



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

EPA Reg. Number:

34704-1191

Date of Issuance:

12/20/22

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

LPI.A045

Name and Address of Registrant (include ZIP Code):

Loveland Products, Inc.
 c/o Pyxis Regulatory Consulting Inc.
 4110 136th St. Ct. NW
 Gig Harbor, WA 98332

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 unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.
2. Submit one copy of the revised final printed label for the record before you release the product for shipment.

Signature of Approving Official:

Tamica Cain
 Tamica Cain, Product Manager 10
 Invertebrate & Vertebrate Branch 2
 Registration Division (7505T)

Date:

12/20/22

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6. Your release for shipment of the product constitutes acceptance of these conditions. A stamped copy of the label is enclosed for your records. Please also note that the record for this product currently contains the following CSFs:

- Basic CSF dated 11/05/2021
- Alternate CSF 1 dated 11/05/2021

If you have any questions, please contact David Gardner by phone at (202) 566-2677, or via email at gardner.david@epa.gov

Enclosure

{Note to reviewer: [Text] in brackets denotes optional or explanatory language}
{Note to reviewer: {Text} in braces denotes where in the final label text will appear}
{BOOKLET FRONT PANEL LANGUAGE}

Restricted Use Pesticide

Due to toxicity to aquatic invertebrate animals.
For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

DIFLUBENZURON GROUP **15** INSECTICIDE

LPI.A045TM

[Contains diflubenzuron, the active ingredient used in Micromite® 80WGS].

[Insect Growth Regulator] [For Use on Citrus Fruits, Crop Group 10-10] [Not for Homeowner/Residential Use]
[Water Dispersible Granule] [See Precautions for water soluble package]

ACTIVE INGREDIENT:	(% by weight)
Diflubenzuron	
N-[[[4-Chlorophenyl]amino]carbonyl]-2,6-difluorobenzamide.....	80%
OTHER INGREDIENTS:	<u>20%</u>
TOTAL	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

[See below for additional Precautionary Statements]

[See inside label booklet for additional Precautionary Statements and Directions for Use]

FIRST AID

If on skin:	<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 in eyes:	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Rocky Mountain Poison and Drug Safety at **1-866-944-8565** for emergency medical treatment information.

For Chemical Emergency:
Spill, Leak, Fire, Exposure, or Accident,
Call CHEMTREC Day or Night

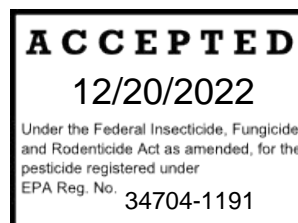
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

[LPI.A045 is not manufactured, or distributed by UPL NA Inc., seller of Micromite® 80WGS.]

EPA Reg. No.: 34704-1191
Net Weight:

EPA Est. No.:
[EPA APPROVAL DATE]

Manufactured for:
Loveland Products, Inc.
P.O. Box 1286
Greeley, CO 80632-1286 USA



{LANGUAGE INSIDE BOOKLET}

PRECAUTIONARY STATEMENTS **HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear: Long-sleeved shirt and long pants; waterproof gloves; shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash thoroughly with soap and water after handling and 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 into clean clothing.

ENGINEERING CONTROLS STATEMENT

Water soluble packets, when used correctly, qualify as a closed mixing/loading system under the Worker Protection Standard [40 CFR 170.607(d-f)]. Mixers and loaders handling this product while it is enclosed in intact water-soluble packets may elect to wear reduced PPE of long-sleeved shirt, long pants, shoes, socks, a chemical-resistant apron, and chemical-resistant gloves. When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for “applicators and other handlers” and have such PPE immediately available for use in an emergency, such as in case of a spill or equipment break-down.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic invertebrate organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters.

This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce 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 or water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product’s contribution to surface water contamination.

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 foliar application.

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.

Physical and Chemical Hazards

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

DIRECTIONS FOR USE

Restricted Use Pesticide

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

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

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

- coveralls over long-sleeved shirt and long pants
- chemical-resistant footwear and
- chemical-resistant waterproof gloves
- shoes plus socks.

