





# **QUICK FACTS**

PRODUCT FACTS Kills by contact

Visible results in minutes

Allow product to dry completely before people and pets return to the lawn



Fruit and Vegetable Gardens, Ornamental Plants and Shrubs, Flowers and Ground Covers, Around Structures, Lawns

VEGETABLES

Protects over 250 listed fruits and vegetables

Tomato, Pepper, Squash, Cucumber, Broccoli, Kale, Lettuce,

Blackberry, Carrot

Imported Cabbageworm, Cutworms, Armyworms, Flea Beetles, Stink Bugs, Whiteflies, Aphids, Japanese Beetles and other listed lawn & garden insects

HOW MUCH Mixes automatically as you spray.
To USE Treats 2 000 sq. ft. of lawn Treats 2,000 sq. ft. of lawn

# **FIRST AID**

If in eyes

Call poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow to bo not induce wornting 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. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice.

# HOTLINE NUMBER

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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.

# PRECAUTIONARY STATEMENTS ENVIRONMENTAL HAZARDS

IENVIRONMEN I AL HAZARUS
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 reptile 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.

Distributed by: TechPac, L.L.C. 1000 Parkwood Circle, Suite 700 Atlanta, GA 30339

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

GardenTech is a registered trademark of Gulfstream Home & Garden, Inc. Sevin is a registered trademark of Tessenderlo Kerley, Inc.



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

through drift.

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

Remove pets, birds, and cover fish aquariums 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. Do not use in aircraft.

FOR OUTDOOR USES
All outdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses:

- Treatment to soil or vegetation around structures;
   Applications to lawns, turf, and other vegetation;
   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-(800) 420-9347 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

IMPORTANT – Directions for Storage and Disposal		
	Keep from freezing. Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place, preferably in a locked storage area and avoid excess heat. After partial use, replace lids and close tightly. Do not put concentrate or dilute material into drink containers.	
Disposal and Container	Nonrefillable container. Do not reuse or refill this container, except as directed for refilling, 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 claims related to such

# 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 5).

How to Use the Ready to Spray	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 fowards direction of application and away from you.  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 damage are seen. Repeat as necessary according to site-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 throotophyl to wet plant surfaces up 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. Consider hiring a licensed professional.</li> </ul>
	3

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
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 Rado (rapin), Chinese Cabbage (bok choy), Collards, Kalle, Mizuna, Mustard Greens, Mustard Spinach, Rape Greens, Tumip 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 cucra, Mormordica spp. (includes balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (includes true cantaloupe, casaba, crenshaw melon, agolen pershaw melon, noneydew melon, noney balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and raske melon), Pumpkin, Summer Squash (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zuucchini), Winter Squash (includes butternut squash, calabaza, hubbard squash, acom squash, and späghetti squash), Watermelon (includes hybrids and varietles)	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, Southern Pea, Grain Lupin, Sweet Lupin, White Lupin, White Sweet Lupin, Field Bean, Kidney Bean, Navy Bean, Pinto Bean, Tepary Bean, Adzuki Bean, Catjang, Cowpea, Crowder Pea, Moth Bean, Mung Bean, Rice Bean, Urd Bean, Chickpea (Garbanzo Bean), Guar, Lablab Bean	1 Day (Succulent) 21 Days (Dried)
Fruiting Vegetables: Eggplant, Groundcherry ( <i>Physalis spp.</i> ), Okra, Pepino (Melon pear), Pepper (includes bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, Tomato	1 Day
Leafy Vegetables: Amaranth (leafy amaranth, Chinese spinach, tampala); Arugula (Roquette), Cardoon, Celery, Chinese Celery, Celtuce, Chervil, Chrysanthemum (edible-leaved and garland), Cilamfro (not for use on cilantro grown for seed or coriander), Corn Salad, Cress (Garden, Upland (yellow rocket, winter cress)), Dandellon, Dock (sorrel), Endive (escarole), Fennell/Florence (finochio), Garden Cress, Lettuce (head and leaft), Orach, Parsley, Purslane (garden), Purslane (winter), Radicchio (red chicory), Rhubarb, Spinach (including New Zealand and vine, Malabar spinach, Indian spinach), Swiss Chard	1 Day
Peanuts	7 Days
Root and Tuber Vegetables (except sugar beets): Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Garden Beet, Edible Burdook, Edible Canna, Carrot, Cassava (Bitter and Sweet), Celeriac (Celery Root), Chayote (Root), Tumip-Rooted Chervil, Chicory, Chufa, Dasheen (Taro), Ginger, Ginseng, Horseradish, Leren, Tumip-Rooted Parsley, Parsnip, Potato, Oriental Radish (Daikon), Radish, Rutabaga, Salsify (Oyster Plant), Black Salsify, Spanish Salsify, Skirret, Sweet Potato, Tanier (Cocoyam), Turmeric, Turnip, Yam' 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

