RESTRICTED USE PESTICIDE
Toxic to fish, mammals, and aquatic organisms.
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.

Reaper ClearForm
SUPPLEMENTAL LABEL

ACTIVE INGREDIENT:
Abamectin: (CAS No. 65195-56-4 and No. 65195-55-3) .......................................................... 2.0%
OTHER INGREDIENTS: ................................................................................................................98.0%
TOTAL ................................................................................................................................. 100.0%

1.0 gallon contains 0.15 pound abamectin

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.)

This label expires and must not be distributed or used after February 1, 2019.

FIRST AID

If inhaled:
• Move person to fresh air.
• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.
• Call a poison control center or doctor for treatment advice.

If on skin or clothing:
• Take off contaminated clothing.
• Rinse skin immediately with plenty of water for 15 to 20 minutes.
• Call a poison control center or doctor for treatment advice.

If in eyes:
• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing.
• Call a poison control center or doctor for treatment advice.

If swallowed:
• Immediately call a poison control center or doctor for treatment advice.
• Do not induce vomiting unless told to do so by a poison control center or doctor.
• Have person sip a glass of water if able to swallow.
• Do not give anything by mouth to an unconscious person.

Have the product container or label with you when calling a poison control center or doctor or going for treatment.

For general information on product use, etc., call the National Pesticides Information Center at 1-800-858-7378.

FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

EPA Reg. No. 34704-1078
EPA Est. No. _____________
Net Contents 1.0 GAL (3.78 L)

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
This supplemental label must be in possession of the user at the time of application.

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.

Exception: For grape girdling, cane turning, and tying in grapes, do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 days.

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 short-sleeved shirt and short pants,
• Chemical-resistant gloves made out of: barrier laminate or butyl rubber ≥ 14 mils,
• Chemical-resistant footwear plus socks,
• Protective eyewear,
• Chemical-resistant headgear for overhead exposure.
Reaper ClearForm Supplemental Label
EPA REG. NO. 34704-1078

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are not within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

Do not reenter treated areas until sprays have dried.

Resistance Management

Some insect or mite pests are known to develop resistance to products after repeated use. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area. Loveland Products, Inc. encourages responsible product stewardship to ensure effective long-term control of the insects or mites on this label.

Reaper ClearForm contains a Group 6 miticide/insecticide (abamectin). Insect or mite biotypes with acquired or inherent resistance to Group 6 miticides/insecticides may eventually dominate the pest population if Group 6 miticides/insecticides are used repeatedly as the predominant method of control for targeted species. This may result in partial or total loss of control of those species by Reaper ClearForm or other Group 6 miticides/insecticides.

If resistance to this product develops in your area, the product, or other products with a similar mode of action, may not provide adequate control. If poor performance cannot be attributed to improper application or extreme weather conditions, a resistant strain of insect or mite may be present. If you experience difficulty with control and resistance is a reasonable cause, immediately consult your local company representative or agricultural advisor for the best alternative method of control for your area.

In order to maintain susceptibility to this class of chemistry:

- Avoid using Group 6 miticides/insecticides exclusively for season long control of insect or mite species with more than one generation per calendar year.
- For insect or mite species with successive or overlapping generations, apply Reaper ClearForm or other Group 6 miticides/insecticides using a “treatment window” approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated) of the Group 6 miticides/insecticides. DO NOT exceed the maximum Reaper ClearForm allowed per calendar year.
- Following a treatment window of Group 6 miticides/insecticides, rotate to a treatment of a different mode of action with other Group 6 miticides/insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest’s ability to develop resistance to these classes of chemistry.
- If resistance is suspected, do not reapply Reaper ClearForm or other Group 6 miticides/insecticides.

Other Insect or Mite Resistance Management (IRM) Practices

- Incorporate IPM techniques into your insect or mite control program.
- Monitor treated insect or mite populations for loss of field efficacy.
- Use tank-mixtures or premixes with miticides/insecticides from a different target site of action group as long as the involved products are all registered for the same crop buffer and effective rates are applied.

For additional information on Insect or Mite Resistance Management:

- Contact your local extension specialist, certified crop advisor and/or product manufacturer for additional insect resistance management recommendations.
- Visit the Insecticide Resistance Action Committee (IRAC) on the web at http://www.irac-online.org/.

CROP USE DIRECTIONS

BEAN, DRY AND SUCCEIQUENT

Crops: Cicer arietinum (chickpea, garbanzo bean); Lupinus spp. (including sweet lupine, white sweet lupine, white lupine, and grain lupine); Phaseolus spp. (including kidney bean, lima bean, mung bean, navy bean, pinto bean, snap bean, and waxbean); Vicia faba (broad bean, lwa bean); Vigna spp. (including asparagus bean, blackeyed pea and cowpea)*

*For use on cowpeas that are grown only for dry seed.