MANDATORY SPRAY DRIFT MANAGEMENT

Aerial Applications:

- Do not release spray at a height greater than 10 ft above the ground or vegetative canopy, unless a greater application height is necessary for pilot safety.
- Applicators are required to use a fine or coarser droplet size (ASABE S572.1).
- Applicators must use 1/2 swath displacement upwind at the downwind edge of the field.
- Do not apply when wind speeds exceed 15 mph at the application site. If the windspeed is greater than 10 mph, the boom length must be 65% or less of the wingspan for fixed wing aircraft and 75% or less of the rotor diameter for helicopters. Otherwise, the boom length must be 75% or less of the wingspan for fixed-wing aircraft and 90% or less of the rotor diameter for helicopters.
- Do not apply during temperature inversions.

Airblast applications:

- Sprays must be directed into the canopy.
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- User must turn off outward pointing nozzles at row ends and when spraying outer rows.
- Do not apply during temperature inversions.

Ground Boom Applications:

- User must only apply with the release height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- Applicators are required to use a fine or coarser droplet size (ASABE S572.1).
- Do not apply when wind speeds exceed 15 miles per hour at the application site.
- Do not apply during temperature inversions.

SPRAY DRIFT ADVISORIES

THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT. BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS

IMPORTANCE OF DROPLET SIZE

An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.

Controlling Droplet Size - Ground Boom

- Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
- Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.
- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.

Controlling Droplet Size - Aircraft

- Adjust Nozzles - Follow nozzle manufacturers' recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.

BOOM HEIGHT - Ground Boom

For ground equipment, the boom should remain level with the crop and have minimal bounce.

RELEASE HEIGHT - Aircraft

Higher release heights increase the potential for spray drift.

SHIELDED SPRAYERS

Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.

TEMPERATURE AND HUMIDITY

When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.

TEMPERATURE INVERSIONS

Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. 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 air mixing. Avoid applications during temperature inversion.

WIND

Drift potential generally increases with wind speed. AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS. Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.

Handheld Technology Applications:

Take precautions to minimize spray drift

PRODUCT INFORMATION

Consult local agricultural authorities such as county and university extension specialists on their current best use recommendations.

Instructions for Introducing Water Soluble Packages Directly into Spray tanks:

Soluble Packages (WSPs) are designed to dissolve in water. Agitation may be used, if necessary, to help dissolve the WSP. Failure to follow handling and mixing instructions can increase your exposure to the pesticide products in WSPs. WSPs, when used properly, qualify as a closed mix/loading system under the Agricultural Worker Protection Standard [40 CFR 170.607(d)].

Handling Instructions

Follow these steps when handling pesticide products in WSPs.

1. Mix in spray tank only.
2. Handle the WSP in a manner that protects package from breakage and/or unintended release of contents. If package is broken, put on PPE required for clean-up and then continue with mixing instructions.
3. Keep the WSP in outer packaging until just before use.
4. Keep the WSP dry prior to adding to the spray tank.
5. Handle with dry gloves and according to the label instructions for PPE.
6. Keep the WSP intact. Do not cut or puncture the WSP.
7. Reseal the WSP outer packaging to protect any unused WSP(s).

Mixing Instructions

Follow the steps below when mixing this product, including if it is tank-mixed with other pesticide products. If being tank-mixed, the mixing directions 1 through 9 below take precedence over the mixing directions of the other tank mix products. WSPs may, in some cases, be mixed with other pesticide products so long as the directions for use of all the pesticide product components do not conflict. Do not tank-mix this product with products that prohibit tank-mixing or have conflicting mixing directions.

