-27"
 - b. Add appropriate Net Contents information to the label
 - c. Add an appropriate EPA Establishment Number to the label
4. Submit one copy of the revised final printed label before the product is released for shipment.

You also must submit the outstanding data storage stability and corrosion characteristics (830.6317 and 830.6320, respectively) by 3/3/2014.

If these requirements are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions. A copy of the label stamped "Accepted" is enclosed for your records.

The basic formulation CSF dated July 17, 2013 of the product referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act is acceptable. The basic CSF will be added to your file.

Sincerely,



Hope A. Johnson
Product Manager (21)
Fungicide Branch
Registration Division (7504P)

Enclosure: Label stamped "Accepted"
Product Chemistry Review DP 412271, dated 10/31/13
Acute Toxicity Review DP412272, dated 11/26/13

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Liberty Teb-Imida SC

Controls listed diseases and insects, for use in the maintenance of plant health.

ACTIVE INGREDIENT	% BY WT.
Tebuconazole, alpha-[2-(4-chlorophenyl)ethyl]-alpha-(1,1-dimethylethyl)-1 H-1,2,4-triazole-1-ethanol	20.00%
Imidacloprid: 1-[(6-Chloro-3-pyridinyl)methyl] -N-nitro-2-imidazolidinimine	12.00%
OTHER INGREDIENTS:	68.00%
TOTAL:	100.00%

Contains 1.81 lbs./gal tebuconazole and 1.09 lbs./gal. imidacloprid

Shake well before using.

STOP-Read the label before use.

KEEP OUT OF REACH OF CHILDREN

CAUTION

FIRST AID
IF ON SKIN OR CLOTHING: <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
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 to an unconscious person.
Have the product container or label with you when calling a poison control center, doctor, or going for treatment. For emergency medical treatment information you may also call the National Pesticides Information Center (NPIC) at 1-800-858-7378 (NPIC Web site: www.npic.orst.edu) or poison control 1-800-222-1222.

See inside booklet for additional Precautionary Statements, Directions for Use, and Limitation of Warranty and Liability.

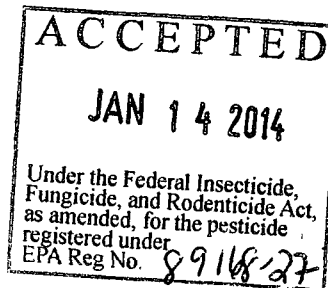
EPA Reg. No. 89168-

Net Contents: ___ Gal.

EPA Est. No.

Manufactured For:

Liberty Crop Protection LLC
1966 W 15th Street
Suite 6
Loveland, CO 80538



010914

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION. Harmful if absorbed through skin. Harmful if swallowed. Avoid contact with skin, eyes, or clothing. Wear long sleeved shirt, long pants, shoes, socks, and chemical resistant gloves.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical resistant to this product are listed below. More options can be obtained by following the instructions for Category C on an EPA chemical-resistance category selection chart.

Applicators and other handlers must wear:

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

User Safety Requirements

Follow manufacturer's instructions for cleaning/maintaining personal protective equipment, PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

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:

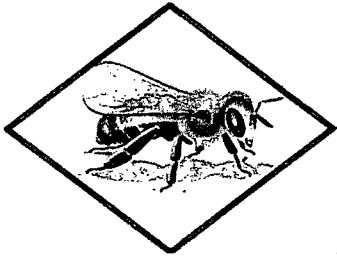
- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as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

ENVIRONMENTAL HAZARDS

This product is toxic to wildlife, mammals, fish, and highly toxic to aquatic invertebrates. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. 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.

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

Ground Water Advisory

Tebuconazole is known to leach through soil into ground under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Imidacloprid 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 ground water contamination.

Surface Water Advisory: This product may contaminate water through drift of spray in wind. This product has a high potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to runoff that contains this product. A level, well maintained vegetative buffer strip between areas to which this product is applied and surface water features such as ponds, streams, and springs will reduce the potential for contamination of water from rainfall- runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted within 48 hours.