Other Insect or Mite Resistance Management (IRM) Practices

- Avoid using Group 6 miticides/insecticides exclusively for season long control of insect or mite species with more than one generation per calendar year.
- For insect or mite species with successive or overlapping generations, apply Reaper ClearForm or other Group 6 miticides/insecticides using a “treatment window” approach. A treatment window is a period of time as defined by the stage of crop development and/or the biology of the pests of concern. Within the treatment window, depending on the length of residual activity, there may either be single or consecutive applications (seed treatment, soil, foliar, unless otherwise stated) of the Group 6 miticides/insecticides. DO NOT exceed the maximum Reaper ClearForm allowed per calendar year.
- Following a treatment window of Group 6 miticides/insecticides, rotate to a treatment of a different mode of action with other Group 6 miticides/insecticides.
- A treatment window rotation, along with other IPM practices for the crop and use area, is considered an effective strategy for preventing or delaying a pest’s ability to develop resistance to these classes of chemistry.
- If resistance is suspected, do not reapply Reaper ClearForm or other Group 6 miticides/insecticides.

For control of Liriomyza leafminers and Spider Mites.

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control.

- Apply Reaper ClearForm with ground application equipment or aircraft.
- For best control, apply Reaper ClearForm with ground application equipment. With aerial application, the resulting control of leafminers and spider mites could be less than with ground application.

Note:

- Use 8.0 to 12.0 fluid ounces per acre for low to moderate infestations and 13.0 to 16.0 fluid ounces per acre for high infestations.
- Leafminers and Spider Mites: Apply when adult leafminer flies or spider mites are first observed and repeat application, as needed, to maintain control within constraints of a sound resistance management program. (See Use Restrictions.)

Use Restrictions:

- PHI: DO NOT apply within 7 days of harvest.
- Application Method: Ground or aerial application is permitted; however, do not apply with aircraft in New York State.
- Amount of Water: DO NOT apply in less than 10.0 gallons water per acre with ground application equipment. DO NOT apply in less than 5.0 gallons water per acre with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage.
- Maximum Amount per Application: DO NOT apply more than 0.019 pound abamectin per acre (or 16.0 fluid ounces per acre Reaper ClearForm) per application.
- Application Interval: Wait at least 6 days before repeating application.
- Number of Applications: DO NOT make more than 2 sequential applications of Reaper ClearForm or any other foliarly applied abamectin-containing product.
- Maximum Amount per Calendar Year: DO NOT apply more than 0.056 pound abamectin per acre (or 48.0 fluid ounces per acre Reaper ClearForm) per calendar year.

CITRUS FRUIT CROP GROUP 10-10

Crops in this group are: 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); tanger; trifoliate orange; uniq fruit; cultivars, varieties, and/or hybrids of these.

For control of Asian citrus psyllid, Broad mite, Citrus bud mite, Citrus leafminer, Citrus rust mite, Citrus thrips, and Twospotted spider mite.

Thorough spray coverage is essential for good Mite and insect control. Spray gallonage may vary depending on size and number of trees per acre as well as density of foliage.

Aerial Application

Apply using conventional dilute or concentrate ground application sprayers calibrated to deliver sufficient water for thorough coverage (or outside coverage for Asian citrus psyllid, Citrus leafminer, or Citrus thrips).

Direct Application

Aerial application is permitted only for control of Citrus leafminer. Aerial application to citrus is not approved in California.

Pest

<table>
<thead>
<tr>
<th>Pest</th>
<th>Maximum Amount per Calendar Year</th>
<th>Ground application</th>
<th>Aerial application</th>
<th>Application Interval</th>
<th>Application Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leafminers and Spider Mites</td>
<td>DO NOT apply more than 0.056 pound abamectin per acre (or 48.0 fluid ounces per acre Reaper ClearForm) per calendar year.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Ground or aerial application is permitted; however, do not apply with aircraft in New York State. |
| Application Method: Ground or aerial application is permitted; however, do not apply with aircraft in New York State. |
| Amount of Water: DO NOT apply in less than 10.0 gallons water per acre with ground application equipment. DO NOT apply in less than 5.0 gallons water per acre with aircraft. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage. |
| Maximum Amount per Application: DO NOT apply more than 0.019 pound abamectin per acre (or 16.0 fluid ounces per acre Reaper ClearForm) per application. |
| Application Interval: Wait at least 6 days before repeating application. |
| Number of Applications: DO NOT make more than 2 sequential applications of Reaper ClearForm or any other foliarly applied abamectin-containing product. |
| Maximum Amount per Calendar Year: DO NOT apply more than 0.056 pound abamectin per acre (or 48.0 fluid ounces per acre Reaper ClearForm) per calendar year. |