1. If a basket or strainer is present in the tank hatch, remove prior to adding the WSP to the tank.
2. Fill tank with water to approximately one-third to one-half of the desired final volume of spray.
3. Stop adding water and stop agitation.
4. Place intact/unopened WSP into the tank.
5. Do not spray water from a hose or fill pipe to break or dissolve the WSP.
6. Start mechanical and recirculation agitation from the bottom of tank without using any overhead recirculation, if possible. If overhead recirculation cannot be turned off, close the hatch before starting agitation.
7. Dissolving the WSP may take up to 5 minutes or longer, depending on water temperature, water hardness, and intensity of agitation.
8. Stop agitation before tank lid is opened.
9. Open the lid to the tank, exercising caution to avoid contact with dusts or spray mix, to verify that the WSP has fully dissolved and the contents have been thoroughly mixed into the solution.
10. Do not add other allowed products or complete filling the tank until the bags have fully dissolved and pesticide is thoroughly mixed.
11. Once the WSP has fully dissolved and any other products have been added to the tank, resume filling the tank with water to the desired level, close the tank lid, and resume agitation.
12. Use the spray solution when mixing is complete.
13. Maintain agitation of the diluted pesticide mix during transport and application.
14. It is unlawful to use any registered pesticide, including WSPs, in a manner inconsistent with its label.

LPI.A045 is compatible with many commonly used citrus pesticides, crop oils, and nutritional sprays. However, because of the large number of possible tank mixes, pre-test to assure that there is physical and non-phytotoxic compatibility of any proposed mixtures with **LPI.A045**.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

RESISTANCE MANAGEMENT

For resistance management, **LPI.A045** contains a Group 15 insecticide. Any insect population may contain individuals naturally resistant to **LPI.A045** and other Group 15 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

- Rotate the use of **LPI.A045** or other Group 15 insecticides within a growing season, or among growing seasons, with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that are equally effective on the target pest when such use is permitted. Do not rely on the same mixture repeatedly for the same pest population. Consider any known cross-resistance issues (for the targeted pests) between the individual components of a mixture. In addition, consider the following recommendations provided by the Insecticide Resistance Action Committee (IRAC):
 - Individual insecticides selected for use in mixtures should be highly effective and be applied at the rates at which they are individually registered for use against the target species.
 - Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
 - When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pest(s).
 - Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
 - The insect resistance management benefits of an insecticide mixture are greatest if the two components have similar periods of residual insecticidal activity. Mixtures of insecticides with unequal periods of residual insecticide activity may offer an insect resistance management benefit only for the period where both insecticides are active.
- Adopt an integrated pest management program for insecticide use that includes scouting, uses historical information related to pesticide use, crop rotation, record keeping, and which considers cultural, biological and other chemical control practices.
- Monitor after application for unexpected target pest survival. If the level of survival suggests the presence of resistance, consult with your local university specialist or certified pest control advisor.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.
- For further information or to report suspected resistance contact your LOVELAND PRODUCTS, INC. representative at 1-888-LPI-CUST.

RESTRICTIONS

- Do not apply this product through any type of irrigation system.
- **Maximum LPI.A045 allowed per year:** Do not apply more than 18.75 ounces (0.939 lb. ai) of **LPI.A045** per acre per year. **LPI.A045** may be applied as three full rate applications of 6.25 ounces per acre each (0.313 lb. ai/A) per year, or six split applications of 3.125 ounces each per acre (0.156 lb. ai/A) per year or a combination of full and split applications.
- **Maximum number of applications allowed per year:** 3 full-rate applications or 6 split-rate applications or a combination of both, not to exceed 18.75 ounces (0.939 lb. ai) per acre per year.
- **Retreatment Interval:** Repeat applications no closer than 30 days apart, except where split applications are used. See pest specific sections below for split application directions.
- **Pre-harvest Interval:** Do not apply within 7 days of harvest.
- Do not harvest cover crops for animal feed or graze livestock in treated groves.

Ground application: LPI.A045 may be applied by ground using handheld, hand gun, air blast or air assisted equipment.

- Do not apply within 25 feet of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes or estuaries. **In the State of Florida**, do not apply within 100 feet of estuarine/marine bodies of water. Spray last three rows windward of surface water using nozzles on one side only, with spray directed away from surface water. Avoid spray going over tops of trees by adjusting or turning off top nozzles. Shut off nozzles on the side away from the grove when spraying the outside row. Shut off nozzles when turning at ends of rows and passing tree gaps in rows.

