

# GARDEN TECH. **Insect Killer**

### **FIRST AID**

- If swallowed 

  Call poison control center or doctor immediately for treatment advice.

  Have person sip a glass of water if able to swallow.

  Do not induce vomiting unless told to do so by the poison control

  - center or doctor. Do not give anything by mouth to an unconscious person.

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.

Prouce yee open and rinse slowly and gently with water for 15-20 minutes.
 Remove contact lenses, if present, after the first 5 minutes, then confinue rinsing eye.
 Call a poison control center or doctor for 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 1-800-420-9347 for Emergency Assistance.

NOTE TO PHYSICIAN
Skin contact (vapor or powder) may be followed by transient tingling or numbness, usually of the face, but this subsides without treatment. This product is a pyrethroid. If large amounts have been ingested, the stomach and intestines should be evacuated. Treatment is symptomatic and supportive.

For Information Regarding the Use of this Product Call 1-866-945-5033.

DEFICALITIONADY STATEMENTS

### PRECAUTIONARY STATEMENTS

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ENVIRONMENTAL HAZARDS
This pesticide is extremely toxic to fish, aquatic invertebrates, oysters and shrimp. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area. Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Care should be used when spraying to avoid fish and replile pets infaround ornamental ponds. This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are foraging the treatment area.

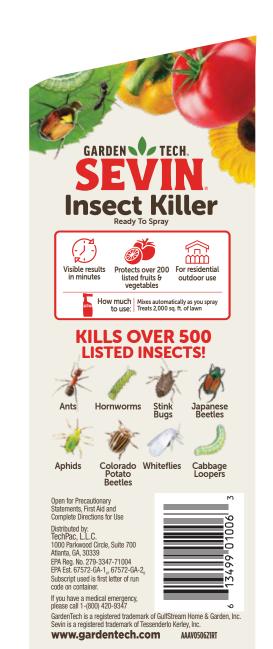
Storage and Disposal
Pesticide Storage: Store in original container in a cool dry area away from heat or open
flame and in an area inaccessible to children and pels. Keep from freezing.
PESTICIDE DISPOSAL AND CONTAINER HANDLING: Normelliable container. Do not reuse or refill this container. **If empty:** Place in trash or offer for recycling if available. **If** partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

Distributed by: TechPac, L.L.C. 1000 Parkwood Circle, Suite 700, Atlanta, GA,

EPA Reg. No. 279-3347-71004 EPA Est. 67572-GA-1,, 67572-GA-2, Subscript used is first letter of run code on container.

If you have a medical emergency, please call 1-(800) 420-9347

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### If in eyes

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the
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  Call a poison control center or doctor for treatment advice.

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treatment area.

### **DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. SHAKE WELL BEFORE USING

### USE RESTRICTIONS

Do not treat pets with this product. Do not apply this product in a way that will contact adults,

children, or pets, either directly or through drift.
Do not allow adults, children, or pets to enter the treated area until sprays have dried.

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Remove pets, birds, and cover fish aquaniums before spraying.

Avoid contamination of food and feedstuffs. Remove or cover exposed food and drinking water before application.

Do not use in food handling establishments in which food is held, processed, prepared, and/or served.

Do not apply directly to animals.

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#### FOR OUTDOOR USES

All outdoor applications must be limited to spot or crack-andan outpoor applications into set per limited to spot or dark-end crevice treatments only, except for the following permitted uses (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, furf, and other vegetation; (3) Applications to building foundations, up to a maximum

height of 3 feet.

Other than applications to building foundations, all outdoor applications to impervious surfaces including sidewalks, driveways, patios, porches and structural surfaces (including windows, doors, and eaves) are limited to spot and crack-and-crevice applications, only.

Do not water the treated area to the point of run-off.

Do not make applications during rain.

Application is prohibited directly into sewers or drains, or to any area like a gutter where drainage to sewers, storm drains, water bodies, or aquatic habitat can occur. Do not allow this product to enter any drain during or after application.

NOTE: The application of this product to vinyl and aluminum siding (particularly lightly colored, aged, weathered or otherwise damaged) may result in staining, bleaching or discoloration. Factors including extreme heat and direct sunlight can promote damage. Before applying this product to vinyl or aluminum siding, treat a small area and evaluate 30 minutes later to allow any potential staining to occur. Regardless of the test results, do not apply to vinyl or aluminum siding while exposed to direct sunlight or during the heat of the day. If you have a medical emergency, need consultation on diagnosis, therapy and analysis please call 1-(80) 420-9347 If you have questions relating to product use or application,

If you have questions relating to product use or application, please call 1-(866) 945-5033.

If you have a product spill or transportation emergency call 1-(800) 424-9300.

For Consumer Refund: TechPac, LLC PO Box 95437 Palatine, IL 60095-0437

### Storage and Disposal

Pesticide Storage: Store in original container in a cool dry area away from heat or open flame and in an area inaccessible to children and pets. Keep from freezing.
PESTICIDE DISPOSAL\_AND CONTAINER HANDLING:

Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions Never place unused product down any indoor or outdoor drain.

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. To the extent consistent with applicable law, User agrees to hold TechPac LLC and Seller harmless for any

### SPECIFIC USE DIRECTIONS

Sevin® Insect Killer Ready to Spray applied through the ready-to-spray hose-end sprayer delivers a solution containing 0.011% zeta-cypermethrin. For all applications, this product provides control of each pest as listed in the Pest Table (see page 6).