Aerial Application

Aerial application is permitted only for control of Citrus leafminer. Aerial application to citrus is not approved in California.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Dilute Sprays</th>
<th>Concentrate Sprays</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian citrus psylla</td>
<td>1.0 to 2.0</td>
<td>1.0 to 2.0</td>
</tr>
<tr>
<td>Broad mite</td>
<td>1.0 to 2.0</td>
<td>1.0 to 2.0</td>
</tr>
<tr>
<td>Citrus bud mite</td>
<td>1.0 to 2.0</td>
<td>1.0 to 2.0</td>
</tr>
<tr>
<td>Citrus leafminer</td>
<td>0.5 to 2.0</td>
<td>0.5 to 2.0</td>
</tr>
<tr>
<td>Citrus rust mite</td>
<td>1.0 to 2.0</td>
<td>1.0 to 2.0</td>
</tr>
<tr>
<td>Twospotted spider mite</td>
<td>1.0 to 2.0</td>
<td>1.0 to 2.0</td>
</tr>
</tbody>
</table>

The rate of Reaper ClearForm per 100 gallons is based on a volume of 1000 gallon per acre dilute spray.

For concentrate sprays, adjust the dosage to apply an amount per acre equal to that used in full cover dilute spray.

Ground Application: For best results, use 120 to 300 gallons per acre of spray mix with a minimum of 3.0 gallons per acre of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph.

Aerial Application: For best results, use a minimum of 500 gallons per acre of spray mix with a minimum of 0.5% horticultural spray oil (not a dormant oil).

For best results, use 100 to 250 gallons per acre of spray mix applied to achieve outside coverage.

2
FRUITING VEGETABLES (EXCEPT CUCURBITS) CROP GROUP 8-10

Crops in this group are: African eggplant; bush tomato; bell pepper; cocona; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; marjymia; naranjilla; okra; pea eggplant; pepino; nonbell pepper; roselle; scarlet eggplant; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these.

For control of Broad mite, Colorado potato beetle, Liriomyza leafminers, Potato psyllid, Spider mites, Thrips palmi, Tomato pinworm, Tomato potato blight and Tomato russet mite.

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.

IMPORTANT: Reaper ClearForm may be applied with ground application equipment or aircraft. For best control of Mites, apply Reaper ClearForm with ground application equipment. With aerial application, spray coverage and the resulting control of Mites is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of Mites when Reaper ClearForm is aerially applied.

Reaper ClearForm Supplemental Label
EPA REG. NO. 34704-1078

Instructions:

- Applications should be made with a minimum of 0.2% horticultural spray oil (not a dormant oil) in the spray mixture or not less than 1.0 gallon of oil per acre (except when specified differently below).
- Asian citrus psyllia: Apply to protect newly expanding foliage flush during the spring, summer or fall. Reaper ClearForm will only control adults and nymphs present at the time of application.
- Citrus bud mite: For best results, time the spray at “bud swell.”
- Citrus leafminer: Apply to protect new growth during spring, summer, or fall. (See Use Restrictions).
- Citrus thrips: Application targeted for citrus thrips will only control the current generation and must be correctly timed. Apply when economic thresholds have been reached (after egg hatch has begun—preferably early to mid-hatch). (See Use Restrictions).
- Mites: Apply when Mites first appear during spring, summer, and/or fall.

Use Restrictions:

- PHI: DO NOT apply within 7 days of harvest.
- Application Method:
  - To control Citrus leafminer - Ground or aerial application is permitted; however, do not apply with aircraft to citrus in California. For aerial application use a minimum of 10.0 gallons finished spray volume per acre. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to insure adequate coverage.
  - All other pests - Ground application only. DO NOT apply with aircraft.
- Prohibited Use: To manage resistance, do not use in citrus nurseries.
- Application Interval: DO NOT apply Reaper ClearForm, or any other abamectin containing product, within 30 days of the last treatment.
- Application is not permitted from onset of flowering until after petal fall is complete.
- Maximum Amount per Calendar Year: DO NOT apply more than 0.047 pound abamectin per acre (40.0 fluid ounces per acre Reaper ClearForm) per calendar year.
- DO NOT make more than 3 applications of Reaper ClearForm, or any other abamectin containing product per calendar year.
- Grazing: DO NOT allow livestock to graze in treated grove/orchards.

FRUITING VEGETABLES (EXCEPT CUCURBITS) CROP GROUP 8-10

Crops in this group are: African eggplant; bush tomato; bell pepper; cocona; currant tomato; eggplant; garden huckleberry; goji berry; groundcherry; marjymia; naranjilla; okra; pea eggplant; pepino; nonbell pepper; roselle; scarlet eggplant; sunberry; tomatillo; tomato; tree tomato; cultivars, varieties, and/or hybrids of these.

For control of Broad mite, Colorado potato beetle, Liriomyza leafminers, Potato psyllid, Spider mites, Thrips palmi, Tomato pinworm, Tomato potato blight and Tomato russet mite.

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage may result in reduced control.

IMPORTANT: Reaper ClearForm may be applied with ground application equipment or aircraft. For best control of Mites, apply Reaper ClearForm with ground application equipment. With aerial application, spray coverage and the resulting control of Mites is less than with ground application. For this reason, the user accepts all liability for the level and duration of control of Mites when Reaper ClearForm is aerially applied.

Reaper ClearForm Supplemental Label
EPA REG. NO. 34704-1078

Instructions:

- Applications should be made with a minimum of 0.2% horticultural spray oil (not a dormant oil) in the spray mixture or not less than 1.0 gallon of oil per acre (except when specified differently below).
- Asian citrus psyllia: Apply to protect newly expanding foliage flush during the spring, summer or fall. Reaper ClearForm will only control adults and nymphs present at the time of application.
- Citrus bud mite: For best results, time the spray at “bud swell.”
- Citrus leafminer: Apply to protect new growth during spring, summer, or fall. (See Use Restrictions).
- Citrus thrips: Application targeted for citrus thrips will only control the current generation and must be correctly timed. Apply when economic thresholds have been reached (after egg hatch has begun—preferably early to mid-hatch). (See Use Restrictions).
- Mites: Apply when Mites first appear during spring, summer, and/or fall.

Use Restrictions:

- PHI: DO NOT apply within 7 days of harvest.
- Application Method:
  - To control Citrus leafminer - Ground or aerial application is permitted; however, do not apply with aircraft to citrus in California. For aerial application use a minimum of 10.0 gallons finished spray volume per acre. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures) use a greater volume of water to insure adequate coverage.
  - All other pests - Ground application only. DO NOT apply with aircraft.
- Prohibited Use: To manage resistance, do not use in citrus nurseries.
- Application Interval: DO NOT apply Reaper ClearForm, or any other abamectin containing product, within 30 days of the last treatment.
- Application is not permitted from onset of flowering until after petal fall is complete.
- Maximum Amount per Calendar Year: DO NOT apply more than 0.047 pound abamectin per acre (40.0 fluid ounces per acre Reaper ClearForm) per calendar year.
- DO NOT make more than 3 applications of Reaper ClearForm, or any other abamectin containing product per calendar year.
- Grazing: DO NOT allow livestock to graze in treated grove/orchards.

FRUITS AND SMALL FRUIT VINE CLIMBING SUBGROUP (EXCEPT FUZZY KIWIFRUIT) CROP SUBGROUP 13-07F

Crops in this group are: Amur river grape; gooseberry; grape; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties, and/or hybrids of these.

For control of Pacific spider mite, Twospotted spider mite, Variegated leafhopper, Western grape leafhopper, Western grapeleaf skinketerizer, and Willamette spider mite.

Reaper ClearForm may be applied using conventional ground sprayers calibrated to deliver sufficient water for thorough coverage. Thorough coverage is essential for good Spider mite and insect control. DO NOT spray alternate rows. Reaper ClearForm must be applied to both sides of each row for maximum coverage.

Directions for Use

on the nonionic surfactant label and in official spray guides.

Reaper ClearForm Supplemental Label
EPA REG. NO. 34704-1078

Instructions:

- Use 8.0 to 12.0 fluid ounces per acre for low to moderate infestations and 16.0 fluid ounces for severe infestations.
- Repeat application, if needed. (See Use Restrictions).
- Note: Reaper ClearForm must be applied in combination with a nonionic surfactant to improve wetting of foliage and to smooth out spray deposits. Spreading and penetrating surfactants can improve insect control. DO NOT use binder or sticker-type surfactants. Although Reaper ClearForm has been tested in combination with a nonionic surfactant for safety to grapes, it is impossible to test on all grape varieties under the variety of conditions that may cause crop injury. Therefore, when using Reaper ClearForm in combination with a non-ionic surfactant, carefully follow the Directions for Use and Precautions on the nonionic surfactant label and in official spray guides.
- Leafhoppers: Apply Reaper ClearForm plus a nonionic surfactant using thorough spray coverage for contact knockdown only.
- Spider mites: Apply when Mites first appear but before motiles exceed 5 per leaf.
- Western grapeleaf skinketerizer: Apply Reaper ClearForm plus a nonionic surfactant when larvae are first observed. For optimum control, apply shortly after egg hatch.

Use Restrictions:

- PHI: DO NOT apply within 28 days of harvest.
- Application Method: Ground application only.
- Amount of Water: DO NOT apply in less than 50.0 gallons water per acre with conventional ground application equipment. When using an electrostatic sprayer, less than 50.0 gallons water per acre may be used; however do not use less than 5.0 gallons water per acre.
- Application is not permitted from onset of flowering until after petal fall is complete.
- Maximum Amount per Application: DO NOT apply more than 0.019 pound abamectin per acre (48.0 fluid ounces per acre Reaper ClearForm) per application.
- Application Interval: If a second application is necessary, wait at least 21 days before repeating application.
- Number of Applications: DO NOT make more than 2 applications of Reaper ClearForm or any other foliarly applied abamectin containing product per calendar year.
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- Maximum Amount per Calendar Year: DO NOT apply more than 0.038 pound abamectin per acre (or 32.0 fluid ounces per acre Reaper ClearForm) per calendar year.
- Grazing: DO NOT allow livestock to graze in treated vineyards.

GUAVA
Crops in this group are: acerola, feijoa, guava, jaboticaba, passionfruit, starfruit, and wax jambu.
For control of Twospotted spider mites, Liriomyza leafminers, and Thrips.

Ground Application: Apply using conventional dilute or concentrate ground application sprayers calibrated to deliver sufficient water for thorough coverage.

Instructions:
- Ground Application: For best results, use 150 to 300 gallons per acre of spray mix with a minimum of 3.0 gallons per acre of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph.
- Use Restrictions:
  - PHI: DO NOT apply within 7 days of harvest.
  - Application Method: Ground application only.
  - Amount of Water: DO NOT apply in less than 50.0 gallons water per acre with conventional ground application equipment.
  - Repeater: When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended for all crops in the Herb Crop Subgroup except chives.
  - Ground application only.

LYCHEE
Crops in this group are: longan, lychee, pulasan, rambutan, and Spanish lime.
For control of Liriomyza leafminers and Thrips.

Ground Application: Apply using conventional dilute or concentrate ground application sprayers calibrated to deliver sufficient water for thorough coverage.

Instructions:
- Ground Application: For best results, use 150 to 300 gallons per acre of spray mix with a minimum of 3.0 gallons per acre of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph.
- Use Restrictions:
  - PHI: DO NOT apply within 14 days of harvest.
  - Application Method: Ground application only.
  - Amount of Water: Use a minimum of 20.0 gallons water per acre.
  - Repeater: When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended for all crops in the Herb Crop Subgroup except chives.
  - Ground application only.

ONION, GREEN CROP SUBGROUP 3-07B
Crops in this group are: chive, fresh leaves; chive, Chinese, fresh leaves; Elegans hosta; fritillaria, leaves; kurrat; lady’s leek; leek; leek, wild; onion, Beltsville bunching; onion, fresh; onion, green; onion, macrostem; onion, tree; onion, Welsh; onion, shallot; fresh leaves; cultivars, varieties, and/or hybrids of these.
For control of Liriomyza leafminers and Thrips.
Reaper ClearForm Supplemental Label

EPA REG. NO. 34704-1078

Mix with water as indicated below. Thorough coverage of the crop canopy is essential for optimum results. Inadequate coverage can result in reduced control.

**Note:**
- Apply Reaper ClearForm with ground application equipment or aircraft.
- For best control apply Reaper ClearForm with ground application equipment. With aerial application, the resulting control of leafminers and thrips could be less than with ground application.

### Use Restrictions:
- **PHI:** DO NOT apply within 7 days of harvest.
- **Application Method:** Ground or aerial application permitted; however, do not apply with aircraft in New York State or California.
- **Amount of Water:** DO NOT apply in less than 20.0 gallons water per acre with ground application equipment. Under conditions such as high pest populations, dense foliage, or adverse application conditions (such as high temperatures), use a greater volume of water to ensure adequate coverage.
- **Maximum Amount per Application:** DO NOT apply more than 0.019 pound abamectin per acre (or 16.0 fluid ounces per acre Reaper ClearForm) per application.
- **Application Interval:** Wait at least 7 days before repeating application.
- **Number of Applications:** Make 2 consecutive applications of Reaper ClearForm then rotate to a chemistry with a different mode of action. Make at least 2 applications of a chemistry with a different mode of action before making additional Reaper ClearForm applications. DO NOT make more than 2 sequential applications of Reaper ClearForm or any other foliarly applied abamectin-containing product.
- **Maximum Amount per Calendar Year:** DO NOT apply more than 0.076 pound abamectin per acre (or 64.0 fluid ounces per acre Reaper ClearForm) per calendar year.

#### Instructions:
- Use 8.0 to 12.0 fluid ounces per acre for low to moderate infestations and 13.0 to 16.0 fluid ounces per acre for high infestations.
- **Leafminers:** When adult leafminer flies are first observed and repeat application, as needed, to maintain control within constraints of a sound resistance management program. (See Use Restrictions.)
- **Thrips:** Apply in a thrips management program and when thrips are at economic threshold. Repeat application, as needed, to maintain control within constraints of a sound resistance management program. (See Use Restrictions.) DO NOT use Reaper ClearForm as a rescue treatment for thrips control.
- Note: Add a non-ionic activator type wetting, spreading and/or penetrating adjuvant approved for use on bulb onion. DO NOT use binder or sticker type adjuvants. Tank-mixing with products that have binder or sticker type formulations can reduce Reaper ClearForm performance. (See Use Information and Use Restrictions.)

#### Crops in this group are:
- Black sapote, canistel, mamey sapote, papaya, sapodilla, and star apple.

#### For control of Twospotted spider mite:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Dilute Sprays</th>
<th>Concentrate Sprays</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fl Oz/100 Gal</td>
<td>Fl Oz/A</td>
</tr>
<tr>
<td>Twospotted spider mite</td>
<td>1.0 to 2.0</td>
<td>10.0 to 20.0</td>
</tr>
</tbody>
</table>

The rate of Reaper ClearForm per 100 gallons is based on a volume of 1,000 gallons per acre dilute spray.

*For concentrate sprays, adjust the dosage to apply an amount per acre equal to that used in full cover dilute spray.

- **Ground application:** For best results, use 150 to 300 gallons per acre of spray mix with a minimum of 3.0 gallons per acre of horticultural oil (not a dormant oil) and apply at a ground speed of 1 to 1.5 mph.

**Instructions:**
- Apply Reaper ClearForm with a minimum of 0.20% horticultural spray oil (not a dormant oil) in the spray mixture or not less than 1.0 gallon of oil per acre (except when specified differently below).
- Use 10.0 to 15.0 fluid ounces of product per acre for low to moderate infestations and 15.0 to 20.0 fluid ounces of product per acre for severe infestations.
- **Miles:** Apply when mites first appear during spring, summer, and/or fall.

#### Use Restrictions:
- **PHI:** DO NOT apply to mango.
- **Application Method:** Ground application only.
- **Amount of Water:** DO NOT apply in less than 50.0 gallons water per acre with conventional ground application equipment. When using an electrostatic sprayer, less than 50.0 gallons water per acre may be used; however, do not use less than 5.0 gallons water per acre.
- **Maximum Amount per Application:** DO NOT apply more than 0.023 pound abamectin per acre (or 20.0 fluid ounces per acre Reaper ClearForm) per application.
- **Application Interval:** If a second application is necessary, wait at least 14 days before repeating application.
- **Number of Applications:** DO NOT make more than 3 applications of Reaper ClearForm or any other foliarly applied abamectin-containing product per calendar year.
- **Maximum Amount per Calendar Year:** DO NOT apply more than 0.070 pound abamectin per acre (60.0 fluid ounces per acre Reaper ClearForm) per calendar year.

#### For control of Pomegranate whitefly:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Dilute Sprays</th>
<th>Concentrate Sprays</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fl Oz/100 Gal</td>
<td>Fl Oz/A</td>
</tr>
<tr>
<td>Twospotted spider mite</td>
<td>10.0 to 20.0</td>
<td></td>
</tr>
</tbody>
</table>

#### For control of Twospotted spider mite and thrips:

<table>
<thead>
<tr>
<th>Pest</th>
<th>Dilute Sprays</th>
<th>Concentrate Sprays</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fl Oz/100 Gal</td>
<td>Fl Oz/A</td>
</tr>
<tr>
<td>Twospotted spider mite</td>
<td>10.0 to 20.0</td>
<td></td>
</tr>
</tbody>
</table>

#### Instructions:
- Use 8.0 to 12.0 fluid ounces per acre for low to moderate infestations and 13.0 to 16.0 fluid ounces per acre for high infestations.
- **PHI:** DO NOT apply within 16 weeks of harvest.
- **Application Method:** Ground application only.
- **Amount of Water:** DO NOT apply in less than 50.0 gallons water per acre with conventional ground application equipment. When using an electrostatic sprayer, less than 50.0 gallons water per acre may be used; however, do not use less than 5.0 gallons water per acre.
- **Maximum Amount per Application:** DO NOT apply more than 0.023 pound abamectin per acre (or 20.0 fluid ounces per acre Reaper ClearForm) per application.
- **Application Interval:** If a second application is necessary, wait at least 7 days before repeating application.
- **Number of Applications:** DO NOT make more than 2 applications of Reaper ClearForm or any other foliarly applied abamectin-containing product per calendar year.
- **Maximum Amount per Calendar Year:** DO NOT apply more than 0.046 pound abamectin per acre (40.0 fluid ounces per acre Reaper ClearForm) per calendar year.

### POME FRUIT CROP GROUP 11-10

Crops in this group are: apple; azarole; crabapple; loquat; mayhaw; medlar; pear; pear, Asian; quince; quince, Chinese; quince, Japanese; tejocote; cultivars, varieties, and/or hybrids of these. For control of European red mite, McDaniel spider mite, Pear psylla, Pear rust mite, Tentiform leafminer, Twospotted spider mite, White apple leafhopper, and Yellow mite.

Reaper ClearForm may be applied using conventional dilute or concentrate ground application sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good spider mite and insect control.

**Note:**
- For best results, apply in combination with horticultural spray oil (not a dormant oil) as directed. Applications without horticultural spray oil may result in reduced efficacy and/or residual control.
- When using Reaper ClearForm plus horticultural spray oil, carefully follow the Directions for Use and Precautions on the horticultural spray oil label as well as the precautions in official spray guides or on product labels. For example, applying Reaper ClearForm plus horticultural spray oil fewer than 14 days before or after applying Captan® can result in phytotoxicity and crop loss.

<table>
<thead>
<tr>
<th>Pest</th>
<th>Dilute Sprays</th>
<th>Concentrate Sprays</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Fl Oz/A</td>
<td>Fl Oz/A</td>
</tr>
<tr>
<td>European red mite</td>
<td>2.5 to 5.0</td>
<td>10.0 to 20.0</td>
</tr>
<tr>
<td>McDaniel spider mite</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pear psylla</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pear rust mite</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tentiform leafminer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Twospotted spider mite</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White apple leafhopper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow mite</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*To determine the amount of product per acre for concentrate sprays, first determine the amount that would be required in a full cover dilute spray. Use the same amount of product per acre in concentrate sprays as would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10.0 fluid ounces per acre on small trees.

**Instructions:**
- Apply Reaper ClearForm when spider mite or insect thresholds are reached.
Reaper ClearForm Supplemental Label
EPA REG. NO. 34704-1078

STONE FRUIT CROP GROUP 12-12
Crops in this group are: apricot; apricot, Japanese; capuli; cherry; black; cherry, Hunking; cherry, sweet; cherry, tart; ajouce; Chinese; nectarine; peach; plum; plum, American; plum, beach; plum, Canada; plum, cherry; plum, Chickasaw; plum, Damson; plum, Japanese; plum, Klamath; plum, prune; prune; salt; cultivars, varieties, and/or hybrids of these.

For control of European spider mite, Pacific spider mite, and Twospotted spider mite.

Reaper ClearForm may be applied using conventional dilute or concentrate sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good Spider mite control.

Instructions:

- Apply when Mites first appear.
- A second application may be made, if needed, to maintain control. (See Use Restrictions)
- Always apply Reaper ClearForm in combination with a non-ionic surfactant that spreads on and penetrates the leaf cuticle, or apply with horticultural spray oil (not a dormant oil).
- NOTE:
  1. A nonionic surfactant that spreads on and penetrates the leaf cuticle can improve insect control. Although Reaper ClearForm has been tested in combination with non-ionic surfactants for safety to stone fruit, it is impossible to test on all safety to stone fruit, it is impossible to test on all stone fruit varieties under the variety of conditions that may cause crop injury. Therefore, when using Reaper ClearForm in combination with a nonionic surfactant, carefully follow the Directions for Use and Precautions on the surfactant label and in official spray guides.
  2. A horticultural oil (not a dormant oil) may improve efficacy and can be used but it may increase the possibility of phytotoxicity to foliage and fruit.

- Use nonionic surfactants at the manufacturer’s recommended rate.
- Use a minimum of 0.25% horticultural spray oil (not a dormant oil) in the dilute spray mixture and not less than 1.0 gallon of horticultural spray oil per acre in the final finished spray.

Use Restrictions:

- PHI: DO NOT apply within 28 days of harvest.
- Application Method: Ground application only, DO NOT apply with aircraft.
- Amount of Water: DO NOT apply in less than 40.0 gallons water per acre.
- Maximum Amount per Application: DO NOT apply more than 0.023 pound abamectin per acre (or 20.0 fluid ounces per acre Reaper ClearForm) per application.
- Application Interval: If a second application is necessary, wait at least 21 days before repeating application.
- Number of Applications: DO NOT make more than 2 applications of Reaper ClearForm or any other foliarly applied abamectin-containing product per calendar year.
- Grazing: DO NOT allow livestock to graze in treated orchards.

The rate of Reaper ClearForm per 100 gallons is based on the volume of 400 gallons per acre dilute spray.

To determine the amount of product per acre for concentrate sprays, first determine the amount that would be required in a full cover dilute spray. Use the same amount of product per acre in concentrate spray as would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10.0 fluid ounces per acre on small trees.

STRAWBERRIES, LOW GROWING BERRY CROP SUBGROUP 13-07G
Crops in this group are: bearberry; bilberry; blueberry; lowbush; cloudberry; cranberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties, and/or hybrids of these.

For control of Strawberry spider mite and Twospotted spider mite.

Mix with water as indicated below. Apply with ground application equipment as a foliar spray and insure thorough coverage on upper and lower leaf surfaces. Adjust spray volume and nozzle placement to insure maximum coverage of tops and undersides of leaves.

Instructions:

- Make 2 applications 7 to 10 days apart when Mites first appear. Repeat this application sequence, if needed, to maintain control. (See Use Restrictions)
- Note: Reaper ClearForm may be used without a wetting agent. When necessary to improve the wetting of foliage and to smooth out spray deposits, a nonionic surfactant is recommended.

Use Restrictions:

- PHI: DO NOT apply within 3 days of harvest.
- Application Method: Ground application only, DO NOT apply with aircraft.
- Prohibited Use: For resistance management purposes, do not use in strawberry nurseries.
- Amount of Water: DO NOT apply in less than 50.0 gallons water per acre with conventional ground application equipment. When using electrostatic sprayers do not apply in less than 10.0 gallons water per acre.
- Maximum Amount per Application: DO NOT apply more than 0.019 pound abamectin per acre (or 16.0 fluid ounces per acre Reaper ClearForm) per application.
- Application Interval: Wait at least 21 days after the second application before repeating application.
- Maximum Amount per Calendar Year: DO NOT apply more than 0.075 pound abamectin per acre (or 64.0 fluid ounces per acre Reaper ClearForm) per calendar year.
- Grazing: DO NOT allow livestock to graze in treated orchards.

TREE NUTS CROP GROUP 14-12
Crops in this group are: African nut-tree; almond; beechnut; Brazil nut; Brazilian pine; bunya; bur oak; butternut; Cajou nut; candlenut; cashew; chestnut; chinquapin; coconut; copolito nut; dika nut; ginkgo; Guiana chestnut; hazelnut (filbert); heartnut; hickory nut; Japanese horse-chestnut; macadamia nut; mongongo nut; monkey-pot; monkey puzzle nut; Okri nut; Pachira nut; peach palm nut; pecan; pequi; Pili nut; pine nut; pistachic; Sapucaia nut; tropical almond; walnut, black; walnut, English; yellowhorn; cultivars, varieties, and/or hybrids of these.

For control of European red mite, Pacific spider mite, Strawberry spider mite, and Twospotted spider mite.

Reaper ClearForm may be applied using conventional dilute or concentrate sprayers calibrated to deliver sufficient water for thorough coverage. Gallons of spray will vary with size and number of trees per acre and density of foliage. In any case, thorough coverage is essential for good Spider mite and insect control.

Instructions:

- Always use Reaper ClearForm in combination with a horticultural spray oil (not a dormant oil) approved for use on tree nuts. Use a minimum of 0.25% horticultural spray oil (not a dormant oil) in the dilute spray mixture and not less than 1.0 gallon of horticultural spray oil per acre in the final finished spray.
- Make 2 applications 7 to 10 days apart when Mites first appear. Repeat this application sequence, if needed, to maintain control. (See Use Restrictions)

The rate of Reaper ClearForm per 100 gallons is based on the volume of 400 gallons per acre dilute spray.

To determine the amount of product per acre for concentrate sprays, first determine the amount that would be required in a full cover dilute spray. Use the same amount of product per acre in concentrate sprays that would be required for the dilute sprays to the same orchard/grove. This may result in use of less than 10.0 fluid ounces per acre on small trees.
Use Restrictions:

- **PHI**: DO NOT apply within 21 days of harvest.
- **Application Method**: Ground application only. DO NOT apply with aircraft.
- **Amount of Water**: DO NOT apply in less than 40.0 gallons water per acre.
- **Application Interval**: If a second application is necessary, wait at least 21 days before repeating application.
- **Maximum Amount per Application**: DO NOT apply more than 0.023 pound abamectin per acre (or 20.0 fluid ounces per acre Reaper ClearForm) per application.
- **Applications per Calendar Year**: DO NOT make more than 2 applications of Reaper ClearForm or any other foliarily applied abamectin containing product per calendar year.
- **Maximum Amount per Calendar Year**: DO NOT apply more than 0.047 pound abamectin per acre (or 40.0 fluid ounces per acre Reaper ClearForm) per calendar year.
- **Grazing**: DO NOT allow livestock to graze in treated groves/orchards.

A second application may be made, if needed, to maintain control. (See Use Restrictions.)

Formulated by
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