Aerial application: LPI.A045 may be applied using fixed-wing or rotary equipment.

- Do not apply within 150 feet of bodies of water such as lakes, reservoirs, rivers, permanent streams, natural ponds, marshes or estuaries. **In the State of Florida**, do not apply within 1000 feet of estuarine/marine bodies of water.
- **Rotational crops:** Do not plant food or feed crops in diflubenzuron treated soils within 1 month following last application, unless diflubenzuron is authorized for use on these crops.
- All applications must include a 25 foot vegetative buffer strip within the buffer zone to decrease runoff.

Spray volumes: Use sufficient spray volume for thorough coverage of leaf surfaces. For High Volume: Ground = 50 to 1,000 gallons per acre; Aerial = 5 to 20 gallons per acre. For Low Volume: see pest specific sections below.

{**Note to Reviewer:** On the final label, throughout the Directions for Use and where applicable table headings may be repeated and/or [() continued ()] added to indicate where a text group continues to subsequent page.}

Crops	Pests	Application Rate (ozs./A)	APPLICATION INSTRUCTIONS
CITRUS FRUIT GROUP 10-10 Australian desert lime; Australian finger-lime; Australian round lime; Brown River finger lime; calamondin; citron; citrus hybrids; grapefruit; Japanese summer grapefruit; kumquat; lemon; lime; Mediterranean mandarin; mount white lime; New Guinea wild lime; orange, sour; orange, sweet; pummelo; Russell River lime; satsuma mandarin; sweet lime; tachibana orange; Tahiti lime; tangelo; tangerine (mandarin); tangor; trifoliate orange; uniq fruit; cultivars, varieties, and/or hybrids of these	Asian Citrus Psyllid (ACP) (<i>Diaphorina citri</i>)	6.25 (0.04 lb ai/A)	<p>Apply 6.25 ounces (0.04 lb ai) of LPI.A045 per acre (2 water soluble pouches) when very early-feather leaf flush is present, or oviposition by Asian citrus psyllid (ACP) is expected or seen, or leaf distortion is evident.</p> <p>Split Application: Applying split applications of LPI.A045 will maximize spray coverage of the citrus leaf flush. Spray 3.125 ounces (0.02 lb ai) per acre (1 water soluble pouch) when very early-feather leaf flush is present, or oviposition by ACP is expected or seen, or leaf distortion is evident. Apply the second application of LPI.A045 at 3.125 ounces (0.02 lb ai) per acre as needed to protect new flushes of growth.</p> <p>Low Volume Application: Except in California, apply in 3.0 to 5.0 gallons of finished spray solution per acre by ground using air-blast or air-assisted spray equipment.</p> <p>The addition of petroleum spray oil enhances spray coverage and penetration of LPI.A045 into ACP eggs, nymphs, and adults and may improve activity on each life stage.</p> <p>LPI.A045 activity on ACP is through contact, ingestion and/or absorption. It has direct activity on eggs and nymphs of ACP. LPI.A045 prevents eggs from hatching and nymphs from molting when exposed to treated surfaces. Adult female ACP that feed on or contact treated surfaces produce fewer eggs able to hatch. LPI.A045 reduces the reproductive potential of an existing ACP population. LPI.A045 does not control adult ACP.</p> <p>RESTRICTIONS:</p> <p>Do not apply subsequent applications of LPI.A045 for at least 30 days.</p> <p>In California, do not apply in a volume of less than 10 gallons per acre.</p>

Crops	Pests	Application Rate (ozs./A)	APPLICATION INSTRUCTIONS
	Citrus Rust Mite (<i>Phyllocoptruta oleivora</i>)	6.25 (0.04 lb ai/A)	<p>Apply LPI.A045 at 6.25 ounces (0.04 lb ai) per acre (2 water soluble pouches) when citrus rust mites (CRM) are first observed on citrus leaves and/or fruit. Rotate to a product with a different mode of action before reapplying LPI.A045 in a CRM control program.</p> <p>The addition of petroleum spray oil enhances spray coverage and penetration of LPI.A045 into immature CRM and may improve activity on each stage of instar. Petroleum spray oil also aids knockdown of the CRM population present at application.</p> <p>LPI.A045 activity is on immature stages of CRM and has its greatest activity on late-instar CRM. LPI.A045 prevents immature CRM from molting. The full effect of LPI.A045 on a CRM population may not be apparent for up to 14 days after application. LPI.A045 does not control CRM eggs or adults.</p>