## Use

- Shake Well.
   Make sure control lever is in the OFF position. Attach to hose.
   Turn on water. Extend hose to furthest place in lawn or garden, so you can work backwards and limit exposure to spray.
   Spray
   Aim towards direction of application and away from you.
- to Sprav
- Aim towards direction or approximation and compromyou.
   Turn control lever to ON to begin spraying.
   Spray evenly and as directed for specified type of treatment area.
   When finished turn control lever to OFF.
   Turn faucet OFF. Discharge residual water pressure by turning control lever ON and OFF again.
   Disconnect Sprayer and Store / Discard as instructed.

APPLICATION INSTRUCTIONS	<ul> <li>Apply where insects are expected to appear or when insects or dramage are seen. Repeat as necessary according to sitie-specific directions listed below.</li> <li>Apply in calm weather.</li> <li>Begin spraying at the farthest point of the treatment area and work backward to avoid contact with wet treated surfaces.</li> <li>Spray throughly to wet plant surface. Do not apply to the point of runoff.</li> <li>Sprays must be dry in treated areas before people or pets re-enter.</li> <li>Do not apply to trees taller than 10 feet. Conside hiring a licensed professional.</li> <li>Applications to impervious surfaces are limited to spot crack and crevice treatments only.</li> </ul>

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GARDEN VEGETABLES
In the table below, the Pre-Harvest Interval (PHI) refers to the
minimum number of days that must pass between the date of
the last application and the date of harvest. Reapply no more
than once every seven days if insects return and provided the
Pre-Harvest Intervals are followed accordingly.

VEGETABLES	PHI (Days)
Brassica Vegetables: Broccoli, Chinese Broccoli (gai lon, white flowering broccoli), Brussels Sprouts, Cauliflower, Cavalo Broccolo, Kohlrabi, Cabbage, Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Broccoli Raab (rapini), Chinese Cabbage (bok choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens	1 Day
Corn (sweet)	3 Days
Cucurbit Vegetables: Chayote (fruit), Chinese Waxgourd (Chinese Preserving Melon), Citron Melon, Cucumber, Gherkin, Gourd (edible) (including hyotan, cucuzza, hechima, Chinese orkra), Mormordica spp. (includes balsam pape, balsam pear, bitter melon, Chinese cucumber), Muskmelon (includes true cantaloupe, cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pienapple melon, Santa Claus melon, and snake melon), Pumpkin, Summer Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini), Winfer Squash (includes butternut squash, calabaza, hubbard squash, acor squash, and spaghetti squash), Watermelon (includes hybrids and varieties)	1 Day
Legume Vegetables - Succulent Edible-Podded Peas, Succulent Shelled Peas and Dried Shelled Peas: Dwarf Pea, Edible-pod Pea, Snow Pea, Sugar Snap Pea, Pigeon Pea, English Pea, Garden Pea, Green Pea, Lentil	1 Day (Succulent) 21 Days (Dried)
Legume Vegetables - Succulent Edible-Podded Beans, Succulent Shelled Beans, and Dried Shelled Beans: 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), Black-eyed Pea, Southem Pea, Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin, Field Bean, Kingy Bean, Piany Bean, Mary Bean, Mary Bean, Mary Bean, Mary Bean, Mary Bean, Nick Bean, Ward Bean, King Bean, Ward Bean, Mary Bean, Nick Bean, Urd Bean, Mary Bean, Piany Bean, Nick Bean, Ward Bean, Mary Bean, Nick Bean, Ward Bean, Mary Bean, Nick Bean, Ward Bean, Mary Bean, Nick Bean, Ward Bean,	1 Day (Succulent) 21 Days (Dried)
Fruiting Vegetables: Eggplant, groundcherry (Physalis spp.), okra, pepino (melon pear), pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), tomatillo, tomato	1 Day

VEGETABLES (CONTINUED)	PHI (Days)
Leafy Vegetables: Amaranth (leafy amaranth, Chinese spinach, Iampala); Arugula (Roquefle), Cardoon, Celery, Chinese Celety, Celluce, Chervil, Chrysanthernum (edible-leaved and garfand), Cilantro (not for use calanting growin for seed or cortander), Com Salad, Gress (Gardert, Upland yellow rocket, whiter cress), Dandelion, Dock (sorrel), Endve (escarole), Fennel/Florence (finochio), Garden Cress, Lettiuce (head and leaf), Orach, Parsley, Purslane (garden), Purslane (winter), Radicchio (red chicory), Rhubath, Spinach (including New Zealand and vine, Malabar spinach, Indian spinach), Swiss Chard	1 Day
Root and Tuber Vegetables (except sugar beets): Arracacha, Arrowrod, Artichoke (Chinese and Jerusalem), Garden Beet, Edible Burdock, Edible Canna, Carrot, Cassava (Bitter and Sweet), Celera (Celery Root), Chayote (Root), Turnip-Rooted Chervil, Chicoty, Chula, Dasheen (Taro), Ginger, Ginseng, Horseradish, Leren, Turnip-Rooted Pärsley, Parship, Potato, Oriental Radish (Dalkon), Radish, Rutabaga, Salshi (Oyster Plant), Black Salshiy, Spanish Salshiy, Skirret, Sweet Potato, Tanier (Cocoyam), Turmenc, Turnip / Am Bean, Yam (True)	1 Day
Sunflowers: Castor Oil Plant, Chinese Tallowtree, Euphorbia, Evening Primrose, Jojoba, Niger Seed, Rose Hip, Stokes Aster, Tallowwood, Tea Oil Plant, and Vernonia	30 Days
Bulb Vegetables (Allium spp.): 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	7 Days
Peanuts	7 Days

BERRIES, FRUITS, AND NUTS

Use Sevin® Insect Killer Ready to Spray as a spot treatment for pest infestations on the berries, fruits and nuts listed below. Do not make applications to trees over 10 feet or trees with areas inaccessible to sprays. Apply spray mixture to upper and lower leaves, around fruit clusters, and on branches and trunks up to to wet thoroughly. Do not apply to the point of runoff. Reapply no more than once every seven days if insects return and provided the Pre-Harvest Intervals are followed accordingly.

