

TECHNICAL INFORMATION BULLETIN

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.

GROUP 15 INSECTICIDE

MICROMITE® 2L

EPA Reg. No. 400-461

FIFRA Section 2(ee) Recommendation

This recommendation is made as permitted by Section 2(ee) of FIFRA and has not been submitted to or approved by the U.S. Environmental Protection Agency.

FOR USE AND DISTRIBUTION IN THE STATE OF CALIFORNIA ONLY.

The addition of multiple pests in CITRUS FRUIT GROUP

Insect Growth Regulator

Not for Homeowner/Residential Use

DIRECTIONS FOR USE

Use information in accordance with Section 2(ee) of FIFRA.

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

Read and follow all applicable directions for use, restrictions, worker protection standard requirements, and precautions on the EPA registered main label attached to the container of **MICROMITE® 2L (EPA Reg. No. 400-461)**.

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CITRUS FRUIT GROUP (Crop 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.		
PESTS	APPLICATION RATE (fl oz/acre)	APPLICATION TIMING
Lepidopterous Miners: Citrus Leafminer (CLM) (<i>Phyllocnistis citrella</i>)	20	<p>Apply 20 fluid ounces of MICROMITE 2L per acre 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 MICROMITE 2L will maximize spray coverage of the entire citrus leaf flush. Spray 10 fluid ounces per acre 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 MICROMITE 2L at 10 fluid ounces per acre as needed to protect new flushes of growth. Do not apply subsequent applications of MICROMITE 2L for at least 30 days.</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. Spray nozzles that produce a droplet size with a volume median diameter of 90 microns or larger are required. In California, do not apply in a volume of less than 10 gallons per acre.</p> <p>The addition of a narrow-range petroleum oil such as NR-415, enhances spray coverage and penetration of MICROMITE 2L into CLM mines, eggs, larvae, and pupae; improving activity on each life stage. MICROMITE 2L's 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. MICROMITE 2L reduces the reproductive potential of an existing CLM population. MICROMITE 2L does not control CLM moths.</p>
Lepidopterous Miners: Citrus Peel Miner (CPM) (<i>Marmara</i> spp.)	20	<p>Apply 20 fluid ounces of MICROMITE 2L per acre when oviposition on citrus peel surfaces by citrus peel miner (CPM) is expected or seen.</p> <p>Split Application: Applying a split application of MICROMITE 2L will maximize spray coverage of the fruit surface. Spray 10 fluid ounces per acre when peel miner oviposition begins. Apply the second</p>

		<p>application of MICROMITE 2L at 10 fluid ounces per acre as needed to protect expanded fruit growth. Do not apply subsequent applications of MICROMITE 2L for at least 30 days.</p> <p>The addition of a narrow-range petroleum oil such as NR-415, enhances spray coverage and penetration of MICROMITE 2L into CPM eggs; improving activity on this life stage.</p> <p>MICROMITE 2L's 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. MICROMITE 2L does not control CPM moths.</p>
<p>Citrus Root Weevil Complex:</p> <p>West Indian Sugarcane Rootstalk Borer Weevil (<i>Diaprepes abbreviatus</i>)</p> <p>Southern Blue-green Citrus Root Weevil (<i>Pachnaeus litus</i>)</p> <p>Blue-green Citrus Weevil (<i>Pachnaeus opalus</i>)</p> <p>Fuller Rose Beetle (<i>Asynonychus godmani</i>)</p> <p>Little Leaf Notcher (<i>Artipus floridanus</i>)</p>	20	<p>Apply 20 fluid ounces of MICROMITE 2L per acre 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 a narrow-range petroleum oil such as NR-415, enhances coverage and penetration of MICROMITE 2L into adult CRW and eggs; improving activity on each life stage. Petroleum spray oil also reduces the attachment of CRW egg masses to citrus leaf surfaces.</p> <p>MICROMITE 2L's 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.</p> <p>MICROMITE 2L reduces the reproductive potential of citrus root weevil populations. MICROMITE 2L does not control adult citrus root weevils.</p>
<p>Katydids</p> <p>Grasshoppers</p>	20	<p>Apply 20 fluid ounces of MICROMITE 2L per acre 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 MICROMITE 2L may be useful in maximizing spray coverage and protection of fruit and leaves from katydid and/or grasshopper damage. Spray 10 fluid ounce per acre when katydids and/or grasshoppers are first observed, or recent leaf and/or fruit feeding is seen. Apply the second application of MICROMITE 2L at 10 fluid ounces per acre as needed to protect new growth. Do not apply subsequent applications of MICROMITE 2L for at least 30 days.</p> <p>The addition of a narrow-range petroleum oil such as NR-415, enhances spray coverage and penetration of MICROMITE 2L into katydid and grasshopper eggs, nymphs, and adults; improving activity on each life</p>

		<p>stage.</p> <p>MICROMITE 2L's 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. MICROMITE 2L reduces the reproductive potential of an existing katydid and/or grasshopper population. MICROMITE 2L does not control adult katydids or grasshoppers.</p>
<p><i>MICROMITE 2L 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.</i></p> <p>Ground Application: MICROMITE 2L may be applied by ground using hand-held, 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. 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.</p> <p>Aerial Application: Use 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.</p> <p>DIRECTIONS FOR USE</p> <p>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 application: Spray nozzles that produce a droplet size with a volume median diameter of 90 microns or larger are required (see the following pest specific sections).</p> <p>Note: 1 fl oz MICROMITE 2L per acre equals 0.0156 pounds active ingredient per acre.</p>		
<p>RESTRICTIONS:</p> <ul style="list-style-type: none"> • Maximum MICROMITE 2L allowed per year: Do not apply more than 60 fl oz (15 oz diflubenzuron ai) of MICROMITE 2L per acre per calendar year. MICROMITE 2L may be applied as three full rate applications of 20 fl oz per acre per calendar year, or six split applications of 10 fl oz per acre per calendar year, or a combination of full and split applications. • Maximum number of applications allowed per calendar year: three full rate applications or six split applications, not to exceed 60 fl oz (15 oz diflubenzuron ai) of MICROMITE 2L per acre per calendar year. • Re-treatment interval: Repeat applications no closer than 30 days apart, except where split applications are used. See the following pest specific sections 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. 		

Manufactured For:
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