Crops	Pests	Application Rate (ozs./A)	APPLICATION INSTRUCTIONS
	Lepidopterous Miners: Citrus Leafminer (CLM) (<i>Phyllocnistis citrella</i>)	6.25 (0.04 lb ai/A)	<p>Apply 6.25 ounces (0.04 lb ai) of LPI.A045 per acre (2 water soluble pouches) when leaf flush is present and the oldest leaf is approximately one-quarter expanded, or when oviposition by citrus leafminer (CLM) is expected or seen, or when leaf mining is evident.</p> <p>Split Application: Applying a split application of LPI.A045 will maximize spray coverage of the citrus leaf flush. Spray 3.125 ounces (0.02 lb ai) per acre (1 water soluble pouch) when leaf flush is present and the oldest leaf is approximately one-quarter expanded, or when oviposition by CLM is expected or seen, or leaf mining is evident. Apply the second application of LPI.A045 at 3.125 ounces (0.02 lb ai) per acre as needed to protect new flushes of growth.</p> <p>Low Volume Application: Apply in 3.0 to 5.0 gallons of finished spray solution per acre by ground using air-blast or air-assisted spray equipment.</p> <p>The addition of petroleum spray oil enhances spray coverage and penetration of LPI.A045 into CLM mines, eggs, larvae, and pupae and may improve activity on each life stage.</p> <p>LPI.A045 activity on CLM is through contact, ingestion and/or absorption. It has direct activity on eggs, larvae and pupae of CLM by preventing eggs from hatching, larvae from molting, and moths from emerging from pupae exposed to treated surfaces. LPI.A045 reduces the reproductive potential of an existing CLM population. LPI.A045 does not control CLM moths.</p> <p>RESTRICTIONS:</p> <p>Do not apply subsequent applications of LPI.A045 for at least 30 days.</p> <p>In California, do not apply in a volume of less than 10 gallons per acre.</p>

Crops	Pests	Application Rate (ozs./A)	APPLICATION INSTRUCTIONS
	Lepidopterous Miners: Citrus Peel Miner (CPM) (<i>Marmara</i> spp.)	6.25 (0.04 lb ai/A)	<p>Apply 6.25 ounces (0.04 lb ai) of LPI.A045 per acre (2 water soluble pouches) when oviposition on citrus peel surfaces by citrus peel miner (CPM) is expected or seen.</p> <p>Split Application: Applying a split application of LPI.A045 will maximize spray coverage of the fruit surface. Spray 3.125 ounces (0.02 lb ai) per acre (1 water soluble pouch) when peelminer oviposition begins. Apply the second application of LPI.A045 at 3.125 ounces (0.02 lb ai) per acre as needed to protect expanded fruit growth.</p> <p>The addition of petroleum spray oil enhances spray coverage and penetration of LPI.A045 into CPM eggs and may improve activity on this life stage.</p> <p>LPI.A045 activity on CPM is through absorption into eggs. It prevents eggs from hatching. Protection from fruit damage by CPM larvae may last up to several weeks. CPM larval control will lessen over time as new, unprotected tissue develops as a result of fruit expansion. LPI.A045 does not control CPM moths.</p> <p>RESTRICTIONS:</p> <p>Do not apply subsequent applications of LPI.A045 for at least 30 days.</p>
	Citrus Root Weevil Complex: West Indian Sugarcane Rootstalk Borer Weevil (<i>Diaprepes abbreviatus</i>), Southern Bluegreen Citrus Root Weevil (<i>Pachnaeus litus</i>) Blue-green Citrus Weevil (<i>Pachnaeus opalus</i>) Fuller Rose Beetle (<i>Asynonychus godmani</i>), Little Leaf Notcher (<i>Artipus floridanus</i>)	6.25 (0.04 lb ai/A)	<p>Apply 6.25 ounces (0.04 lb ai) of LPI.A045 per acre (2 water soluble pouches) to citrus leaf flush when the oldest leaf is approximately one-half expanded, or when adult citrus root weevils (CRW) are seen, or recent leaf feeding is evident.</p> <p>The addition of petroleum spray oil enhances coverage and penetration of LPI.A045 into adult CRW and eggs and may improve activity on each life stage. Petroleum spray oil also reduces the attachment of CRW egg masses to citrus leaf surfaces.</p> <p>LPI.A045 activity is through contact, ingestion, and/or absorption. It has direct activity on eggs laid on treated surfaces by preventing them from hatching. Adult female CRW that feed on or contact treated surfaces produce fewer eggs able to hatch. LPI.A045 reduces the reproductive potential of citrus root weevil populations. LPI.A045 does not control adult citrus root weevils.</p>