BERRIES, FRUITS, AND NUTS	PHI (Days)
Berries Crop Group: Blackberry, loganberry, red and black raspberry, blueberry, highbush and lowbush, currant, elderberry, gooseberry, huckleberry, cultivars and/or hybrids of these	1 Day
Grapes	1 Day
Pome Fruit Group: Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, and Quince	14 Days
Stone Fruit Group: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (including Chickasaw Plum, Damson Plum, and Japanese Plum), Plumcot, Prune (fresh)	14 Days
Tree Nuts Group: Almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert (hazelnut), hickory nut, macadamia nut, pecan, pistachio, walnut (black and English)	7 Days
Tropical Fruits: Avocado, Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, Star Apple	1 Day
Citrus Trees: Orange, Grapefruit, Lemon. Lime, Citrus Hybrids (including Tangelo), Mandarin, Tangerine, Pummelo, Calamondin, Citron, Kumquat	1 Day

#### ORNAMENTAL TREES, SHRUBS, FLOWERS, AND GROUND COVERS

AND GROUND COVERS

Use Sevin® Insect Killer Ready to Spray as a spot treatment for pest infestations on ornamental trees, shrubs, flowers and ground covers. Spray up to the point of run-off making sure to cover all sides of leaves and trunk. For ground covers, bedding plants, foliage, annuals and perennials, apply as a uniform spray, Reapply if pests return but repeat applications should be limited to no more than once per seven days.

Certain plants including annuals may be sensitive to the final

spray solution. A limited area should be treated and observed for one week prior to application to the entire planting.

#### **OUTDOOR PERIMETER TREATMENTS**

OUTDOOR PERIMIETER TREATMENTS.
Apply to the point of run-off as a residual spray to vegetation including bushes and trees around buildings and other structures. For ants, apply to any trails, around doors and windows and other places where ants may be found. To prevent pests from entering buildings, apply to a band of soil and vegetation 5 to 10 feet wide around and adjacent to the building. Also treat the building foundation to a height of up to 3 feet where pests are active and may find entrance. Apply as a coarse spray. The surface to be treated should be dry at the time of application.

#### LAWNS

LAVIVO
Uniformly apply 4 fl. oz. product per gallon of water per 250 sq ft area. For best results, apply after moving (lawn should not be longer than 3 inches at the time of application). Repeat applications are necessary only if there are signs of renewed insect activity.

#### PESTS CONTROLLED

#### Caterpillars, Butterflies and Moths

Tent forming caterpillars, cocoon forming caterpillars, chrysalis forming

Tent forming caterpillars, coroon forming caterpillars.

Leaf feeding caterpillars (including leaves of flowering plants, bushes and other omamentals, vegetables and trees) azalea leafminers, green doveworm, fruit eating caterpillars legume feeding caterpillars, vegetables and trees) azalea leafminers, green doveworm, fruit eating caterpillars, selem and trunk boring caterpillars, vegetable feeding caterpillars, stem and trunk boring caterpillars, and leafforling caterpillars caterpillars became the vice Moth family including Paray moths and Yucca moths. Cothes moth family, begworm moth family, Gelechid moth family including Patiat bush who will be provided the moth family including Marnoto borer, Squash Vine borer, Dolfs Clearwing moth, Callorina Sycamore borer, Tothroid Moth family (millers) including Futil Tree Leaffoler moth, Orange Tortix, and Codling moth; Skippers including Least Skipper, Silver-spoted Skipper, and Long-tail Skipper, Swallowalia, Gaint Swallowalia, Eastern Black Swallowalia, Spicebush Swallowalia, Gaint Swallowalia, Paray Black Bla

Moth, Promethea Moth (Spicebush Moth, Regal Moth (Royal Wallant) Moth, Rospa Moth (Royal Wallant) Moth), Rospa Moth, Rospa Moth, Rospa Moth, Rospa Moth, and Cynthia Moth), Spinin, Hummingloff Moth (Common Clearwing), White-lined Sphinx, Tomato Hornworm Moth, Big Poplar Sphinx, Cerisy's Sphinx, and Wild-cherry Sphinx; Prominents family including Tentacled Prominents (Puss Moths), and Red-humped Appleworm Moth. Tiger Moth Tamily including Ormale Tiger Moth, Yellow Woolly Bear Moth, Acraea Moth, Milkweed Tiger Moth, Spoted Tiger Moth, Clona, Woolly Bear Zelarpillar Moth (Banded Woolly Bear), Lichen Moth, and Rattlebox Moth; Cleruchid Moth family including Virgnia Cleruchid moth; Tussok moth family including Sypsy Moth, White-marked Tussok Moth; Owlet Moth family including Eight-spotted Forester, Black Witch, Alfalfa Looper, Sweetheart Underwing, Locust Underwing, and Hebrew