# BERRIES, FRUITS, AND NUTS

Juse Sevine Insect Killer Ready to Spray as a spot treatment for pest infestations on the berries, fruits and nuts listed below. Applications to trees over 10 feet or trees with areas inaccessible to sprays are not recommended. Apply spray mixture to upper and lower leaves, around fruit clusters, and on branches and trunks up to the point of runoff. Reapply if insects return, but not more than once every seven days and according to pre-harvest interval.

BERRIES, FRUITS, AND NUTS	PHI
Berries Crop Group including: Blackberry, Loganberry, Red and Black Raspberry, Blueberry, Highbush and Lowbbish, Currant, Elderberry, Gooseberry, Huckleberry, cultivars and/or hybrids of these	1 Day
Grapes	1 Day
Pome Fruit Group including: Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, and Quince	14 Days
Stone Fruit Group including: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (including Chickasaw Plum, Darnson Plum, and Japanese Plum), Plumcot, Prune (fresh)	14 Days
Tree Nuts Group including: Almond, Beech nut, Brazil nut, Buttemut, Cashew, Chestnut, Chinquapin, Filber (hazelnut), Hickory nut, Macadamia nut, Pecan, Pistachio, Walnut (Black and English)	7 Days
Tropical Fruits including: Avocado, Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, Star Apple	1 Day

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

UNIVAMENTAL INCES, ORNODS, FLOWERS, AND GROUND COVERS

USE Sewin Pisect 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

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 2 to 3 feet where pests are active and may find entrance. The surface to be treated should be dry at the time of application.

### LAWNS

Uniformly apply the product per 2,000 sq ft area. For best results, apply after mowing (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

Caterpillars, Butterflies and Moths

Tent forming caterpillars, cocoon forming caterpillars, chrysalis forming caterpillars. Leaf feeding caterpillars, cocoon forming caterpillars, chrysalis forming caterpillars, legume feeding caterpillars, legume feeding caterpillars, vegetable and trees), azalea learminers, green cloverworm, fruit eating caterpillars, legume feeding caterpillars, vegetable feeding caterpillars, stem and trunk boring caterpillars, legume feeding caterpillars, caterpillars of the Yucca Moth family including Fairy moths and Yucca moths, Clothes moth family, bagworm moth family, Gelechiid moth family including Paterpillars, Emine Moth family including Alanthus Webworm moth; Clear Winged moth family including Manroot borer, Squash Vine bore, Dolfs Clearwing moth, California Sycamore borer; Tortricid Moth family millers including Fruit Tree Leafroller moth, Orange Tortrix, and Codling moth; Skippers including Least Skipper, Silver-spotted Skipper, and Long-tail Skipper, Swallowkalis including Green swallowtail, Eastern Tiger Swallowtail, Giant Swallowtail, Spicebush Swallowtail, Spicebush Swallowtail, Spicebush Swallowtail, Spicebush Swallowtail, Spicebush Swallowtail, and Phoebus; Whites, Sulphurs and Orange Tips family including Sara Orange Tip, Great Southern White, and European Cabbage Butterfly; Gossamer-Winged Butterflies Family including Tear Purple Hairstreak, Spring Azure, Early Hairstreak, Eastern Tailed blue, Harvester, Silvery Blue, Brown Effin, Marine Blue, Amencan Copper, and Gray Hairstreak; Metalmark family including Northem