Crops	Pests	Application Rate (ozs./A)	APPLICATION INSTRUCTIONS
	Katydid Grasshoppers	6.25 (0.04 lb ai/A)	<p>Apply 6.25 ounces (0.04 lb ai) of LPI.A045 per acre (2 water soluble bags) when katydids or grasshoppers are first observed or recent leaf and/or fruit feeding is seen.</p> <p>Split Application: Applying a split application of LPI.A045 may be useful in maximizing spray coverage and protection of fruit and leaves from katydid and/or grasshopper damage. Spray 3.125 ounce (0.02 lb ai) per acre (1 water soluble bag) when katydids and/or grasshoppers are first observed, or recent leaf and/or fruit feeding is seen. Apply the second application of LPI.A045 at 3.125 ounces (0.02 lb ai) per acre as needed to protect new growth.</p> <p>The addition of petroleum spray oil enhances spray coverage and penetration of LPI.A045 into katydid and grasshopper eggs, nymphs, and adults and may improve activity on each life stage.</p> <p>LPI.A045 activity on katydids and grasshoppers is through contact, ingestion, and/or absorption. It has direct activity on eggs and nymphs by preventing eggs from hatching and nymphs from molting. Adult female katydids and grasshoppers that feed on or contact treated surfaces produce fewer eggs able to hatch. LPI.A045 reduces the reproductive potential of an existing katydid and/or grasshopper population.</p> <p>LPI.A045 does not control adult katydids or grasshoppers.</p> <p>RESTRICTIONS:</p> <p>Do not apply subsequent applications of LPI.A045 for at least 30 days.</p>
<p>LPI.A045 may be applied to citrus during any time of the year, but will have greatest impact on the largest spectrum of pests when new flush is emerging and/or present.</p>			

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a tightly closed container in a cool, dry place. Store in original container and out of reach of children, preferably in a locked storage area.

PESTICIDE DISPOSAL: Pesticide spray mixture or rinsate that cannot be used should be disposed of in a landfill approved for pesticides. Improper disposal of excess pesticide spray mixture or rinsate is a violation of Federal law. If these wastes cannot be disposed of by the use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER HANDLING:

Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or by other procedures allowed by state and local authorities. Offer for recycling, if available.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT, read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

Subject to the foregoing inherent risks, LOVELAND PRODUCTS, INC. 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 when the product is used in strict accordance with such Directions for Use under normal conditions of use. EXCEPT AS WARRANTED IN THIS LABEL AND TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THIS PRODUCT IS SOLD "AS IS," AND LOVELAND PRODUCTS, INC. MAKES NO OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ELIGIBILITY OF THIS PRODUCT FOR ANY PARTICULAR TRADE USAGE.