Physical and Chemical Hazards - Do not store or handle near heat or oxidizing agents.

DIRECTIONS FOR USE

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the Agency responsible for pesticide regulation.

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 & 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 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.

AGRICULTURAL USE REQUIREMENTS

Use this product in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170.

This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry intervals. 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.

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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

- Coveralls
- Chemical-resistant gloves made of any waterproof material such as barrier laminate, butyl rubber, nitrile rubber, neoprene rubber, polyethylene, polyvinyl choride (PVC), or Viton
- Shoes plus socks

OBSERVE THE FOLLOWING RESTRICTIONS 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.

- Apply only during alternate years in fields adjacent to aquatic areas listed above.
- Do not apply by ground or air within 100 feet of aquatic areas listed above.
- Do not cultivate within 10 feet of an aquatic area to allow growth of a vegetative filter strip.

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.

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, applications should be made 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 airstream as much as possible and by avoiding excessive spray boom pressure.

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.

Airblast (Air Assist) Instructions for Tree Crops and Vineyards

Airblast sprayers carry droplets into the canopy of trees/vines via a radially, or laterally directed air stream. The following specific drift management practices must be followed:

- 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.

Mixing and Loading Requirements

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 specified. If containment pad is not used, maintain a minimum distance of 25 feet between mixing and loading area and potential surface to groundwater conduits such as field sumps, uncased well heads, sinkholes, or field drains.

For Aerial Applications

The spray boom should be mounted 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.

No-Spray Zone Requirements for Foliar Applications

Do not apply by ground within 100 feet, or by air within 150 feet of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries, and commercial fish farm ponds.

No-Spray Zone Requirements for Soil Applications

Do not apply within 100 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, Best Management Practice for minimizing runoff should be employed. Consult your local Natural Resources Conservation Service for advice 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 diseases and insects are known to develop resistance after repeated use. As with any fungicide or insecticide, the use of this product should conform to resistance management strategies established for the use area. Liberty Teb-Imida SC contains a Group 3 fungicide (Demethylation inhibitor) and 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.

Imidacloprid, one active ingredient in Liberty Teb-Imida SC, is a member of the neonicotinoid chemical class. Avoid using a block of more than three consecutive applications of Liberty Teb-Imida SC and/or other Group 4A products having the same or similar mode of action. Following a neonicotinoid block of treatments, Liberty strongly encourages the rotation to a block of applications with effective products of 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 as effective use strategy for preventing or delaying an insect pests ability to develop resistance to this class of chemistry.

Foliar applications of Liberty Teb-Imida SC or other Group 4A products from the neonicotinoid chemical class should not be used on crops previously treated with a long-residual, soil-applied product from the neonicotinoid chemical class.

Other Group 4A, neonicotinoid products used as foliar treatments include: Actara, Assail, Calypso, Centric, Clutch, Couraze, Gallant, 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/>.

APPLICATION DIRECTIONS

Foliar Application:

Do not apply Liberty Teb-Imida SC in enclosed structures such as greenhouses or planthouses.

Apply Liberty Teb-Imida SC 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 Liberty Teb-Imida SC on leaves and fruit may result in loss of insect control or delay in onset of activity. Liberty Teb-Imida SC may be applied with 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. Liberty Teb-Imida SC may also be applied by overhead chemigation (see additional Chemigation Directions for Use section below) if allowed in crop specific Application section.

Liberty Teb-Imida SC use on crops grown for production of true seed intended for private or commercial planting is not permitted unless specifically approved under state-specific 24(c) Special Local Needs

labeling. As with any insecticide, care must be taken to minimize exposure of Liberty Teb-Imida SC to honey bees and other pollinators. Information on Liberty Teb-Imida SC uses, crops and other questions may be obtained from the Cooperative Extension Service, PCAs, consultants, or local Liberty representatives.

HOPS – Foliar Application

Pests Controlled	Rate: Fluid ounces per acre
Aphids Powdery mildew (<i>Sphaerotheca humuli/Spharerotheca maculans</i>)	13
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 28 days • Minimum interval between applications: 21 days • Do not apply more than 0.90 lb. a.i. of all Tebuconazole containing products (63.6 fl. oz. of this product) per acre per year. • Do not apply more than 0.30 lb. a.i. of all Imidacloprid containing products (35 fl. oz. of this product) per acre per year. <p>NOTE: Maximum application of this product, per acre, per year, for this use is 35 fl. oz.</p> <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. Liberty Teb-Imida SC may not knockdown established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. Liberty Teb-Imida SC may be tank mixed with other insecticides for knockdown of pests or from improved control of other pests. Aerial application of Liberty Teb-Imida SC 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>	

PECANS – Foliar Application

Pests Controlled	Rate: Fluid ounces per acre
Aphids (except black pecan aphid), Leafhoppers/Sharpshooters, <i>Phylloxera</i> spp. (leaf infestations), Spittlebugs, Whiteflies Brown leaf spot (<i>Sirosponum diffusium</i>) Downy spot (<i>Mycosphaerella caryigena</i>) Liver spot (<i>Gnomonia caryae</i>) Scab (<i>Cladosponum caryigenum</i>) Vein spot (<i>Gnomonia nerviseda</i>) Zonate leaf spot (<i>Grovesima pyramidalis</i>)	8.5 – 13
Black pecan aphid, Mealybugs, San Jose scale,	13

Restrictions:

- Pre-Harvest Interval (PHI): 7 days
- Minimum interval between applications: 6 days
- **Do not** apply more than 0.90 lb. a.i. of all Tebuconazole containing products (63.6 fl. oz. of this product) per acre per year.
- **Do not** apply more than 0.36 lb. a.i. of all Imidacloprid containing products (42.3 fl. oz. of this product) per acre per year.

NOTE: Maximum application of this product, per acre, per year, for this use is 42.3 fl. oz.

- Minimum application volume (water): 50 GPA - ground application, 25 GPA -aerial application.
- Do not apply pre-bloom or during bloom or when bees are foraging.

Applications: Applications for control of San Jose scale should be timed according to crawler stage, treating each successive generation. Two applications on a 10- to 14-day interval may be required to achieve control.

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. Liberty Teb-Imida SC may not knock down established and heavy insect populations. Two applications may be required to achieve control. Scout fields and retreat if needed. Liberty Teb-Imida SC may be tank mixed with other insecticides for knockdown of pests or from improved control of other pests. Aerial application of Liberty Teb-Imida SC 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.

SOYBEANS – Foliar Application

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Bean leaf beetle, Cucumber beetles/Rootworm adults, Japanese beetle (adults), Leafhoppers, Whiteflies Rust (<i>Phakospora pachyrhizi</i>) Powdery mildew (<i>Microsphaera diffusa</i>)	6.4
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-harvest Interval (PHI): 21 days • Minimum interval between applications: 7 days • Do not apply more than 0.33 lb. a.i. of all Tebuconazole containing products (23.3 fl. oz. of this product) per acre per year. • Do not apply more than 0.14 lb. a.i. of all Imidacloprid containing products (16.4 fl. oz. of this product) per acre per year. <p>NOTE: Maximum application of this product, per acre, per year, for this use is 16.4 fl. oz.</p> <p>Applications: Apply Liberty Teb-Imida SC through properly calibrated ground and aerial application equipment.</p>	

Soil Application:

Direct applications of Liberty Teb-Imida SC into the seed or root-zone of crop. Failure to place Liberty Teb-Imida SC into root-zone may result in loss of control or delay in onset of activity. Apply Liberty Teb-Imida SC by ground application or chemigation application. For seedling flats or trays, only apply with broadcast, foliar applications or where product is intended to be washed from foliage to soil prior to drying on foliage.

Optimum activity of Liberty Teb-Imida SC results from applications to the root-zone of plants to be protected. The earlier Liberty Teb-Imida SC is available to a developing plant, the earlier the protection begins. Liberty Teb-Imida SC is continuously taken into the roots over a long period of time and the

systemic nature of Liberty Teb-Imida SC allows movement from roots through the xylem tissue to all vegetative parts of the plant. This results in extended residual activity of Liberty Teb-Imida SC, the control of insects and the prevention and/or reduction of virus transmission or symptom expression, and plant health benefits. The rate of Liberty Teb-Imida SC applied affects the length of the plant protection period. Use the higher specified listed rates when infestations occur later in crop development, or where pest pressure is continuous. Liberty Teb-Imida SC 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. Additional, specific Liberty Teb-Imida SC application rates are also provided in the crop-specific sections of this label.

RESTRICTIONS:

- Do not apply with aerial application equipment
- Do not apply more than 0.5 lb. imidacloprid active ingredient per acre, per year regardless of formulation or method of application, unless specified within a crop-specific section for a given crop.
- 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.

HOPS¹- SOIL

Pests Controlled	Rate: Fluid ounces per acre
Aphids	14 - 40
<p>Restrictions:</p> <ul style="list-style-type: none"> • Pre-Harvest Interval (PHI): 60 days <ul style="list-style-type: none"> • Do not apply more than 0.90 lb. a.i. of all Tebuconazole containing products (63.6 fl. oz. of this product) per acre per year. • Do not apply more than 0.30 lb. a.i. of all Imidacloprid containing products (35 fl. oz. of this product) per acre per year. <p>NOTE: Maximum application of this product, per acre, per year, for this use is 35 fl. oz.</p> <p>Applications: Apply specified rate in one of the following methods:</p> <ol style="list-style-type: none"> 1. Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent equipment. 2. Subsurface side-dress shanked into the root-zone on both sides of the plants followed by irrigation. 3. Hill drench in sufficient water to insure incorporation into the root-zone followed by irrigation. <p>Use the higher specified rate within the specified rate range where extended residual control is desired or for treating larger vines or vines with dense foliage volume.</p>	

PECANS¹- SOIL

Pests Controlled	Rate: Fluid ounces per acre
Aphids, Leafhoppers/Sharpshooters, Mealybugs, Spittlebugs, Termites, Whiteflies	34.0-68.0
Pests/Diseases Suppressed	
Pecan scab (from reduction in honeydew deposition)	34.0-68.0
Thrips (foliage-feeding thrips only)	68.0

Restrictions:

- **Pre-Harvest Interval (PHI): 7 days**
- **Do not** apply more than 0.90 lb. a.i. of all Tebuconazole containing products (63.6 fl. oz. of this product) per acre per year.
- **Do not** apply more than 0.50 lb. a.i. of all Imidacloprid containing products (58.5 fl. oz. of this product) per acre per year.

NOTE: Maximum application of this product, per acre, per year, for this use is 58.5 fl. oz.

- Do not apply pre-bloom or during bloom or when bees are actively foraging.

Applications: Apply specified rate prior to or at onset of pest infestation in one of the following methods:

1. Chemigation into root-zone through low-pressure drip, trickle, micro-sprinkler, or equivalent irrigation equipment. Pre-wet soil prior to applications of Liberty Teb-Imida SC and allow soil to dry following application and prior to subsequent irrigation.
2. Emitter or spot application in a minimum of 4 fluid ounces of mixture per emitter site.
3. 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 in 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 within 48 hours to promote uptake by root system.

For control of termites, apply specified rate 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.

Remarks: Use the higher specified rates within the rate range when applied by shank or subsurface side-dress, used on larger trees, soils with high clay content, for high plant populations, and/or where extended control is desired. Under some conditions, control may not occur for 14 or more days or until two (2) irrigations have been made. Applications made later in the season may result in reduced efficacy.

MIXING INSTRUCTIONS

Liberty Teb-Imida SC is a suspension concentrate (flowable) formulation with unique qualities and should be shaken well prior to measuring/mixing. The formulation is thixotropic and after sitting for a short time reverts to a gel or thick paste consistency helping to prevent phase separation common to most "flowables". After moderate shaking, the formulation thins to a relatively non-viscous liquid which pours and measures easily with very few trapped air bubbles – another common problem of most flowables.

Liberty Teb-Imida SC has demonstrated easy mixing/blending in water with varying degrees of hardness and temperature. Liberty Teb-Imida SC has demonstrated good mixing and compatibility with many fluid fertilizers without dilution with water. However, because fertilizers vary widely in quality and composition, it is suggested that a jar test be performed (see Compatibility Note below) prior to full-scale mixing.

To prepare the application mixture, add a portion of the required amount of water to the tank and with agitation, add Liberty Teb-Imida SC. Complete filling tank with balance of water needed. Maintain sufficient agitation during both mixing and application. Liberty Teb-Imida SC may also be used with other pesticides and/or fertilizer solutions. **Please see Compatibility note below.** When tank mixtures of Liberty Teb-Imida SC and other pesticides are involved, prepare the tank mixture as described above and follow suggested Mixing Order below.

Mixing Order

When pesticide mixtures are needed, add wettable powders or wettable granules first, Liberty Teb-Imida

SC and other flowable (suspension concentrate) products second, and emulsifiable concentrates 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. Follow the most restrictive precautions and limitations on the labeling of all products used in mixtures.

Compatibility Note

Test compatibility of the intended mixture before adding Liberty Teb-Imida SC 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 formation of precipitates that do not readily redisperse indicates an incompatible mixture that should not be used. For further information, contact your local Liberty representative.

CHEMIGATION

Refer to **Directions For Use** section before proceeding with chemigation application.

For Soil Application: Chemigation applications of Liberty Teb-Imida SC may only be made to crops through chemigation systems as specified in crop-specific Application Instructions section and only through low-pressure systems unless specified for a given crop. DO NOT apply Liberty Teb-Imida SC through any other type of irrigation system.

For Foliar Application: Chemigation applications of Liberty Teb-Imida SC may be made to crops through overhead sprinkler chemigation if specified in crop-specific instruction sections. DO NOT apply Liberty Teb-Imida SC through any other type of irrigation system. Make foliar chemigation applications of Liberty Teb-Imida SC as concentrated as possible. Retention of Liberty Teb-Imida SC on target site of insect infestation is necessary for optimum activity. DO NOT chemigate Liberty Teb-Imida SC in water volumes exceeding 0.10 inch/Acre.

Water Volume: Liberty Teb-Imida SC chemigation applications should be made as concentrated as possible. Retention of Liberty Teb-Imida SC on target site of insect infestation is necessary for optimum activity. Do not chemigate Liberty Teb-Imida SC in water volumes exceeding 0.10 inch/acre.

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, 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 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. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected. 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 systems means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or 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 automatic quick-closing check valve to prevent the flow of fluid back toward the injection. 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 fitted 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.

<p>IMMEDIATE PLANT-BACK: All crops on this label plus the following crops not on this label: barley, canola, corn (field, pop & sweet), rapeseed, sorghum, soybean, sugarbeet and wheat.</p>
<p>30-DAY PLANT-BACK: Cereals (including buckwheat, millet, oats, rice, rye, and triticale), safflower</p>
<p>12-MONTH PLANT-BACK: All Other Crops</p>
<p>* Cover crops for soil building or erosion control may be planted any time, but do not graze or harvest for food or feed.</p>

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 HANDLING:

Nonrefillable container (equal to or less than 5 gallons): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. 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 ¼ 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. Offer for recycling, if available 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): Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container ¼ 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 20 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 mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Offer for recycling, or puncture and dispose of in a sanitary landfill, or incineration, or if allowed by State and local authorities, by burning. If burned, stay out of smoke.

CONDITION OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather, presence of other materials or other influencing factors in the use of the product, which are beyond the control of LIBERTY CROP PROTECTION, LLC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and Buyer and User agree to hold LIBERTY CROP PROTECTION, LLC and Seller harmless for any claims relating to such factors.

LIBERTY CROP PROTECTION, LLC warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. This warranty

does not extend to the use of this product contrary to label instructions, or under abnormal conditions or under conditions not reasonably foreseeable to or beyond the control of Seller or LIBERTY CROP PROTECTION, LLC, and Buyer and User assume the risk of any such use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LIBERTY CROP PROTECTION, LLC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

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