# PESTS CONTROLLED - continued

### Caterpillars, Butterflies and Moths

Caterpillars, Butterflies and Moths

Metalmark; Snout Butterflies family including Common Snout Butterfly; Brush-Footed Butterfly family including Gulf Fritillary, White Peacock, Harris' Checkerspot, Painted Lady (Thistle butterfly), american Painted Lady (Painted Beauty), Baltimore, Zebra (Pollow-barred Heliconian), Viceroy, White Admiral (Banded Purple), Mourning Cloak, Milbert's Tortoise Shell, Pearl Crescent, Question Mark, Buckeye, Great Spangled Frilliary, and Red Admiral; Hackberry and Goatweed Butterfly family including Hackberry butterfly; Satyrs, Nymphs and Arctics family including Hackberry butterfly; Satyrs, Nymphs and Arctics family including Mod Nymph (American Grayling), White Wood Satyr, Eyed Brown (Grass Nymph), Pearly Eye, and Chryxus Arctic; Milkweed Butterfly family including Queen, and Monarch; Smoky Moth family including Grape Leaf Skeletonzer, Stug Caterpillar Moth family including Saddleash (Caterpillar Moth; Pyralid Moths family including Mediterranean Flour Moth Sod Webworm Moth Amily including Tip Tree Beauty, California Cankerworm Moth, and Large California Sparnworm Moth Tamily including Tip Tree Beauty, California Cankerworm Moth, and Large California Sparnworm Moth; Tent Caterpillar Moth family including Western Tent Caterpillar Moth (Spicebush Silkmoth), Regal Moth (Royal Walnut Moth), Rosy Maple Moth, Imperial Moth, Sheep Moth, Ceropia Moth, and Cynthia Moth; Spinix moth family including Virginia-creeper Spinix, Pendora Spinix, Hummingpird Moth (Common Clearwing), White-Inned Spinix, Tomato Hornworm Moth, 10 Accorda Moth, 10 Accorda Moth, 10 Accorda Moth, Milkweed Tiger Moth, and Rattebox Moth; Cenuchid Moth family including Individ-cherry Spinix; Prominents family including Ormale Tiger Moth, Yellow Woolly Bear Alort, Acraea Moth, Milkweed Tiger Moth, and Rattebox Moth; Cenuchid Moth family including Ormale Tiger Moth, 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 (Crolon Bug)

### Termites

Rotting-wood termite family including Pacific Coast Termites. Subterranean termites family including subterranean termites. Not intended to replace structural treatments. For termites – not recommended as sole protection against termites. Such applications are not a substitute for mechanical alterations, sol or foundation treatment but merely as a supplement. For active infestations, get a professional inspection.

Earwigs

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

# Grasshoppers & Crickets

Grasshopper & 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 (Gray Dragon), Three-handed Grasshopper, Carolina Locust, Dragon Lubber Grasshopper, Grasshopper, Ped-legged Locust, Spur-throated Grasshopper, Pallegged Locust, Spur-throated Grasshopper, Two-stripped Grasshopper, Panther-spotted grasshopper, Green Valley Grasshopper, Toothipick Grasshopper, American Bird Grasshopper, Green Valley Grasshopper, Toothipick Grasshopper, Horse Lubber Grasshopper, Pallid-winged Grasshopper, and Grasshopper, Green Valley Grasshopper, Horse Lubber Grasshopper, Pallid-winged Grasshopper, Horse Lubber Grasshopper, Horse Lubber Grasshopper, Horse Lubber Grasshopper, Pallid-winged Grasshopper, Horse Lubber Grasshopper, Hor