IN THE UNLIKELY EVENT THAT BUYER OR USER BELIEVES THAT LOVELAND PRODUCTS, INC. HAS BREACHED A WARRANTY CONTAINED IN THIS LABEL AND TO THE EXTENT REQUIRED BY APPLICABLE LAW, BUYER OR USER MUST SEND WRITTEN NOTICE OF ITS CLAIM TO THE FOLLOWING ADDRESS: LOVELAND PRODUCTS, INC., ATTENTION: LAW DEPARTMENT, P.O. BOX 1286, GREELEY, CO 80632-1286.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE BUYER'S OR USER'S EXCLUSIVE REMEDY FOR ANY INJURY, LOSS, OR DAMAGE RESULTING FROM THE HANDLING OR USE OF THIS PRODUCT, INCLUDING BUT NOT LIMITED TO CLAIMS OF BREACH OF WARRANTY OR CONTRACT, NEGLIGENCE, STRICT LIABILITY, OR OTHER TORTS, SHALL BE LIMITED TO ONE OF THE FOLLOWING, AT THE ELECTION OF LOVELAND PRODUCTS, INC. OR THE SELLER: DIRECT DAMAGES NOT EXCEEDING THE PURCHASE PRICE OF THE PRODUCT OR REPLACEMENT OF THE PRODUCT. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, LOVELAND PRODUCTS, INC. AND THE SELLER SHALL NOT BE LIABLE TO THE BUYER OR USER OF THIS PRODUCT FOR ANY CONSEQUENTIAL, SPECIAL, OR INDIRECT DAMAGES, OR DAMAGES IN THE NATURE OF A PENALTY.

LPI.A045 is a [registered] trademark of LOVELAND PRODUCTS, INC.

[Micromite® 80WGS is a registered trademark of MacDermid Agricultural Solutions, Inc.]

{LANGUAGE ON LABEL AFFIXED TO CONTAINER}

Restricted Use Pesticide

Due to toxicity to aquatic invertebrate animals. For retail sale to and use only by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

DIFLUBENZURON	GROUP	15	INSECTICIDE
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LPI.A045TM

[Contains diflubenzuron, the active ingredient used in Micromite® 80WGS.]
 [Insect Growth Regulator] [For Use on Citrus Fruits, Crop Group 10-10]
 [Not for Homeowner/Residential Use][Water Dispersible Granule]
 [See Precautions for water soluble package]

ACTIVE INGREDIENT:	(% by weight)
Diflubenzuron	
N-[[[4-Chlorophenyl)amino]carbonyl]-2,6-difluorobenzamide	80%
OTHER INGREDIENTS:	<u>20%</u>
TOTAL:	100%

KEEP OUT OF REACH OF CHILDREN

CAUTION

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

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.
If on skin	<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.
HOT LINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact Rocky Mountain Poison and Drug Safety at 1-866-944-8565 for emergency medical treatment information.	

For Chemical Emergency:

Spill, Leak, Fire, Exposure, or Accident, Call CHEMTREC Day or Night
Within USA and Canada: 1-800-424-9300 or +1 703-527-3887 (collect calls accepted)

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION

Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

ENVIRONMENTAL HAZARDS: This pesticide is toxic to aquatic invertebrates. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high water mark. Drift or runoff from treated areas may be hazardous to aquatic invertebrate organisms in water adjacent to treated areas. Do not contaminate water when disposing of equipment washwaters.

This product may contaminate water through drift of spray in wind. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce 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 or water from rainfall-runoff. Runoff of this product will be reduced by avoiding applications when rainfall is forecasted to occur within 48 hours. Sound erosion control practices will reduce this product's contribution to surface water contamination.

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 foliar application.

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.

Physical and Chemical Hazards

Do not mix or allow coming in contact with Oxidizing agents. Hazardous Chemical reaction may occur.

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See inside label booklet for additional Precautionary Statements and Directions for Use.

[LPI.A045 is not manufactured, or distributed by UPL NA Inc., seller of Micromite® 80WGS.]

Manufactured for:
 Loveland Products, Inc.
 P.O. Box 1286
 Greeley, CO 80632-1286 USA

EPA Reg. No.: 34704-1191
EPA Est. No.: _____
NET CONTENTS: _____

[EPA APPROVAL DATE]