#### Common Bristletails

Silverfish Family including Silverfish, and Firebrat

#### Springtails

Podurid Springtail family including Snow Pea, Seashore Springtail; Entomobryid Springtail family including Ainsley's Springtail; Globular Springtail family

#### Cockroaches

Blattid Cockroach Family including Oriental Cockroach (Asiatic Cockroach, Shad Cockroach), and American Cockroach (Waterbug); Blattellid Cockroaches family including German Cockroach (Croton Bug)

#### Termites

Rotting-wood termite family including Pacific Coast Termite; Subterranean termite family including subterranean termites. Not intended to replace structural treatments. For termites—Do not use this product as the sole source of control for active, structural Insi product as the sole source or control for active, structural inflestations by subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the more freatment. It is not intended to provide structural pest control. It is not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can be also the sole that the product can be applied to the product can be also the sole that the substitute of the product can be also the sole that the product can be applied to the product can be also the sole that the product can be also the sole that the product can be applied to the product can be also the sole that the product can be also the sole that the product can be applied to the product can be also the sole that the product can be also the sole that the product can be also that the product can be also the sole that the product can be also the product can be also that the product can be also the product can be also that the product can be also the product can be also the product can be also the product can b only be used to supplement a federally registered conventional product that is registered as a sole source for termite control. This product will not eliminate termite infestations or provide protection against future infestation.

### Earwigs

Long-Horned Earwig family including Ring-legged Earwig, and Riparian Earwig; Common Earwig family including European Earwig

### Grasshoppers & Crickets

Grasshoppers & Crickets

Pygmy Grasshopper family including Aztec Pygmy Grasshopper, Short-Homed Grasshopper family including Creosote Bush Grasshopper, Lubber Grasshopper, Painted Grasshopper, Carolina Locust, Dragon Lubber Grasshopper, Painted Grasshopper, Carolina Locust, Dragon Lubber Grasshopper, Painted Grasshopper, Three-banded Grasshopper, Red-legged Locust, Spur-Ihroated Grasshopper, Three-banded Grasshopper, Red-legged Locust, Spur-Ihroated Grasshopper, Two-stripped Grasshopper, Painter-spoted grasshopper, Southeastern Lubber Grasshopper, Allacea Bird Grasshopper, Four-American Bird Grasshopper, Foen Valley Grasshopper, Foothpick Grasshopper, Foen Valley Grasshopper, Foothpick Grasshopper, Foen Valley Grasshopper, Foothpick Grasshopper, Foothpick Grasshopper, Foothpick Grasshopper, Foothpick Grasshopper, Foothpick Grasshopper, Foothpick Grasshopper, Glorashopper, Foothpick Grasshopper, Foothpick Grasshopper, Glorashopper, Foothpick Grasshopper, Foothpick Grasshopper, Foothpick Grasshopper, Glorashopper, Foothpick Grasshopper, Foothpick Grassho

#### True Bugs

Plant Bug family including Adelphocoris Plant Bugs, Scarlet Plant bugs, Tarnished Plant Bugs, and Four-lined Plant Bug: Assassin büg family including Beë Assassins. Wheel Bug
Ambush Bug family including Jagged Ambush Bug: Lace Bug
family including Jagged Ambush Bug: Lace Bug
family including Jagged Ambush Bug: Lace Bug
family including
Small Eastern Milkweed Bug: Seed Bug family including
Small Eastern Milkweed Bug: Stilt Bug family including. Stilt Bugs:
Leaf-footed Bug family including Florida Leaf-footed Bug, and
Squash Bug: Scentless Plant Bug family including Eastern
Boxelder Bug and Western Boxelder Bug, Stink Bug family
including Green Stink Bug. Brown Marmorated Stink Bug
Brochymenas; Two-spotted Stink Bug (Conspicuous Stink
Bug), Harlequin Cabbage Bug (Calico Bug, Fire Bug), and
Spiried Soldier Bug

Cicatas and Kin Bug: Assassin bug family including Bee Assassins, Wheel Bug

#### Cicadas and Kin

Cicada family including Periodical Cicadas, Dogday Harvestfly, and Grand Western Cicada

#### Treehoppers

Treehopper family, including Thorn-mimic Treehopper, Oak Treehopper, Buffalo Treehopper, and Locust Treehopper

#### Leafhoppers

Leafhopper family including Grape Leafhopper, Scarlet-and-greet Leafhopper, Sharpshooter, Spotted Lanternfly

#### Thrips

Banded Thrips family including Banded-wing Thrips; Common Thrips family

#### Beetles

Tiger Beetle Family including Beautiful Tiger Beetle, Dainty Tiger Beetle, Six-Spotted Green Tiger Beetle, and Dejean's Flightless Tiger Beetle; Ground Beetle family including Bombardier Beetle, Fiery Searcher (Caterpillar hunter), European Ground Beetle, Green Pubescent Ground Beetle, Common Black Ground Beetle and Boat-backed Ground Beetle; Predacious Diving Beetle family Green Pubescent Ground Beetle, Common Black Ground Beetle, and Boat-backed Ground Beetle, Pommon Black Ground Beetle, and Boat-backed Ground Beetle, Predacious Diving Beetle family including Small Flat Diving Beetle, Predacious Diving Beetle family including Amal Flat Diving Beetle, Proving Beetle, and Marbied Diving Beetle, Whirligig Beetle family including Large Whirligig Beetle, and Small Whirligig Beetle, Hister Beetle family including Glod-and-brown Rove Beetle and Pictured Rove Beetle; Carrion Beetle family including Margined Burying Beetle, Tomentose Burying Beetle (Gold-excet Carrion Beetle American Carrion Beetle family including Margined Burying Beetle, American Carrion Beetle, and Northern Carrion Beetle, Stag Beetle American Carrion Beetle, and Northern Carrion Beetle, Stag Beetle, American Carrion Beetle, and Northern Carrion Beetle, Stag Beetle, American Carrion Beetle, and Northern Carrion Beetle, Stag Beetle, Passays: Stathorned Stag Beetle, Reddish-brown Stag Be

#### Beetles (CONTINUED)

Beetle; Darkling Beetles including Horned Fungus
Beetle, Broad-necked Darkling Beetle, Plicate Beetle, Yellow
Mealworm Beetle, and Ironclad Beetle; Fire-colored Beetles Beetle, Broad-necked Darking Beetle, Pilcate Beetle, Yellow Mealworm Beetle, and Inondaid Beetle; Fire-colored Beetles family including Fire Beetles, Gall Find Blister Beetles Samily including Striped Blister Beetle, All Cong-horned Beetle Samily including Striped Blister Beetle, Cloi Beetle), Long-horned Beetle family including Black-horned Pine Borer, Yellow Douglass Fire Borer, Long-jawed Longhorn, Eider Borer (Cloaked Knotify-horn), Twig Pruners, Pine Sawyer (Spined-neck Longhorn), Golden-hairder Hower Longhorn, Locust Borer, Black Pine Sawyer (White Spotted Sawyer), Clyindrical Hardwood Borer, Cationwood Borer, Cottonwood Borer, Galart Root Borers, Ribbed Pine Borer, California Laurel Borer (Banded Alder Borer), Nory marked Beetle, Red Milkweed Beetle (Eastern Milkweed Longhorn), Notch-tipped Flower Longhorn, and Willow Borer, Seetl Borer family including Bean Weewit, Leaf Beetle Family including Dogwood Calligrapia, Milkweed Tortoise Beetle (Argus Tortoise Beetle, Spotted Asparagus Beetle, Clavater Tortoise Beetle, Swarp Milkweed Leaf Beetle, Waternily Leaf Beetle, Swarp Milkweed Laghes, Swarp Milkweel Stored-grain Billbug (Granary Weevil, Elephant Bug); Bark and Ambrosia Beetle family including Red Turpentine Beetle, Pine and Spruce Engraver Beetles, and Bark Beetles

### Bees, Ants, Wasps, Sawflies

Bees, Ants, Wasps, Sawfiles

Cimbicid Sawfiles amily including Nusty Willow Sawfly;
Common Sawfly family including Northeastern sawfly;
Horntali family including Pigeon Horntali, and Smokey
Horntalis; Stem Sawflies family including Raspberry Horntali;
Braconids family including Braconid Wasps; Ichneumons
family including Giant Ichneumons, Short-tailed Ichneumons
and Red-tailed Ichneumon; Torymid Wasps family including
California Torymus; Chalcid family including California Todak Gall
Wasps and Live Clak Gall Wasp; Pelecinid family including
American Pelicini; Tiphild Wasp family including Five-banded
Tiphild Wasp; Velvet-Ants including Thistledown Velvet-ant,
Red Velvet-Ant, and Cow Killer, Sobild Wasp family including
Scarab-hunter Wasp, and Digger Wasp; Ant family including
Scarab-hunter Wasp, and Digger Wasp; Ant family including
Spine-waisted ants. Lefacturer ants. Crazy Ants. Tawny
Crazy Ants, Texas Shed-builder ant (Acrobat Ant), Red Ant,
Legionary Ant, Little Black Ant, And Lands Honey Ant, Crazy Anfs. Texas Shed-builder ant (Acrohaf Ant), Red Anf, Legionary Ant. Little Black Ant. Anid Lands Honey Ant, Big-headed Ant, Honey Ant, and Fire Ant; Vespid Wasp family including Potter Wasp, Farer Wasps, Yellow Jackets, and Sandhills Hornet, Spider Wasps including Blue-black Spider Wasps, and Tarantula Hawk. Spheod Wasp family including Thread-waisted Wasps. Eastern Sand Wasp, Steel-bible Cricket Hunter, Purblish-bible Cricket Hunter Florida Hunting Wasp, Black and Yellow Mud Dauber, Cicada Killer, and Great Golden Digger Wasp. Dee families Inducing Plastierre Bee, Yellow-faced Bees, Villescent Green Metallic Bees, Augochiora Green Metallic Bees, Alkall Bee, Mining Bee, Willow Mining Bee, Western Leafcytting Bee, Mason Bees, California Leafcutting Bee, Digger Bees, Western Cuckoo Beer, California Carpenter Bee

### Flies

Tries

Crane fly family including Wood-boring Tupulid, Giant Wester
Crane Fly, and Crane Flies; Phantom Crane Flies including
Phantom Crane Fly, Net-winged Midges including Constock\*.

Net-winged Midge; Phantom Midges; Black Flies including Black
flies; March Flies family including March Flies; Fungus Gnats
family including Fungus Gnats; Saipe Fly family including
Gold-backed Snipe Fly; Stiletto Fly family including Stiletto

#### Flies (Continuted)

Files (Continuted)

Files: Flower-loving Fly family including Flower-loving Fly.

Mydas Fly family including Mydas fly: Robber Fly family
including Bearded Robber Fly, Sacken's Bee Hunter, Giant
Robber Fly, Bee Killer (Glant Robber Fly), and Robber Flies:
Bee Files including Bee Fly, Large Bee Flies, and Progressive
bee Flies: Dance Flies including Dance Flies, and Texan
Long-legged Flies including Long-legged Flies, and Texan
Long-legged Fly: Hover Fly family including Woollty Bear
Hover Flies: Elongate Aphid Flies, Drone Flies, Bulb Flies,
American Hover Flies, and Toxomerus Hover Fly; Thick
Headed Fly family including Thick headed fly: Pyrgotid Fly
family including The House Fly: American Hover Flies, Sub Flies,
American Hover Flies, and Toxomerus Hover Fly; Thick
Headed Fly family including Thick headed fly: Pyrgotid Fly
family including Pales flies; Fruit Fly family including Marsh flies;
Shore fly family including Yellowstone Brine Fly: Pomace fly
family including Vinegar Fly: Anthomyrid Fly family including
Dung Fly, Muscid Fly family including House Fly, and Biting
Stable Fly, Louse Fly family, Bow Fly family including Blue
Bottle Fly, Screw-worm Fly, and Green Bottle Fly, Flesh Fly
family including Flesh flies; Tachnird Fly family including
Beellike Tachind Fly, Early Tachind Fly, Repetitive Tachind Fly,
Spiders

#### Spiders

Fly, Tachina Fly, and Fringe-legged Tachinid Fly

Spiders

Folding trapdoor spider family including Turret spider;
Tarantula family including Desert Tarantula; Trapdoor Spider
family including California Trapdoor spider, Dictynid spider
Loxosceles, and Violin Spider, Comb-footed Spider family
including Hammock Spider, Comb-footed Spider family
including of Hammock Spider, Comb-footed Spider family
including Orb weavers, barn spider, Garden spider (cross
spider), Marbled orb Weaver, Shamrock Spider, Ski-spotted
Orb-weaver, Silver Arglope, Black-and-Yellow Arglope,
Crablike Spiny Orb Weaver, Bola Spider, Arrow-shaped
Micrathena, and Golden-silk spider (calico spider).
Large-jawed Orb Weaver, Bola Spider, Arrow-shaped
Micrathena, and Golden-silk spider (calico spider).
Large-jawed Orb Weaver, Bola Spider, Arrow-shaped
Micrathena, and Golden-silk spider (calico spider).
Large-jawed Orb Weaver, Ennel Web Weaver
family including Grass Spiders; Nursery Web Spider family
including Grass Spiders; Nursery Web Spider family
including Grass Spiders, Sursery Web Spider family
including Grass Spider, and Thin-legged Wolf spider, Porest Wolf
spider, rabid wolf spider, and Thin-legged Wolf spider, Envis
Wordering spider ramily including Mandening spider, Forest Wolf
spider, Family including Huntsman spider; and Golden
Huntsman spider; Selenopid Crab Spider family including
Goldenrod spider (flower spider, ere-spotted Crab Spider, and
family including Huntsman spider; and Golden
Huntsman spider; Selenopid Crab Spider family including
Goldenrod spider (flower spider, ere-spotted Crab Spider, Pores
Tock
Blacklegged tick, Brown dog tick, Deer tick, Lone Star Tick

Ticks
Blacklegged tick, Brown dog tick, Deer tick, Lone Star Tick

Blacklegged tick, Brown dog tick, Deer tick, Lone Star Tick Psyllid, Whiteflies, Aphids, Mealybugs, Scale Insects Psyllid family including American Alder Psyllid; Whitefly family including Green Apple Aphid, Rosy Apple Aphid family including Green Apple Aphid, Rosy Apple Aphid, Rose, Pea and Potato Aphid, Rosy Apple Aphid, Coudy-winged Cottonwood Aphid, and Gertt Willow Aphid; Woolly and Gall-Making Aphid family including Woolly Apple Aphid, Giant Scale Insects family including Cottony Cushion Scale, Armored Scale Insects family including Oyster Shell Scale; Mealybug family including Long-failed mealybug; Cochineal Bug family including Cochineal Bug

#### Millipedes

Millipedes including soft millipedes, Florida millipede, Almond millipede, North American millipede and flat millipedes

Plants	Pests	PHI (Days)		
Vegetables				
Brassica vegetables: Broccoli, Chinese Broccoli, Gai Ion, white flowering broccoli, Brussels Sprouts, Cauliflower, Cavalo Broccolo, Kohlrabi, Cabbage, Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Broccoli Raab (rapini), Chinese cabbage (bok choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Greens, Mustard Spinach, Rape Greens, Turnip Greens	Corn Earworm, Cucumber Beetles, Cutworm, Diamondback Moth, Flea Beetles, Imported Cabbageworm, Leafnoppers, Saltmarsh Caterpillar, Southern Cabbageworm, Tobacco Budworm, Alfalfa Looper, Armyworms, Cabbage Looper, Cabbage Webworm, Ground Beetles, Leafminers (adults), Lygus Bugs, Onion Thrips, Stinkbugs, Wireworm (adults), Aphids, and Whitefilies	Spray up to 1 day before harvesting		
Sweet Corn	Chinch Bug, Com Rootworm (Adult), Com Silkfy Hea Beetle, Leafhoppers, Japanese Beetle (Adult), Sap Beetle (Adult), Sap Beetle (adults), Tarnished Plant Bug, Armyworms, Com Borers, Com Earworm, Grasshoppers, Aphids	Spray up to 3 days before harvesting		
Curcurbit vegetables: Chayote (fruit), Chinese Waxgourd (Chinese Wreserving Melon), Citron Melon, Cucumber, Gherkin, Gourd (edible) (including hyotan, cucuzza, hechima, Chinese orkra), Mormordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese	Cutworms, Cabbage Looper, Cucumber Beetles. (adult), Leafhoppers, Melomworm, Pickleworm, Rindworm, Squash Bug, Squash Vine Borer, Corn Eanworm, Plant Bugs, Stinkbugs	Spray up to 1 day before harvesting		

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Plants	Pests	PHI (Days)
Curcurbit vegetables: (cont.) cucumber), Muskmelon (Includes true cantaloupe, cantaloupe, casaba, crenshaw melon, oneydew melon, honeydew melon, honeydew melon, pineapple melon, parta Claus melon, pineapple melon, and snake melon, prasta Claus melon, and snake melon, prasta 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)	Cutworms, Cabbage Looper, Cucumber Beetles. (adult), Leafhoppers, Melonworm, Pickleworm, Rindworm, Squash Bug, Squash Vine Borer, Corn Earworm, Plant Bugs, Stinkbugs	Spray up to 1 day before harvesting
Legume Vegetables - Succulent Edible- Podded Peas, Succulent Shelled Peas, Succulent Shelled Peas, Bucculent Shelled Peas and Dried Shelled Peas. Dwarf Pea, Edible-pod Pea, Snow Pea, Sugar Snap Pea, Peage Pea, Bergen Pea, Lentil Legume Vegetables - Succulent Edible-Podded Beans, Succulent Shelled Beans, and Dried Shelled Beans, and Dried Shelled Beans, and Dried Shelled Beans, and Pied Shelled Beans. Succulent Shelled Beans, and Feas Bean, Wax Bean, Asparagus Bean, Chinese Longbean, Moth Bean, Yardlong Bean, Jackbean, Soytbean (Immature seed), Swordbean, Lima Bean, Broad Bean Feav Bean, Moth Bean, Mung Bean, Rice Bean, Urd Bean, Clippa Bean, Chickpea (Garbanzo Bean), Guar, Lablab Bean	Cutworms, Painted Lady (Thistle) Caterpillar, Saltmarsh Caterpillar, Silverspotted Kipper, Alfalfa Caterpillar, Gilverspotted Armyworm, Tue Armyworm, Tue Armyworm, Tue Armyworm, Tue Beatle, European Corn Borer, Compan Corn Borer, Compan Corn Borer, Compan Corn Borer, Southwesten Corn Earworm, Corn Roctworm Beatle (adult), Cucumber Beetle, Green Cloverworm, Ground Beetles, Imported Cabbageworm, Japanese Beetle, Leaf Skeletonizers, Leafmippers,	Spray up to 1 day before harvesting on succulent shelled or edible-pod-ded peas or beans, and up to 21 days before shelled peas or beans and shelled peas or beans.
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Plants	Pests	PHI (Days)
Legume vegetables: (cont.)	Leafhopper, Seedcorn Beetle, Seedcorn Maggot (adult), Spittlebug, Three-Comered Afalfa, Hopper, Tobacco Budworm, Velvetbean Caterpillar, Webworms, Woolly Bear Caterpillar	Spray up to 1 day before harvesting on succulent shelled or edible-podded peas or beans, and up to 21 days before harvesting for dried shelled peas or beans
Fruiting vegetables: Eggplant, groundcherry (Physails spp.), okra, pepper (Includes bell pepper, chili pepper, colking pepper, pimento, sweet pepper, tomatillo, tomato	Armyworm, Southern Armyworm, Armyworm, Yellow-striped Celery Leaf Tier, Colorado Potato Beetle, Corn Borer, European, Corn Borer, Southwestern Corn Earworm, Cucumber Beetle, Cuthorm Fiele Beetle, Garden Wiebworm, Green Stink Bug, Hornworm, Seafminers (adults), eaffongers, Meadow Spittlebug, Pepper, Weley Merch Cornel Corne	Spray up to 1 day before harvesting
Leafy vegetables: Amarath (leafy amarath, Chinese spinach, tampala); Arugula (Roquetla), Cardoon, Celery, Chinese Celery, Celtuce, Chervil, Celtuce, Chervil, Celtuce, Chervil, Clarbard, Cortical and garland), Cillanto (not for use on cillanto grown for seed or coriander), Corn salad, Cress (Garden, Upland (yellow rocket, winter cress)), Dandellon, Dock (sorre), Endive (escarole), Fanuel Florence (finochio), Garden Cress, Lettuce (head and leaf), Orach, Purstane (winter), Radicchio (red chicury), Radicchio (red chicury), Rubard, Spinach (including New Zealand and vine, Malabara spinach), Swiss chard	Corn Earworm, Coumber Beetles, Cutwoms, Diamondback Moth, Flea Beetles, Imported Cabbageworm, Leafhoppers, Saltmarsh Caterpillar, Tobacco Budworm, Armyworms, Loopers, Lygus Bugs, Onion Thrips, Stink Bugs, Wireworm	Spray up to 1 day

Swiss chard 13

Plants	Pests	PHI (Days)	
Root and Tuber vegetables (except sugar beets): Arracacha, Arrowroot, Artichoke, Garden Beet, Edible Burdock, Edible Canna, Carro, Churip-rooted Chervil, Chicory, Chufa, Dasheen (Taro), Ginger, Ginseng, Horseradish, Leren, Turnip-Rooted Parsley, Parsip, Potato, OrientalRadish (Dalkon), Rutabaga Salish, Sansih Salish, Karet, Sweet Potato, Tanier (Cocyan), Turnip-Kam Bean, Yam (True)	Cutworms, Cabbage Looper, Cucumber Beelte, European Corn Borer, Flea beetles, Leafinoppers, Southern Corn Rodotworm (adult), Vegetable Weeril Whiteringed Beetle (adult), Armyworm, Beet Armyworm, Yellowstriped Cabbage Maggot, Colorado Potato Beetle, Grasshoppers, Imported Cabbageworm, Potato Leafinopper, Potato Psyllid, Potato Tuberworm, Tamished Plant Bug	Spray up to 1 day before harvesting	
Sunflowers: Castor Oil Plant, Chinese Tallowtree, Euphorbia, Evening Primrose, Jojoba, Niger Seed, Rose Hip, Stokes Aster, Tallowwood, Tea Oil Plant, and Vernonia	Cutworm spp., White Grub, Wireworm	Spray up to 30 days before harvesting	
Bulb Vegetables (Allium spp.): Gartic, Grait, Great-Headed (elephant), Green Eucholts, Japanese Bunching Onions, Leeks, Onion, Dry Bulb and Green, Onion, Welch, Shallots, Dry Bulb and Green, Spring Onion or Scallions	Armyworms, Cutworms, Leafminers (adults), Onion Maggot Adults, Stink Bugs, Aphids, Onion Thrips	Spray up to 7 days before harvesting	
Peanuts	Cutworm spp. Green Coverworm Vervelbear Coverworm Vervelbear Calespilar, Red-necked Peanut Worm, Bear Red Necked Leaflogper spp. Southern Corn Rockworm (adult), Visignable Week Williaminged Beetle (adult), Apilic spp. Hilliaminged Beetle (adult), Apilic spp. Heart Williaminged Beetle (adult), Apilic spp. Heart Williaminged Beetle Earlym, Gest Comfable Borer, Soybean Looper, Stiff Soybean Looper, Stiff Bug spp., Tobacco Thirips	Spray up to 7 days before harvesting	
BERRIES, FRUITS, AND NUTS			
Berries Crop Group: Blackberry, loganberry, red and black raspberry, blueberry, highbush and lowbush, currant, elderberry, gooseberry, huckleberry, cultivars and/or hybrids of these	Leafrollers, Orange Tortrix, Root Weevils	Spray up to 1 day before harvesting	
Grapes	Eastern grape Leafhopper, Variegated leafhopper, Western grape leafhopper, and Spotted Lanternfly	Spray up to 1 day before harvesting	

Plants	Pests	PHI (Days)
Pome Fruit Group: Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, and Quince	Apple Maggot, Codling Moth, European Apple Sawliy, Green Fruilworm, Japanese Beetle, Lesser Appleworm, Obliguer Appleworm, Obliguer Banded Learfoller, Oriental Fruit Moth, Pandemis Leafroller, Pear Psyla, Plum Curculio, Potalo Learfolper, Red Aphid, Spirea Mante Meathing, Spirea Mante Mant	Spray up to 14 days before harvesting
Stone Fruit Group: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (including Chickasaw Plum, Damson Plum, and Japanese Plum), Plumcot, Prune (fresh)	American Plum Borer, Black Cherry Aphid, Cherry Furit Fly, Green Fruitworm, Leaffolgers, Leasthoppers, Lesser Peach Tree Borer, Peach Tree Borer, Peach Tree Borer, Plum Curcillio, Oriental Furil Moth, Rose Chaler, Stim, Rose Chaler, Stim, Bugs, Tamished Plant Bug, Tuffed Apple Budmoth, Western Cherry Fruit Fly, Spottled Lanteriffy	Spray up to 14 days before harvesting
Tree Nuts Group: Almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, filbert (hazelnut), hickory nut, macadamia nut, pecan, walnut (black and English)	Black Pecan Aphid, Codling Moth, Filbert Worm, Hickory Shuckworm, Leaffooted Bugs, Navel Orangeworm, Obligue-banded Leaffolted, Peach Twig Gasebearer, Pecan Mut Casebearer, Pecan Mut Casebearer, Pecan Pryllowera, Pecan Wervil, Plant Bugs, Stink Bugs, Stink Bugs, Walnut Aphid, Wainut Husk Fly, Yellow Pecan Aphid	Spray up to 7 days before harvesting Do not apply more than 12 oz of this product per 1,000 sq.ft.
Tropical Fruits: Avocado, Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, Star Apple		Spray up to 1 day before harvesting
Citrus Trees: Orange, Grapefruit, Lemon. Lime, Citrus Hybrids (including Tangelo), Mandarin, Tangerine, Pummelo, Calamondin, Citron, Kumquat		Spray up to 1 day before harvesting