# **PESTS CONTROLLED - continued**

# True Bugs

True Bugs

Plant Bug family including Adelphocoris Plant Bugs, Scarlet Plant bugs, Tamished Plant Bugs, and Four-lined Plant Bugs, Assassin bug family including Bee Assassins, Wheel Bug; Ambush Bug; Lace Bug family including Dat Lace Bug; Seed Bug family including Jagged Ambush Bug; Lace Bug family including Qat Lace Bug; Seed Bug and Squash Bug; Long-necked Seed Bug, and Large Milkweed Bug; Stille Ug family including Stille Bugs; Leaf-footed Bug family including Plorida Leaf-footed Bug; and Squash Bug; Scentless Plant Bug family including Eastern Boxelder Bug and Western Boxelder Bug; Stiln kBug family including Green Stink Bug; Brown Marmorated Stink Bug Brochymenas, Two-spotted Stink Bug (Conspicuous Stink Bug), Hariequin Cabbage Bug (Calico Bug, Fire Bug), and Spined Soldier 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-green Leafhopper, Sharpshooter

### Thrips

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

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

Beetles

Tiger Beetle Family including Beautiful Tiger Beetle, Darby Tiger Beetle, Six-Spotted Green Tiger Beetle, and Dejean's Flightless Tiger Beetle; Ground Beetle family including Bombardier Beetle, Fiery Searcher (Caterpillar hunler), Leuropean Ground Beetle, Green Pubescent Ground Beetle, Fiery Searcher (Caterpillar hunler), Leuropean Ground Beetle, Green Pubescent Ground Beetle, Fiery Searcher (Caterpillar hunler), Leuropean Ground Beetle, Green Pubescent Ground Beetle, Fiery Searcher (Caterpillar hunler), Leuropean Ground Beetle, Green Pubescent Ground Beetle, Green Ground Beetle, Search Search Ground Beetle, and Marbled Diving Beetle Hamily including Small Flat Diving Beetle family including Large Whitigig Beetle, and Small Whirigig Beetle, American Beetle family including Hister beetles; Rowe Beetle family including Gold- and-brown Rowe Beetle American Beetle Gold-necked Carrion Beetle family including Beatle, Green Stage Beetle, Tomentose Burying Beetle (Gold-necked Carrion Beetle), American Carrion Beetle, and Northern Carrion Beetle; Stag Beetle, Amage Beetle, Green Stage Beetle, Stage Beetle, American Garrion Beetle, and Rugose Stag Beetle, Bessbugs family including Patent-leather Beetle (Horned Passalus), Scarlab Beetle Beetle Bessbugs family including Patent-leather Beetle (Horned Passalus), Scarlab Beetle family including European Chaters, Leaf Gedults), Hower Chafers, Leaf Chalers, Rose Chaters, Turbibugg, Goldsmill Beetle, Green Jumping Beetle, Brown Fruit Chafer, Glossy Pillbug, Grapevine Beetle, May Beetles, Ulure Beetles), Ten-lined June Beetles, Brown Fruit Chafer, Glossy Pillbug, Grapevine Beetle, May Beetles, Ulure Beetles), Ten-lined June Beetles, Brown Fruit Chafer, Glossy Pillbug, Grapevine Beetle, May Beetles, June Beetles, Ten-lined June Beetles, Brown Fruit Chafer, Glossy Pillbug, Bertle, Wood Borr (Fellheaded Cherry Tree Borer); Click Beetle family including Easther Eved Click Beetle (Big-eyed Click Beetle), Beetles

# PESTS CONTROLLED - continued

### Beetles - continued

Timberworm Beetle (Primitive Weevil), Snout Beetles and Weevil family including Boll Weevil, Black Oak Acorn Weevil, Lesser Cloverleaf Weevil, Alfalfa Weevil, Pine Weevils, Rose Weevils, Agrave Billbug, and Stored-grain Billing (Granary Weevil, Elephant Buoy, 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 family including Rusty Willow Sawfily, Common Sawfly family including Northeastern sawfly. Horntali family including Pigeon Forntali, and Smokey Horntalis; Stern Sawfiles family including Raspherry Horntali; Braconids family including Braconid Wasps; Ichneumons family including Garint Ichneumons, Short-tailed Ichneumons and Red-tailed Ichneumons, Torymid Wasp family including California Torymus; Chalcid family including Golden-yellow Chalcid; Gall Wasp family including California Oak Gall Wasps and Live Oak Gall Wasp Family including American Pelicini; Tiphid Wasp family including Five-banded Tiphid Wasp; Velvet-Ants including American Pelicini; