Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-(800)-331-3148 for emergency assistance.

**FIRST AID**

**If swallowed**:  • Call a poison control center or doctor immediately for treatment advice.  
  • Do not give liquid to the person.  
  • Do not induce vomiting unless told to do so by a poison control center or doctor.  
  • Do not give anything by mouth to an unconscious person.

**If 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 eyes  
  • 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 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 further treatment advice.

**HOTLINE 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 1-(866)-331-3148 for emergency assistance.

**NOTE TO PHYSICIAN**

Contains petroleum distillate. Induced vomiting as first aid for this substance may result in increased risk of chemical pneumonia or pulmonary edema caused by aspiration of the hydrocarbon solvent. Vomiting should be induced only under professional supervision. Skin exposure may also result in a sensation described as a tingling, itching, burning, or prickly feeling. Onset may occur immediately to 4 hours after exposure and may last 2 to 30 hours, without damage.
PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

Contains Petroleum Distillate.

May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Avoid contact with skin. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. 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. Wear protective eyewear (goggles, face shield, or safety glasses). Wear long-sleeved shirt and long pants, socks, shoes, and chemical resistant gloves (such as Barrier Laminate, Butyl Rubber, Viton, Barrier Laminate, Viton, Selection Category F, G).

Personal Protective Equipment:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS. Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category G on an EPA chemical resistance category selection chart.

Handlers who may be exposed to the dilute through application or other tasks must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate, and shoes plus socks. Wear protective eyewear such as goggles, face shield, or safety glasses.

Handlers who may be exposed to the concentrate through mixing, loading, application or other tasks must wear: Long-sleeved shirt and long pants, chemical-resistant gloves, such as Nitrile, Butyl, Neoprene, and/or Barrier Laminate, shoes plus socks, and protective eyewear such as goggles, face shield, or safety glasses.

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product’s concentrate. Do not reuse them. Follow manufacturer’s instructions for cleaning/maintaining PPE. If no such instructions for washables, 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. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
• Remove clothing 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.

Environmental Hazards

This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from treated areas. Drift and runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash waters.

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

Physical/Chemical Hazards

Do not use or store near heat or open flame.

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.

Insect Resistance Management

For resistance management, MUSTANG® Maxx Insecticide contains a Group 3A insecticide. Any insect population may contain individuals naturally resistant to MUSTANG Maxx Insecticide and other Group 3A insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. Appropriate resistance-management strategies should be followed. To delay insecticide resistance, take the following steps:

• Rotate the use of MUSTANG Maxx Insecticide or other Group 3A 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):

  o 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.
  o Mixtures with components having the same IRAC mode of action classification are not recommended for insect resistance management.
  o When using mixtures, consider any known cross-resistance issues between the individual components for the targeted pests.
  o Mixtures become less effective if resistance is already developing to one or both active ingredients, but they may still provide pest management benefits.
  o 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 insecticidal activity may offer an insect resistance management benefit only for the period where both insecticides are active.

• Adopt an integrated pest management program for insecticides 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 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.

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 specific instructions and exceptions pertaining to the 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, chemical-resistant gloves, such as Barrier Laminate or Viton, and shoes plus socks.
STORAGE AND DISPOSAL
Do not contaminate water, food, or feed by storage and disposal.

Pesticide Storage
Store in a cool, dry, well-ventilated place under lock and key. Do not store below -4.6°C (20°F). Do not use near heat, open flame or hot surfaces. Always store pesticides in the original container. Store away from food, pet food, feed, seed, fertilizers, and veterinary supplies. Place liquid formulations on lower shelves and dry formulations above.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills. Call CHEMTREC (Transportation and Spills): (800) 424-9300.

Pesticide Disposal
To avoid waste use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling
Nonrefillable Container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows:

For containers equal to 5 gallons or less: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or incineration, or by other procedures approved by state and local authorities. For containers greater than 5 gallons: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and roll back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or incineration, or by other procedures approved by state and local authorities.

Returnable/Refillable Container.
Do not rinse container. Do not empty remaining formulated product. Do not break seals. Return intact to point of purchase. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. Then offer for recycling if available or reconditioning if appropriate, or puncture and dispose of in a sanitary landfill, or incineration, or by other procedures approved by state and local authorities.

Product Information
Chemigation Use Directions
Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Do not connect any irrigation system (including greenhouse systems) used for pesticide application to a public water system.

Crop injury, lack of effectiveness, or illegal residues in the crop can result from nonuniform distribution of treated water. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers, or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

The system must contain a functional check valve, vacuum relief valve, and low pressure safety switch appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must also contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

MUSTANG Maxx Insecticide should be applied continuously for the duration of the water application. MUSTANG Maxx Insecticide should be diluted in sufficient volume to insure accurate application over the area to be treated. Use the appropriate amount of water to carry the product to the target pest. Agitation is not required when a suitable diluent is used.

BUFFER ZONES
Vegetative Buffer Zones
Construct and maintain a minimum 10-foot-wide vegetative filter strip of grass or other permanent vegetation between the field edge and down gradient aquatic habitat (such as, but not limited to, lakes; reservoirs; rivers; permanent streams; marshes or natural ponds; estuaries; and commercial fish farm ponds).

Only apply products containing zeta-cypermethrin onto fields where a maintained vegetative buffer strip of at least 10 feet exists between the field and down gradient aquatic habitat.


Buffer Zone for Ground Application (groundboom, overhead chemigation, or airblast) – Do not apply within 25 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, rivers, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

Buffer Zone for ULV Aerial Application - Do not apply within 450 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

Buffer Zone for Non-ULV Aerial Application – Do not apply within 150 feet of aquatic habitats (such as, but not limited to, lakes, reservoirs, permanent streams, marshes, natural ponds, estuaries, and commercial fish ponds).

Spray Drift Requirements
Wind Direction and Speed
Only apply this product if the wind direction favors on-target deposition. Do not apply when the wind velocity exceeds 15 mph.

Temperature Inversion
Do not make aerial or ground applications into temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface. Smoke that layers and moves laterally indicates an inversion.

Droplet Size
Use only Medium or coarser spray nozzles (for ground and non-ULV aerial application) according to ASAE (S572) definition for standard nozzles. In conditions of low humidity and high temperatures, applicators should use coarser nozzles.

Additional Requirements for Ground Applications
Wind speed must be measured adjacent to the application site on the upwind side, immediately prior to application.

For ground boom applications, apply using a nozzle height of no more than 4 feet above the ground or crop canopy.

For aerial applications, turn off outward pointing nozzles at row ends and do not spray the outer two rows. To minimize spray loss over the top in orchard applications, spray must be directed into the canopy.

Additional Requirements for Aerial Applications
The spray boom should be mounted on the aircraft as to minimize drift caused by wingtip or rotor vortices. The minimum practical boom length should be used and must not exceed 75% of the wing span or 80% rotor diameter.

Flight speed and nozzle orientation must be considered in determining droplet size.

Spray must be released at the lowest height consistent with pest control and flight safety. Do not release spray at a height greater than 10 feet above the crop canopy unless a greater height is required for aircraft safety.

When applications are made with a cross-wind, the swath will be displaced downwind. The operator must compensate for this displacement at the downwind edge of the application area by adjusting
the path of the aircraft upwind.

**APPLICATION INSTRUCTIONS**

Use low rate under light to moderate infestation. Higher listed rates should be used under heavy insect pressure. The rate of application is variable according to insect pressure, timing of spray and field scouting. Do not exceed maximum allowable rate.

**Preventive Use**

For cutworm, armyworm, or stalk borer control, MUSTANG Maxx Insecticide may be applied before, during, or after planting. For soil-incorporated applications, use higher rates for improved control. Do not exceed maximum allowable rate.

**Rotational Crops**

With the exception of the crops listed below, do not plant rotational crops within 30 days of last application.

**Tank-Mixture**

MUSTANG Maxx Insecticide may be applied in tank mixtures with other products approved for use on Alfalfa and Non-grass Animal Feeds; Artichoke, globe; Avocado; Barley; Berries; Black Sapote; Brassica Vegetables; Buckwheat; Bulb Vegetables; Canistel; Canola (Rapeseed); Corn; Cotton; Cucurbit Vegetables; Fruiting Vegetables; Grapes; Grass Forage, Fodder and Hay and Grass Grown for Seed; Leafy Vegetables; Legume Vegetables; Maney Sapote; Mango; Papaya; Peanut; Pistachios; Pome Fruits; Rice; Root and Tuber Vegetables; Rye; Safflower; Sapodilla; Sorghum; Soybeans; Star Apple; Stone Fruits; Sugar Beets; Sugarcane; Sunflower; Tree Nuts; and Wheat. Follow the most restrictive directions and precautions which appear on the labels of these products. Test for compatibility of products before mixing.

**Maximum Usage When Applying Both Zeta-Cypermethrin and Cypermethrin Products to the Same Crop Within the Same Season.**

Do not apply more than the maximum seasonal total for either active ingredient when used alone, and do not apply more than the combined maximum seasonal total for both active ingredients as outlined in the table below.

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum Seasonal Total (lb/a)</th>
<th>Maximum Seasonal Total (lb/a) When Applying Cypermethrin and Zeta-Cypermethrin Products to the Same Crop</th>
<th>Maximum Seasonal Total (lb/a) When Applying Zeta-Cypermethrin Products to the Same Crop</th>
<th>Maximum Seasonal Total (lb/a) When Applying Zeta-Cypermethrin plus Cypermethrin Products to the Same Crop</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zeta-cypermethrin</td>
<td>MUSTANG Insecticide</td>
<td>MUSTANG Maxx Insecticide</td>
<td>Cypermethrin</td>
<td>Zeta-cypermethrin plus Cypermethrin</td>
</tr>
<tr>
<td>Cotton</td>
<td>0.3</td>
<td>0.15</td>
<td>0.3</td>
<td>0.3</td>
</tr>
<tr>
<td>Field Corn</td>
<td>0.2</td>
<td>0.10</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Sweet Corn</td>
<td>0.3</td>
<td>0.15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Eggplant</td>
<td>0.3</td>
<td>0.15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pepper (Bell &amp; Non-Bell)</td>
<td>0.3</td>
<td>0.15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Tomato</td>
<td>0.3</td>
<td>0.15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Head Lettuce</td>
<td>0.3</td>
<td>0.15</td>
<td>0.3</td>
<td>0.6</td>
</tr>
<tr>
<td>Head and Stem Brassica</td>
<td>0.3</td>
<td>0.15</td>
<td>0.3</td>
<td>0.6</td>
</tr>
<tr>
<td>Succulent Peas and Beans</td>
<td>0.3</td>
<td>0.15</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Pecans</td>
<td>0.3</td>
<td>0.15</td>
<td>0.3</td>
<td>0.6</td>
</tr>
</tbody>
</table>

NA = Not Applicable.

### Maximum Seasonal Usage and PHI (Pre-Harvest Interval) for MUSTANG Maxx Insecticide Labeled Crops

<table>
<thead>
<tr>
<th>Crop</th>
<th>Maximum Seasonal Total/Acre for MUSTANG Maxx</th>
<th>PHI (days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa</td>
<td>0.05 cutting with a maximum of 3 cuttings per season, 0.15/season</td>
<td>8.0 cutting with a maximum of 24.0 per season</td>
</tr>
<tr>
<td>Non-grass Animal Feeds (Forage, Fodder, Straw and Hay) Group except Alfalfa</td>
<td>0.025 cutting with a maximum of 3 cuttings per season, 0.75/season</td>
<td>4.0 cutting with a maximum of 12.0 per season</td>
</tr>
<tr>
<td>Avocado, Black Sapote, Canistel, Maney Sapote, Mango, Papaya, Sapodilla, Star Apple</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Artichoke, globe</td>
<td>0.1</td>
<td>16.0</td>
</tr>
<tr>
<td>Barley</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Berries</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Brassica Vegetables</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Bulb Vegetables</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Corn, sweet</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Corn, field, seed, pop</td>
<td>0.10</td>
<td>16.0</td>
</tr>
<tr>
<td>Cotton</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Cucurbit Vegetables</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Fruiting Vegetables</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Grapes</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Grass Forage, Fodder, and Hay Group and Grass Grown for Seed</td>
<td>0.025 cutting</td>
<td>4.0 cutting</td>
</tr>
<tr>
<td>Leafy Vegetables</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Legume Vegetables</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Oats</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Canola (Rapeseed)</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Pistachio</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Safflower</td>
<td>0.075</td>
<td>12.0</td>
</tr>
<tr>
<td>Sunflower</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Pearl</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Pome Fruits</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Rice and Wild Rice</td>
<td>0.10</td>
<td>16.0</td>
</tr>
<tr>
<td>Root and Tuber Vegetables (except Sugar Beet)</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Rye</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Soy Farms</td>
<td>0.125/season</td>
<td>20.0</td>
</tr>
<tr>
<td>Sorghum</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Soybeans</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Stone Fruits</td>
<td>0.15</td>
<td>24.0</td>
</tr>
<tr>
<td>Sugar Beets</td>
<td>0.075</td>
<td>12.0</td>
</tr>
<tr>
<td>Sugarcane</td>
<td>0.10</td>
<td>16.0</td>
</tr>
<tr>
<td>Tree Nuts</td>
<td>0.125</td>
<td>20.0</td>
</tr>
<tr>
<td>Wheat</td>
<td>0.125</td>
<td>20.0</td>
</tr>
</tbody>
</table>

The REI (Restricted Entry Interval) is 12 hours for all labeled crops. Refer to the crop specific use directions for detailed information on application timing and any use restrictions.
Nongrass Animal Feeds (Forage, Fodder, Straw and Hay) Group – Except Alfalfa and Alfalfa grown for seed

including: Velvet Bean; Clover (†Trifolium, Melilotus); Kudzu; Lespedeza; Lupin; Sainfoin; Trefoil; Vetch; Crown Vetch; and Milk Vetch.

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Caterpillar</td>
<td>2.24 to 4.0 fl oz/A</td>
<td>Apply as insects appear in sufficient volume of water to ensure thorough coverage of foliage. Use higher listed dosage for increased pest pressure or for increased residual pest control. Do not exceed maximum allowable rate. Apply in a minimum of 2 gallons of finished spray per acre by aerial equipment or 10 gallons per acre by ground equipment. ULV oil spray application is prohibited. Higher volumes of finished spray may improve insect control under high temperatures, when foliage is dense and/or when insect pressure is high.</td>
</tr>
<tr>
<td>Alfalfa Looper</td>
<td>0.014 to 0.025 lb ai/A</td>
<td></td>
</tr>
<tr>
<td>Alfalfa Weevil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Egyptian Alfalfa Weevil (larvae &amp; adult)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flea Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Cloverworm Horwnorms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meadow Spittlebug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato Leafhopper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Velvetbean Caterpillar Webworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Alfalfa Aphid1, 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Peach Aphid1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pea Aphid1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spotted Alfalfa Aphid1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Threecornered Alfalfa Hopper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grasshoppers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant Bugs (including Lygus spp. &amp; Stink Bugs)</td>
<td>2.8 to 4.0 fl oz/A (0.0175 to 0.025 lb ai/A)</td>
<td></td>
</tr>
<tr>
<td><strong>•</strong> Do not make applications less than 7 days apart.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>•</strong> A maximum of 4 fluid ounces of product (0.025 pounds active ingredient) per acre may be applied per cutting and a maximum of 12 fluid ounces of product (0.075 pounds of active ingredient) per acre per season.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>•</strong> Applications may be made up to 3 days of cutting or grazing or up to 7 days of harvesting seed.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1Aphid control may be variable depending on species present and host-plant relationships.

Alfalfa; Alfalfa grown for seed: includes lucerne, sainfoin, holy clover, esparcat, birdfoot trefoil and varieties and/or hybrids of these

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Caterpillar</td>
<td>2.24 to 4.0 fl oz/A</td>
<td>Apply as insects appear in sufficient volume of water to ensure thorough coverage of foliage. Use higher listed dosage for increased pest pressure or for increased residual pest control. Do not exceed maximum allowable rate. Apply in a minimum of 2 gallons of finished spray per acre by aerial equipment or 10 gallons per acre by ground equipment. ULV oil spray application is prohibited. Higher volumes of finished spray may improve insect control under high temperatures, when foliage is dense and/or when insect pressure is high.</td>
</tr>
<tr>
<td>Alfalfa Looper</td>
<td>0.014 to 0.025 lb ai/A</td>
<td></td>
</tr>
<tr>
<td>Alfalfa Weevil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cutworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Egyptian Alfalfa Weevil (larvae &amp; adult)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flea Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Cloverworm Horwnorms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meadow Spittlebug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Potato Leafhopper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Velvetbean Caterpillar Webworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Alfalfa Aphid1, 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Peach Aphid1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pea Aphid1</td>
<td></td>
<td></td>
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<tr>
<td>Spotted Alfalfa Aphid1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Threecornered Alfalfa Hopper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grasshoppers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant Bugs (including Lygus spp. &amp; Stink Bugs)</td>
<td>2.8 to 4.0 fl oz/A (0.0175 to 0.025 lb ai/A)</td>
<td></td>
</tr>
</tbody>
</table>

Tropical Fruits

including: (Avocado, Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, Star Apple)

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aveocado Lace Bug</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
<td>Apply by ground equipment using sufficient water to obtain full coverage of foliage in a minimum of 20 gallons for a concentrate spray or a minimum of 100 gallons for a dilute spray. Apply by air in a minimum of 10 gallons per acre.</td>
</tr>
<tr>
<td>Aveocado Leafhopper</td>
<td></td>
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<tr>
<td>Aveocado Leafroller</td>
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<tr>
<td>Aveocado Loopers</td>
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<tr>
<td>Aveocado Tree Girdler</td>
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<tr>
<td>Aveocado Whitefly</td>
<td></td>
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<tr>
<td>Brown Soft Scale</td>
<td></td>
<td></td>
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<tr>
<td>Caterpillars</td>
<td></td>
<td></td>
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<tr>
<td>Mirds</td>
<td></td>
<td></td>
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<tr>
<td>Omnivorous Loopers</td>
<td></td>
<td></td>
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<tr>
<td>Orange Tortrix</td>
<td></td>
<td></td>
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<tr>
<td>Scale Crawlers</td>
<td></td>
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<tr>
<td>Spanworm</td>
<td></td>
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<tr>
<td>Thrps</td>
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<tr>
<td>Twg Borers</td>
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<tr>
<td><strong>•</strong> Do not apply more than 24.0 fluid ounces of product or 0.15 pounds of active ingredient per acre per season.</td>
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<td></td>
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<tr>
<td><strong>•</strong> Do not apply within 1 day of harvest.</td>
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</tr>
</tbody>
</table>

Globe Artichoke

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<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphid1, 2</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels.</td>
</tr>
<tr>
<td>Artichoke Plume Moth</td>
<td></td>
<td></td>
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<tr>
<td>Lygus Bug2</td>
<td></td>
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<tr>
<td>Proba Bug</td>
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<tr>
<td><strong>•</strong> Do not apply more than 16.0 fluid ounces of product or 0.10 pounds of active ingredient per acre per season.</td>
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<tr>
<td><strong>•</strong> Do not make applications less than 14 days apart.</td>
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<tr>
<td><strong>•</strong> Do not apply within 5 days of harvest.</td>
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</tbody>
</table>

Barley (including malt barley), Buckwheat, Oats, and Rye

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutworm spp., including Army Cutworm</td>
<td>1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate.</td>
</tr>
<tr>
<td>Painted Lady (Thistle)</td>
<td></td>
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</tr>
<tr>
<td>Caterpillar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworm, Southern</td>
<td>1.76 to 4.0 fl oz/A (0.011 to 0.025 lb ai/A)</td>
<td>Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons per ground and 2 gallons by air). For chinch bug control, begin applications when bugs migrate from small grains or grass weeds.</td>
</tr>
<tr>
<td>Armyworm, True</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworm, Yellow-Striped</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cereal Leaf Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flea Beetle spp.</td>
<td></td>
<td></td>
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<tr>
<td>Pale Western Cutworm</td>
<td></td>
<td></td>
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<tr>
<td>Plant Bug spp.</td>
<td></td>
<td></td>
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<tr>
<td>Spittlebug</td>
<td></td>
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</tr>
<tr>
<td>Webworm spp.</td>
<td></td>
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<tr>
<td><strong>•</strong> Do not apply more than 20.0 fluid ounces of product or 0.125 pound of active ingredient per acre per season.</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>•</strong> Do not make applications less than 14 days apart.</td>
<td></td>
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</tr>
<tr>
<td><strong>•</strong> Do not apply within 14 days of harvest for grain, straw, and hay.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Barley: Barley spp. & Stink Bugs)

2 See resistance statement under Directions For Use section.

3Aids in control.

4See resistance statement under Directions For Use section.
Berries Crop Group
including: blackberry; loganberry, red and black raspberry; blueberry, highbush and lowbush; currant; elderberry; gooseberry; huckleberry; and cultivars and/or hybrids of these

Leaffolders
Orange Tortrix
Root Weevils
Vinegar Flies (Adults)
Spotted Wing Drosophila

Rate of Application
Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate.

Method of Application
Apply by ground and air equipment using sufficient water to obtain full coverage of foliage (minimum of 20 gallons per acre by ground and 2 gallons per air).

Bulb Vegetables (Allium spp.)
including: Garlic; Garlic, Great-Headed (elephant); Green Eschalots; Japanese Bunching Onions; Leeks; Onion, Dry Bulb and Green; Onion, Welch; Shallots, Dry Bulb and Green; Spring Onion or Scallions

Insects Controlled
Armyworms
Cutterworms
Leaffiners (adults)
Onion Maggot Adults
Stink Bugs
Aphids

Rate of Application
2.24 to 4.0 fl oz/A
(0.014 to 0.025 lb ai/A)

Method of Application
Apply in a minimum of 20 gallons per acre with ground equipment or in a minimum of 3 gallons per acre by aircraft. Begin applications when pests appear and repeat as necessary to maintain control.

Head and Stem Brassica Vegetables
including: Broccoli; Chinese Broccoli (gai lon, white flowering broccoli); Brussels Sprouts; Cauliflower; Cavalo broccoli; Kohlrabi; Cabbage; Chinese Cabbage (napa); Chinese Mustard Cabbage (gai choy)

Leafy Brassica Greens
Including: Broccoli Raab (rapini); Chinese cabbage (bok choy); Collards; Kale; Mizuna; Mustard Greens; Mustard Spinach; Rape Greens; Turnip Greens

Insects Controlled
Corn Earworm
Cucumber Beetles
Cutworm
Diamondback Moth
Flea Beetles
Imported Cabbage worm
Leaffoppers
Saltmarsh Caterpillar
Southern Cabbage worm
Tobacco Budworm

Rate of Application
2.24 to 4.0 fl oz/A
(0.014 to 0.025 lb ai/A)

Method of Application
Apply in water as necessary for insect control using a minimum of 15 gallons of finished spray per acre with ground equipment and 5 gallons per acre by air.

Low rates of MUSTANG Maxx Insecticide should be used under light to moderate insect pressure. Use higher listed rates to control heavy to extremely heavy insect populations. In areas where arid climatic conditions exist, such as California and Arizona, higher listed rates may be required.

Corn, Sweet

Insects Controlled
Chinch Bug
Corn Rootworm (Adult)
Corn Silkfly
Cutworms
Flea Beetle
Leaffoppers
Japanese Beetle (Adult)
Sap Beetle (adults)
Tarnished Plant Bug

Rate of Application
2.24 to 4.0 fl oz/A
(0.014 to 0.025 lb ai/A)

Method of Application
Apply with ground or air equipment using sufficient water and application methods to insure thorough coverage of foliage. Apply in water using a minimum of 20 gallons of finished spray per acre with ground equipment and a minimum of 2 gallons per acre by air.

Leafminers (adults)

Application
Controlled

Method of Application
Controlled

Controlled

Controlled

Controlled

Aphid control may be variable depending on species present and host-plant relationships.

Corn (Field), Field Corn Grown for Seed, Popcorn At Plant Use

Insects Controlled
Cutworms

Rate of Application
0.16 fl oz per 1,000 linear feet of row
(0.001 lbs ai per 1,000 linear feet of row)

Method of Application
Apply as an in-furrow, band or T-band treatment using a minimum 4" band. Use table below to determine the MUSTANG Maxx Insecticide needs for each acre.

Leaf Spacings (inches)
40
30
20

MUSTANG Maxx (pounds ai per acre)
0.012
0.018
0.024

MUSTANG Maxx (formulated fluid ounces per acre)
1.92
2.28
3.84

• Do not apply more than 16 fluid ounces of product (0.10 pounds of active ingredient) per acre for season.
• Do not apply within 7 days of harvest.

• Do not apply more than 20 fluid ounces of product (0.125 pounds of active ingredient) per acre per season.
• Do not graze livestock in treated areas or cut treated crops for feed.
• Do not apply within 7 days of harvest.

1Aphid control may be variable depending on species present and host-plant relationships.

1See resistance statement under “Directions for Use” section.

2Aids in control.
Corn (Field), Field Corn Grown for Seed, Popcorn

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<tr>
<th>Insects Controlled</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Cutworms</td>
<td>1.28 to 2.56 fl oz/A (0.008 to 0.0175 lbs ai/A)</td>
<td>Make applications when insect populations reach economic thresholds. Refer to local Cooperative Extension Pest Management Guidelines and/or scouting results. Do not exceed maximum allowable rate. Apply by air or by ground equipment using sufficient water to obtain full coverage of foliage (minimum of 2 gallons per acre by air and 10 gallons per acre by ground). For chinch bug control, scout cotton fields and make applications when bugs migrate from small grains or wild grasses to small cotton. Direct spray to the base of plant. Repeat applications at 3 to 5 day intervals if needed. Mustang Maxx Insecticide may only suppress heavy infestations and/or subsequent migrations.</td>
</tr>
<tr>
<td>Corn Earworm</td>
<td>1.76 to 4.0 fl oz/A (0.011 to 0.025 lbs ai/A)</td>
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<tr>
<td>Green Cloverworm</td>
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<td></td>
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<tr>
<td>Meadow Spittlebug</td>
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<tr>
<td>Western Bean Cutworm</td>
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<tr>
<td>Bean Cereal</td>
<td>2.72 to 4.0 fl oz/A (0.017 to 0.025 lbs ai/A)</td>
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<tr>
<td>Leaf Beetle</td>
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<tr>
<td>Corn Borer, European</td>
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<td></td>
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<tr>
<td>Corn Borer, Southwestern</td>
<td></td>
<td></td>
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<tr>
<td>Corn Rootworm Beetle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flea Beetle</td>
<td></td>
<td></td>
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<tr>
<td>Grasshoppers</td>
<td></td>
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<tr>
<td>Hop Vine Borer</td>
<td></td>
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<tr>
<td>Hornworms</td>
<td></td>
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<tr>
<td>Japanese Beetle (adult)</td>
<td></td>
<td></td>
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<tr>
<td>Sap Beetle (adult)</td>
<td></td>
<td></td>
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<tr>
<td>Southern Corn Leaf Beetle</td>
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<tr>
<td>Stalk Borer</td>
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<tr>
<td>Strik Bug Spp.</td>
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<tr>
<td>Tobacco Budworm 1</td>
<td></td>
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<tr>
<td>Webworms 1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworms (including Fall)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cereal Armyworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cereal Chinch Bug</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lbs ai/A)</td>
<td></td>
</tr>
</tbody>
</table>

† Do not apply more than 16 fluid ounces of product (0.1 pound of active ingredient) per acre per season including At-Planting plus foliar applications of Mustang Maxx Insecticide.
‡ Do not apply within 7 days of harvest for grain, stover, and forage.
§ For control of beet armyworms only in the high plains of Texas and Arizona.

Corn Earworm†
Green Cloverworm
Meadow Spittlebug
Western Bean Cutworm†

‡ See resistance statement under “Directions for Use” section.
§ Control may be variable depending on species present and host-plant relationships.

Cotton

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preemergent Use: Cutworms</td>
<td></td>
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</tr>
<tr>
<td>Mustang Maxx Insecticide in the time period from 14 days prior to planting up to emergence of the crop. Apply as a broadcast spray by ground or air, banded (including T-band) or in-furrow spray using sufficient spray volume to achieve adequate coverage. Reduced volumes of water may be used with specialized equipment. Use the highest listed rates of Mustang Maxx Insecticide when incorporating into the soil.</td>
<td></td>
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</tr>
<tr>
<td>Mustang Maxx Insecticide at a 3 to 4 day interval until pest numbers are reduced to acceptable levels.</td>
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<tr>
<td>Soybean (banded) Thrips</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mustang Maxx Insecticide may be applied in water or refined vegetable oil. When water is used, apply a minimum of one gallon of finished spray per acre by air or five gallons of finished spray with ground equipment. When applying in water by air, one quart of emulsified oil may be substituted for one quart of water in the finished spray. When using oil, use a minimum of one quart per acre in the finished spray. Control of lepidopteran eggs may be achieved with proper timing of applications. For boll weevil control, apply Mustang Maxx Insecticide at a 3 to 4 day interval until pest numbers are reduced to acceptable levels.</td>
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</tr>
<tr>
<td>Mustang Maxx Insecticide (0.008 to 0.012 lbs ai/A)</td>
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</tr>
<tr>
<td>Armyworm, Fall</td>
<td></td>
<td></td>
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<tr>
<td>Tobacco Thrips</td>
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<td></td>
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<tr>
<td>Mustang Maxx Insecticide (0.008 to 0.012 lbs ai/A)</td>
<td></td>
<td></td>
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<tr>
<td>Armyworm, Fall</td>
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<td></td>
</tr>
<tr>
<td>Tobacco Thrips</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mustang Maxx Insecticide (0.0165 to 0.0225 lbs ai/A)</td>
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<td></td>
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<tr>
<td>Armyworm, Fall</td>
<td></td>
<td></td>
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<tr>
<td>Tobacco Thrips</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mustang Maxx Insecticide (0.0175 to 0.025 lbs ai/A)</td>
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<td></td>
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<tr>
<td>Armyworm, Fall</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobacco Thrips</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mustang Maxx Insecticide (0.01875 to 0.025 lb ai/A)</td>
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<tr>
<td>Armyworm, Fall</td>
<td></td>
<td></td>
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<tr>
<td>Tobacco Thrips</td>
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<td></td>
</tr>
<tr>
<td>Mustang Maxx Insecticide (0.0165 to 0.0225 lbs ai/A)</td>
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<tr>
<td>Armyworm, Fall</td>
<td></td>
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<tr>
<td>Tobacco Thrips</td>
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</tr>
<tr>
<td>Mustang Maxx Insecticide (0.0175 to 0.025 lbs ai/A)</td>
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<tr>
<td>Armyworm, Fall</td>
<td></td>
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<tr>
<td>Tobacco Thrips</td>
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<tr>
<td>Mustang Maxx Insecticide (0.0175 to 0.025 lbs ai/A)</td>
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<tr>
<td>Armyworm, Fall</td>
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<tr>
<td>Tobacco Thrips</td>
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</tr>
<tr>
<td>Mustang Maxx Insecticide (0.0165 to 0.0225 lbs ai/A)</td>
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<tr>
<td>Grasshoppers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mustang Maxx Insecticide (0.01875 to 0.025 lb ai/A)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

† A maximum of 24 fluid ounces of product (0.15 pounds of active ingredient) may be applied per acre per season.
‡ Do not graze or feed cotton for forage.
§ Do not apply within 14 days of harvest.
| See resistance statement under “Directions for Use” section. |
| For control of beet armyworms only in the high plains of Texas and Arizona. |
| Aphid control may be variable depending on species present and host-plant relationships. |
| Aids in control. |
**Fruiting Vegetables (except Cucurbits)**

including: Eggplant; groundcherry (*Physalis* spp.); okra; pepino (Melon pear); pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper); tomatillo; tomato

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Armyworm, Southern</td>
<td>2.24 to 4.0 fl oz/A</td>
<td>Apply as required by scouting.</td>
</tr>
<tr>
<td>Armyworm, True</td>
<td>(0.014 to 0.025 lb ai/A)</td>
<td>Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate.</td>
</tr>
<tr>
<td>Armyworm, Yellow-striped</td>
<td></td>
<td>Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
<tr>
<td>Celery Leaf Tier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colorado Potato Beetle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Borer, European</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Borer, Southwestern</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Earworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cucumber Beetle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cucumber spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flea Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Garden Webworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Stink Bug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hornworms</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leafhoppers (adults)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Leaftiers spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Meadow Spittlebug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pepper Maggot (adults)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pepper Weevil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Plant Bug</td>
<td></td>
<td></td>
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<tr>
<td>Tobacco Budworm</td>
<td></td>
<td></td>
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<tr>
<td>Tomato Fruitworm</td>
<td></td>
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<tr>
<td>Tomato Pinworm</td>
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</tr>
</tbody>
</table>

**Cucurbit Vegetables Group**

including: Chayote (fruit); Chinese Waxgourd (Chinese Preserving Melon); Citron Melon; Cucumber; Gherkin; Gourd (edible) (including balsam apple, balsam pear, bitter melon, Chinese cucumber); Muskmelon (hybrids and/or cultivars of *Cucumis melo*) (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon); Pumpkin; Summer Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini); Winter Squash (includes butternut squash, calabaza, Hubbard squash, acorn squash, and spaghetti squash); Watermelon (includes hybrids and varieties).

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aphids Controlled</td>
<td>Rate of Application</td>
<td>Method of Application</td>
</tr>
<tr>
<td>Aphis spp. 1</td>
<td>1.2 to 4.0 fl oz/A</td>
<td>Apply as required by scouting.</td>
</tr>
<tr>
<td>(0.0175 to 0.025 lb ai/A)</td>
<td></td>
<td>Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate.</td>
</tr>
<tr>
<td>Cabbage Looper</td>
<td>2.8 to 4.0 fl oz/A</td>
<td>Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
<tr>
<td>Cucumber Beetle spp. (adult)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melonworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pickleworm</td>
<td></td>
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<tr>
<td>Rindworm</td>
<td></td>
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</tr>
<tr>
<td>Squash Bug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Squash Vine Borer</td>
<td></td>
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</tr>
<tr>
<td>Aphis spp.</td>
<td>3.2 to 4.0 fl oz/A</td>
<td>Do not make applications less than 7 days apart.</td>
</tr>
<tr>
<td>(0.02 to 0.025 lb ai/A)</td>
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</tr>
</tbody>
</table>

**Grape**

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Asian Ladybird Beetle</td>
<td>2.0 to 4.0 fl oz/A</td>
<td>Apply as required by scouting.</td>
</tr>
<tr>
<td>(0.0125 to 0.025 lb ai/A)</td>
<td></td>
<td>Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate.</td>
</tr>
<tr>
<td>Eastern Grape Leafflower</td>
<td>4.0 fl oz/A</td>
<td>Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
<tr>
<td>(0.025 lb ai/A)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient) per acre per season.
* Do not apply within 1 day of harvest.
* Aphis in control.
* *Aphid control may be variable depending on species present and host-plant relationships.*
Grass Forage, Fodder, and Hay Group and Grass Grown for Seed and Pasture and Rangeland
including: bahiagrass, barnyardgrass, bentgrass, Bermudagrass, Kentucky bluegrass, big bluestem, smooth bromegrass, buffalo grass, reed canarygrass, centpedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gamagrass, side-oats grama, quina grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop, Kentucky bluegrass, big bluestem, smooth bromegrass, buffalograss, reed canarygrass, centipedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gamagrass, side-oats grama, quina grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop, Kentucky bluegrass, big bluestem, smooth bromegrass, buffalograss, reed canarygrass, centipedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gamagrass, side-oats grama, quina grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop, Kentucky bluegrass, big bluestem, smooth bromegrass, buffalograss, reed canarygrass, centipedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gamagrass, side-oats grama, quina grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop, Kentucky bluegrass, big bluestem, smooth bromegrass, buffalograss, reed canarygrass, centipedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gamagrass, side-oats grama, quina grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop.

Leafy Vegetables (except Brassica)
Including: Amaranth (leafy amaranth, Chinese spinach, tampala); Arugula (Roquette); Cardoon; Celeri; Celery, Chinese; Celtuce; Chervil; Chrysanthemum, edible-leaved and garlic; Cilantro (not for use on cilantro grown for seed or coriander); Corn salad; Cress, garden; Cress, upland (yellow rocket, winter cress); Dandelion; Dock (sorrel); Endive (escarole); Fennel, Florence (finocchio); Lettuce, head and leaf; Orach; Parsley; Purslane, garden; Purslane, winter; Radicchio (red chicory); Rhubarb; Spinach (including New Zealand and vine, Malabar spinach, Indian spinach); Swiss chard.

<table>
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<tr>
<th>Insects Controlled</th>
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<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alfalfa Caterpillar</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Alfalfa Looper</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Alfalfa Weevil</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Cutworms</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Egyptian Alfalfa Weevil (larvae &amp; adult)</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Pea Beetles</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Green Cloverworm</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Hornworms</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Meadow Spittlebug</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Potato Leathopper</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Velvetbean Caterpillar</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Webworms</td>
<td>0.014 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Blue Alfalfa Aphid1</td>
<td>0.0175 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Green Peach Aphid1</td>
<td>0.0175 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Pea Aphid1</td>
<td>0.0175 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Spotted Alfalfa Aphid1</td>
<td>0.0175 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
<tr>
<td>Threehorned Alfalfa Hopper</td>
<td>0.0175 to 0.025 lb ai/A</td>
<td>Application as insects appear in sufficient volume of water to ensure thorough coverage of foliage.</td>
</tr>
</tbody>
</table>

• Do not make applications less than 7 days apart.
• Do not apply less than 7 days apart.
• Do not apply within 1 day of harvest.
• Do not apply within 21 days of harvest.
• Do not spray livestock. Allow application to dry before letting livestock graze on treated area.
• A maximum of 4 fluid ounces of product (0.025 pounds of active ingredient) per acre may be applied per cutting.
• A maximum of 16 fluid ounces of product (0.10 pounds of active ingredient) per acre per season may be applied.
• Do not apply more than 4.0 fluid ounces of product or 0.025 pounds of active ingredient per acre per season including at-plant plus foliar applications.
• For hay, a maximum of 16 fluid ounces of product (0.10 pounds of active ingredient) per acre may be applied per cutting.
• Do not apply more than 4.0 fluid ounces of product (0.025 pounds of active ingredient) per acre per season including at-plant plus foliar applications.
• For forage, straw, and seed screenings, a maximum of 20 fluid ounces of product (0.125 pounds active ingredient) per acre per season may be applied.
• Do not apply more than 4.0 fluid ounces of product (0.025 pounds of active ingredient) per acre per season including at-plant plus foliar applications.
• Do not apply more than 4.0 fluid ounces of product (0.025 pounds of active ingredient) per acre per season including at-plant plus foliar applications.

Legume Vegetables
Legume Vegetables - Dried (except Soybeans) - At-Plant Application
Dried Shelled Pea and Bean (except Soybean), Dried cultivars of bean (Lupinus spp.)
Includes Grain Lupin, Sweet Lupin, White Lupin, and White Sweet Lupin; Phaseolus spp. Includes Field Bean, Kidney Bean, Lima Bean (dry), Navy Bean, Pinto Bean, Tepary Bean; Bean (Vigna spp.) Includes Adzuki Bean, Blackeyed Pea, Catjang, Cowpea, Crowder Pea, Moth Bean, Mung Bean, Rice Bean, Southern Pea, Urd Bean; Broad Bean (dry); Chickpea; Guar; Lablab Bean; Lentil; Pea (Pisum spp.) Includes Field Pea; Pigeon Pea.

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutworm spp.</td>
<td>0.025 lb ai/A</td>
<td>Apply at planting on the soil surface in a 5 – 7 inch band in a minimum of 2 – 7 gallons per acre or broadcast in a minimum of 10 gallons per acre.</td>
</tr>
<tr>
<td>White grub</td>
<td>0.025 lb ai/A</td>
<td>Apply at planting on the soil surface in a 5 – 7 inch band in a minimum of 2 – 7 gallons per acre or broadcast in a minimum of 10 gallons per acre.</td>
</tr>
</tbody>
</table>

• Maximum Amount per Application: Do not apply more than 4.0 fluid ounces of product or 0.025 pounds of active ingredient per acre.
• Maximum Amount per Season: Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient) per acre per season including at-plant plus foliar applications.
• Do not apply within 21 days of harvest for dried shelled peas or beans.

<table>
<thead>
<tr>
<th>Row spacing (inches)</th>
<th>Fl oz/1000 linear feet</th>
<th>Lbs ai/1000 linear feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>0.23</td>
<td>0.0014</td>
</tr>
<tr>
<td>20</td>
<td>0.15</td>
<td>0.00096</td>
</tr>
<tr>
<td>15</td>
<td>0.115</td>
<td>0.0007</td>
</tr>
</tbody>
</table>
Legume Vegetables - Foliar Use

**Succulent Edible-Podded Peas, Succulent Shelled Peas and Dried Shelled Peas (Pisum spp.)**

including: Dwarf Pea; Edible-pod Pea; Snow Pea; Sugar Snap Pea; Pigeon pea; English Pea; Garden Pea; Green Pea; Lentil

**Succulent Edible-Podded Beans, Succulent Shelled Beans, and Dried Shelled Beans**

including: Runner Bean; Snap Bean; Wax Bean; Asparagus Bean; Chinese Longbean; Moth Bean; Yardlong Bean; Jackbean; Soybean (immature seed); Swordbean; Lima Bean; Broad Bean (Fava Bean); Blackeyed Pea; Southern Pea; Grain Lupin; Sweet Lupin; White Lupin; White Sweet Lupin; Field Bean; Kidney Bean; Navy Bean; Pinto Bean; Tepary Bean; Adzuki Bean; Catjang; Crowder Pea; Moth Bean; Mung Bean; Rice Bean; Urd Bean; Chickpea (Garbanzo Bean); Guar; Lablab bean.

### Insects Controlled

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<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutworm spp.</td>
<td>1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting, usually at intervals of 3 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
<tr>
<td>Thistle Caterpillar (Painted Lady)</td>
<td>2.72 to 4.0 fl oz/A (0.017 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting, usually at intervals of 3 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate.</td>
</tr>
<tr>
<td>Saltmarsh Caterpillar</td>
<td></td>
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<tr>
<td>Silver-spotted Skipper</td>
<td></td>
<td></td>
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<tr>
<td>Alfalfa Caterpillar</td>
<td></td>
<td></td>
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<tr>
<td>Armyworm, Southern</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworm, True</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Armyworm, Yellow-Striped</td>
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<td></td>
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<tr>
<td>Bean Leaf Beetle</td>
<td></td>
<td></td>
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<tr>
<td>Bistort Beetle spp.</td>
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<td></td>
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<tr>
<td>Colorado Potato Beetle</td>
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<tr>
<td>Corn Borer, European</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Borer, Southwestern</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Earworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Rootworm Beetle (adult)</td>
<td></td>
<td></td>
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<tr>
<td>Cowpea Curculio</td>
<td></td>
<td></td>
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<tr>
<td>Cucumber Beetle</td>
<td></td>
<td></td>
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<tr>
<td>Flea Beetle</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Green Cloverworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ground Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Imported Cabbageworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Japanese Beetle</td>
<td></td>
<td></td>
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<tr>
<td>Leaf Skeletonizer spp.</td>
<td></td>
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<tr>
<td>Leathopper spp.</td>
<td></td>
<td></td>
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<tr>
<td>Leaffminers (adults)</td>
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<tr>
<td>Mexican Bean Beetle</td>
<td></td>
<td></td>
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<tr>
<td>Pea Weevil</td>
<td></td>
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<tr>
<td>Pea Leaf Weevil</td>
<td></td>
<td></td>
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<tr>
<td>Plant Bug spp.</td>
<td></td>
<td></td>
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<tr>
<td>Potato Leathopper</td>
<td></td>
<td></td>
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<tr>
<td>Seedcorn Beetle</td>
<td></td>
<td></td>
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<tr>
<td>Seedcorn Maggot (adult)</td>
<td></td>
<td></td>
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<tr>
<td>Spittlebug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Three-Cornered Alfalfa Hopper</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobacco Budworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Velvetbean Caterpillar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Webworm spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Woolly Bear Caterpillar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphid spp.</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting, usually at intervals of 3 or more days. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
<tr>
<td>Armyworm, Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Earworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grasshopper spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lesser Cornstalk Borer</td>
<td></td>
<td></td>
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<tr>
<td>Soybean Loopers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stink Bug spp.</td>
<td></td>
<td></td>
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<tr>
<td>Tobacco Thrips</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Do not apply less than 7 days apart.
- Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient) per acre per season.
- Do not graze livestock in treated areas.
- Do not use treated vines or hay for animal feed.
- Do not apply within 7 days of harvest.

1Aids in control.

2See resistance statement under “Directions For Use” section.

3Aphid control may be variable depending on species present and host-plant relationships.

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**Peanut**

including: Apple; Crabapple; Loquat; Mayhaw; Pear; Oriental Pear; and Quince

### Insects Controlled

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<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutworm spp.</td>
<td>1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting, timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate.</td>
</tr>
<tr>
<td>Green Cloverworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Velvetbean Caterpillar</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Red-necked Peanut Worm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bean Leaf Beetle</td>
<td>1.76 to 4.0 fl oz/A (0.011 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting.</td>
</tr>
<tr>
<td>Leathopper spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Southern Corn Rootworm (adult)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vegetable Weevil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Whitefringed Beetle (adult)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Aphid spp.</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lb ai/A)</td>
<td>Do not make applications less than 14 days apart.</td>
</tr>
<tr>
<td>Armyworm, Beetles</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Corn Earworm</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grasshopper spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lesser Cornstalk Borer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soybean Loopers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stink Bug spp.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tobacco Thrips</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient) per acre per season.
- Do not graze livestock in treated areas.
- Do not use treated vines or hay for animal feed.
- Do not apply within 7 days of harvest.

1Aids in control.

2See resistance statement under Directions For Use section.

---

**Pome Fruit Group**

including: Apple; Crabapple; Loquat; Mayhaw; Pear; Oriental Pear; and Quince

### Insects Controlled

<table>
<thead>
<tr>
<th>Insects Controlled</th>
<th>Rate of Application</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Apple Maggot</td>
<td>1.28 to 4.0 fl oz/A (0.008-0.025 lb ai/A)</td>
<td>Begin applications at delayed dormant through first cover as common to the production areas and the target pest species. Apply in a full season spray program.</td>
</tr>
<tr>
<td>Codling Moth</td>
<td></td>
<td></td>
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<tr>
<td>European Apple Sawfly</td>
<td></td>
<td></td>
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<tr>
<td>Green Peach Moth</td>
<td></td>
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<tr>
<td>Japanese Beetle</td>
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<tr>
<td>Lesser Applewasp</td>
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<tr>
<td>Oblique Banded Leafroller</td>
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<tr>
<td>Oriental Fruit Moth</td>
<td></td>
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<tr>
<td>Pandemis Leafroller</td>
<td></td>
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<tr>
<td>Pear Psylla</td>
<td></td>
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<tr>
<td>Plum Curculio</td>
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<tr>
<td>Potato Leathopper</td>
<td></td>
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<tr>
<td>Redbanded Leafroller</td>
<td></td>
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<tr>
<td>Rosy Apple Aphid</td>
<td></td>
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<tr>
<td>Spirea Aphid</td>
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<tr>
<td>Spotted Tentiform Leafminer</td>
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<tr>
<td>Stink Bugs</td>
<td></td>
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<tr>
<td>Tamased Plant Bug</td>
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<tr>
<td>Tuffed Apple Bud Moth</td>
<td></td>
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<tr>
<td>Variegated Leafroller</td>
<td></td>
<td></td>
</tr>
<tr>
<td>White Apple Leathopper</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient) per acre per season.
- Do not graze livestock in treated areas.
- Do not use treated vines or hay for animal feed.
- Do not apply within 7 days of harvest.

1Aids in control.

2See resistance statement under Directions For Use section.

---


<table>
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<tr>
<th>Insects Controlled</th>
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</thead>
<tbody>
<tr>
<td>Armyworm, Fall Armvorm</td>
<td>3.2 to 4.0 fl oz/A (0.020 to 0.025 lb ai/A)</td>
<td>Apply as needed based on pest thresholds determined by scouting practices. Refer to Extension Scouting guidelines for scouting techniques, pest thresholds and treatment timing and treatment intervals. Determine the need for repeat applications, usually at intervals of 7 days, by scouting. Do not exceed maximum allowable rate. MUSTANG Maxx Insecticide can be safely applied in conjunction with approved rice herbicides.</td>
</tr>
<tr>
<td>Rice Stalk Borer</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td>Apply by air or ground equipment using sufficient water to obtain full coverage of foliage. When applying by air, apply in a minimum of 5 gallons of water per acre. For increased control, crop oil concentrate at 16 fluid ounces per acre may be used. For control of rice water weevil in dry seeded rice, make a foliar application as indicated by scouting for the presence of adults and/or feeding scars, usually within a time-frame of 0.5 days after permanent flood establishment. Do not exceed 10 days from starting permanent flood until insecticide application unless scouting indicates adult weevils are not present. Adults may also be treated at later stages of rice development to reduce overwintering populations. For control of rice water weevil in water seeded rice, make the first application after flooding when scouting indicates the presence of adults and/or feeding scars. Application should usually begin when rice has emerged 0.5 inch above the waterline. Under conditions of prolonged migration into the field, start field scouting for rice water weevil adults and/or feeding scars 3-5 days after the initial treatment and, if needed, apply a second application within 7-10 days of the first application. Adults may also be treated at later stages of rice development to reduce overwintering populations. Green bug is known to have many biotypes. MUSTANG Maxx Insecticide may only provide suppression. If satisfactory control is not achieved with the first application of MUSTANG Maxx Insecticide, a resistant biotype may be present. Use alternate chemistry for control.</td>
</tr>
<tr>
<td>Rice Water Weevil (adult)</td>
<td>3.2 to 4.0 fl oz/A (0.020 to 0.025 lb ai/A)</td>
<td>Apply as needed based on pest thresholds determined by scouting practices. Refer to Extension Scouting guidelines for scouting techniques, pest thresholds and treatment timing and treatment intervals. Determine the need for repeat applications, at a minimum of 14 day intervals, by scouting. Do not exceed maximum allowable rate. Apply with ground or air equipment using sufficient water and application methods to insure thorough coverage of foliage. Apply in water using a minimum of 5 gallons of finished spray per acre.</td>
</tr>
</tbody>
</table>

- Do not make applications less than 7 days apart.
- Do not release floodwater within 7 days of an application.
- A maximum of 16 fluid ounces of product (0.10 pound active ingredient) (1.0 pints) may be applied per acre per season.
- Do not use treated rice field for the aquaculture of edible fish and crustacea.
- Do not apply as an ultra-low volume (ULV) spray.
- Do not apply within 14 days of harvest.

### Root and Tuber Vegetables Group 1 (except Sugar Beet)

Including: Arracacha; Arrowroot; Artichoke (Chinese and Jerusalem); Garden Beet; Edible Burdock; Edible Canna; Carrot; Cassava (Bitter and Sweet); Celeriac (Celery Root); Chayote (Root); Turnip-Rooted Chervil; Chicory; Chufa; Dasheen (Taro); Ginger; Ginseng; Horseradish; Leren; Turnip-Rooted Parsley; Parsnip; Potato; Oriental Radish (Daikon); Radish; Rutabaga; Salsify (Oyster Plant); Black Salsify; Spanish Salsify; Skirret; Sweet Potato; Taniier (Cocoyam); Turmeric; Turnip; Yam Bean; and Yam (True)

<table>
<thead>
<tr>
<th>Insects Controlled</th>
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<th>Method of Application</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutworm spp.</td>
<td>1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds levels. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
<tr>
<td>Cabbage Looper</td>
<td>1.76 to 4.0 fl oz/A (0.011 to 0.025 lb ai/A)</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lb ai/A)</td>
</tr>
<tr>
<td>Cabbage Maggot</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lb ai/A)</td>
<td>Do not make applications less than 4 days apart.</td>
</tr>
<tr>
<td>Cabbage Moth</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td></td>
</tr>
<tr>
<td>European Corn Borer</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td></td>
</tr>
<tr>
<td>Fleaboard Beetle spp.</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td></td>
</tr>
<tr>
<td>Southern Corn Rootworm</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td></td>
</tr>
<tr>
<td>Vegetable Weevil</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td></td>
</tr>
<tr>
<td>Whitefringed Beetle (adult)</td>
<td>2.64 to 4.0 fl oz/A (0.0165 to 0.025 lbs ai/A) per acre</td>
<td></td>
</tr>
</tbody>
</table>

- Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient) per acre per season.
- Leaves of Root and Tuber Vegetables cannot be used for food or feed.
- Do not apply within 1 day of harvest.
- 1Aids in control.
- 2See resistance statement under “Directions For Use” section.

### Safflower

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Cutworms</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
<td>Apply as needed based on pest thresholds determined by scouting practices. Refer to Extension Scouting guidelines for scouting techniques, pest thresholds and treatment timing and treatment intervals. Determine the need for repeat applications, at a minimum of 14 day intervals, by scouting. Do not exceed maximum allowable rate. Apply with ground or air equipment using sufficient water and application methods to insure thorough coverage of foliage. Apply in water using a minimum of 5 gallons of finished spray per acre.</td>
</tr>
</tbody>
</table>

- A maximum of 12 fluid ounces of product (0.075 pounds active ingredient per season may be applied.
- Do not apply within 14 days of harvest.
Sod Farms
including: bahiagrass, barnyardgrass, bentgrass, Bermudagrass, Kentucky bluegrass, big bluestem, smooth bromegrass, buffalograss, reed canarygrass, centipedegrass, crabgrass, cupgrass, dallisgrass, sand dropseed, Kentucky fescue, meadow foxtail, eastern gamagrass, side-oats grama, guinea grass, Indian grass, Johnsongrass, lovegrass, napiergrass, oatgrass, orchardgrass, pangolagrass, paspalum, redtop, Italian ryegrass, St. Augustine grass, sprangletop, squirelltaigrass, stargrass, switchgrass, timothy, crested wheatgrass, wildrye grass and zoysia grass. Also included are sudangrass and sorghum forages and their hybrids.

Insects Controlled | Rate of Application | Method of Application
--- | --- | ---
Alfalfa caterpillar | 2.24 to 4.0 fl oz/A (0.014 to 0.025 lb ai/A) | Apply as insects appear in sufficient volume of water to ensure thorough coverage of foliage. Use higher listed dosage for increased pest pressure or for increased residual pest control. Do not exceed maximum allowable rate. Apply in a minimum of 2 gallons of finished spray per acre by ground equipment. ULV oil spray application may improve insect control under high temperatures, when foliage is dense and/or when insect pressure is high.

Application of finished spray per acre by ground equipment. The addition of one to two quarts of emulsified oil per acre to the spray solution may improve spray deposition and insect control.

Soybeans

Insects Controlled | Rate of Application | Method of Application
--- | --- | ---
Cutworm spp. | 1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A) | Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate.

Apply with either aerial or ground equipment using sufficient spray volume to obtain full coverage of the plant and foliage. Use a minimum of 2 gallons of finished spray per acre by air or 10 gallons of finished spray per acre by ground. The addition of one to two quarts of emulsified oil per acre to the spray solution may improve spray deposition and insect control.

Application may improve spray deposition and insect control.

Sorghum (Grain) and Millet

Insects Controlled | Rate of Application | Method of Application
--- | --- | ---
Cutworm spp. | 1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A) | Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate.

Apply with either aerial or ground equipment using sufficient spray volume to obtain full coverage of the plant and foliage. Use a minimum of 2 gallons of finished spray per acre by air or 10 gallons of finished spray per acre by ground. The addition of one to two quarts of emulsified oil per acre to the spray solution may improve spray deposition and insect control.

Application may improve spray deposition and insect control.

Sorhghum (Grain) and Millet

Insects Controlled | Rate of Application | Method of Application
--- | --- | ---
Cutworm spp. | 1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A) | Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate.

Apply with either aerial or ground equipment using sufficient spray volume to obtain full coverage of the plant and foliage. Use a minimum of 2 gallons of finished spray per acre by air or 10 gallons of finished spray per acre by ground. The addition of one to two quarts of emulsified oil per acre to the spray solution may improve spray deposition and insect control.

Application may improve spray deposition and insect control.

Soybeans

Insects Controlled | Rate of Application | Method of Application
--- | --- | ---
Cutworm spp. | 1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A) | Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate.

Apply with either aerial or ground equipment using sufficient spray volume to obtain full coverage of the plant and foliage. Use a minimum of 2 gallons of finished spray per acre by air or 10 gallons of finished spray per acre by ground. The addition of one to two quarts of emulsified oil per acre to the spray solution may improve spray deposition and insect control.

Application may improve spray deposition and insect control.

Sorhghum (Grain) and Millet

Insects Controlled | Rate of Application | Method of Application
--- | --- | ---
Cutworm spp. | 1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A) | Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate.

Apply with either aerial or ground equipment using sufficient spray volume to obtain full coverage of the plant and foliage. Use a minimum of 2 gallons of finished spray per acre by air or 10 gallons of finished spray per acre by ground. The addition of one to two quarts of emulsified oil per acre to the spray solution may improve spray deposition and insect control.
Stone Fruit Group
including: Apricot; Cherry (Sweet and Tart); Nectarine; Peach; Plum (including Chickasaw Plum, Damson Plum, and Japanese Plum); Plumcot; and Prune (fresh)

Sugar Beet

- Do not apply within 50 days of harvest for tops or roots.
- Do not apply more than 12 fluid ounces of product (0.075 pounds of active ingredient) per acre per season including at-plant plus foliar applications of MUSTANG Maxx Insecticide.
- Do not apply within 50 days of harvest for tops or roots.

Sugar Beet

- Do not apply within 14 days of harvest.
- Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient per acre per season).
- Do not apply as a ULV spray.
- Do not apply less than 21 days apart.
- Do not apply more than 16 fluid ounces of product (0.10 pounds of active ingredient per acre per season).
- Do not apply within 21 days of harvest.

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<tr>
<td>American Plum Borer</td>
<td>1.28 to 4.0 fl. oz/A (0.008 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic threshold levels. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (for ground application use a minimum of 20 gallons for concentrate spray or a minimum of 100 gallons for dilute spray; for air application use a minimum of 10 gallons). Do not make applications less than 7 days apart.</td>
</tr>
<tr>
<td>Black Cherry Aphid</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
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</tbody>
</table>
| Cherry Fruit Fly | 4.0 fl oz/A (0.025 lb ai/A) | • Do not apply more than 24 fluid ounces of product (0.15 pounds of active ingredient per acre per season.
• Do not apply as a ULV spray.
• Do not feed or allow livestock to graze on cover crops from treated orchards.
• Do not apply within 14 days of harvest.

Sugar Beet

- Do not apply more than 16 fluid ounces of product (0.10 pounds of active ingredient per acre per season).
- Do not apply within 21 days of harvest.

Sugarcane

- Do not apply more than 4.0 fluid ounces of product (0.025 pound active ingredient) per acre per application.
- Maximum Amount per Season: Do not apply more than 20 fluid ounces of product (0.125 pound active ingredient) per acre per season including at-plant plus foliar applications.
- Do not make more than 5 applications at the maximum rate per season.
- Grazing: Do not graze livestock in treated areas or cut treated crops for feed.
- Do not apply within 30 days of harvest.

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<tbody>
<tr>
<td>Sugarcane Borer</td>
<td>3.0 to 4.0 fl oz/A (0.01875 to 0.025 lb ai/A)</td>
<td>Make applications when insect populations reach economic thresholds. Refer to local Cooperative Extension Pest Management Guidelines and/or scouting results. Do not exceed maximum allowable rate. Apply by air or ground equipment using sufficient water to obtain full coverage of foliage (minimum of 2 gallons per acre by air and 10 gallons per acre by ground).</td>
</tr>
<tr>
<td>Mexican Rice Borer</td>
<td>3.0 to 4.0 fl oz/A (0.01875 to 0.025 lb ai/A)</td>
<td></td>
</tr>
</tbody>
</table>

Sunflower, Castor Oil Plant, Chinese Tallowtree, Euphorbia, Evening Primrose, Jojoba, Niger Seed, Rose Hip, Stokes Aster, Tallowwood, Tea Oil Plant, and Vernonia

At-plant Application

- Maximum Amount per Application: Do not apply more than 4.0 fluid ounces of product (0.025 pound active ingredient) per acre per application.
- Maximum Amount per Season: Do not apply more than 20 fluid ounces of product (0.125 pound active ingredient) per acre per season including at-plant plus foliar applications.
- Do not make more than 5 applications at the maximum rate per season.
- Grazing: Do not graze livestock in treated areas or cut treated crops for feed.
- Do not apply within 30 days of harvest.

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</thead>
<tbody>
<tr>
<td>Cutworm spp.</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
<td>For White grubs and Wireworms: Apply in-furrow or in a 3 – 4 inch T -Band (band over the open furrow) at planting in a minimum of 3 – 5 gallons per acre. For Cutworm spp: Apply at planting on the soil surface in a 5 – 7 inch band or broadcast in a minimum of 3 – 5 gallons per acre.</td>
</tr>
<tr>
<td>White Grub Wireworm</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
<td></td>
</tr>
</tbody>
</table>

At Plant Application:
Sugar Beet Root Maggot (larvae)*

- Maximum Amount per Application: Do not apply more than 4.0 fluid ounces of product (0.025 pound active ingredient) per acre per application.
- Maximum Amount per Season: Do not apply more than 20 fluid ounces of product (0.125 pound active ingredient) per acre per season including at-plant plus foliar applications.
- Do not make more than 5 applications at the maximum rate per season.
- Grazing: Do not graze livestock in treated areas or cut treated crops for feed.
- Do not apply within 30 days of harvest.

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</tr>
</thead>
<tbody>
<tr>
<td>Cutworm species</td>
<td>4.0 fl oz/A (0.025 lb ai/A)</td>
<td>Apply at planting on the soil surface in a 5–7 inch band or broadcast in a minimum of 3–5 gallons per acre.</td>
</tr>
</tbody>
</table>

*Suppression only.
### Wheat and Triticale

<table>
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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Cutworm spp., including Army Cutworm Painted Lady (Thistle) Caterpillar</td>
<td>1.28 to 4.0 fl oz/A (0.008 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air). For chinch bug control, begin applications when bugs migrate from small grains or grass weeds. Apply sufficient spray volume to penetrate the soil/soil interface, leaf collars, and sheaths.</td>
</tr>
<tr>
<td>Armyworm, Southern Armyworm, True Armyworm, Yellow-striped Cereal Leaf Beetle Flea Beetle spp. Pale Western Cutworm Plant Bug spp. Spittlebug Webworm spp.</td>
<td>1.76 to 4.0 fl oz/A (0.011 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air). For chinch bug control, begin applications when bugs migrate from small grains or grass weeds. Apply sufficient spray volume to penetrate the soil/soil interface, leaf collars, and sheaths.</td>
</tr>
<tr>
<td>Aphid spp.</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lb ai/A)</td>
<td>Do not make applications less than 14 days apart. Do not apply more than 20 fluid ounces of product (0.125 pounds active ingredient) per acre per season. Do not apply within 14 days of harvest for grain, forage, and hay. Aphid control may be variable depending on species present and host-plant relationships. See resistance statement under &quot;Directions For Use&quot; section. Aids in Control.</td>
</tr>
</tbody>
</table>

### Tree Nuts Group

including: almond; beech nut; Brazil nut; butternut; cashew; chestnut; chinquapin; filbert (hazelnut); hickory nut; macadamia nut; pecan; pistachio; and walnut (black and English)

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<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Black Pecan Aphid Codling Moth Filbert Worm Hickory Shuckworm Leaffolded Bugs Navel Orangeworm Oblique-banded Leafroller Peach Twig Borer Pecan Leaf Casebearer Pecan Nut Casebearer Pecan Phylloxera Pecan Weevil Plant Bugs Stink Bugs Walnut Aphid Walnut Husk Fly Yellow Pecan Aphid</td>
<td>3.2 to 4.0 fl oz/A (0.02 to 0.025 lb ai/A)</td>
<td>Apply as required by scouting. Timing and frequency of applications should be based upon insect populations reaching locally determined economic thresholds. Do not exceed maximum allowable rate. Apply by ground or air equipment using sufficient water to obtain full coverage of foliage (minimum of 10 gallons by ground and 2 gallons by air).</td>
</tr>
</tbody>
</table>

- Do not apply more than 20 fluid ounces of product (0.125 pounds active ingredient) per acre per season.
- Do not make applications less than 14 days apart.
- Do not apply within 7 days of harvest.

### Foliar Application

- Maximum Amount per Season: Do not apply more than 20 fluid ounces of product (0.125 pounds active ingredient) per acre per season including at-plant plus foliar applications.
- Do not make more than five applications at the maximum application rate per season.
- Grazing: Do not graze livestock in treated areas or cut treated crops for feed.
- Avoid applications when honey bees are actively foraging by applying during the early morning or evening hours.
- Do not apply within 30 days of harvest.
Conditions of Sale and Limitation of Warranty and Liability:

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

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions beyond the control of FMC or Seller. To the extent consistent with applicable law, all such risks shall be assumed by Buyer and User, and, to the extent consistent with applicable law, Buyer and User agree to hold FMC and Seller harmless for any claims relating to such factors.

Seller warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated on the Directions for Use when used in accordance with the directions under normal conditions of use. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, FMC MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, NOR ANY OTHER EXPRESS OR IMPLIED WARRANTIES WITH RESPECT TO THE SELECTION, PURCHASE, OR USE OF THIS PRODUCT. Any warranties, express or implied, having been made are inapplicable if this product has been used contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to (or beyond the control of) Seller or FMC, and Buyer assumes the risk of any such use.

To the extent consistent with applicable law FMC or Seller shall not be liable for any incidental, consequential or special damages resulting from the use or handling of this product. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF FMC AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF FMC OR SELLER, THE REPLACEMENT OF THE PRODUCT.

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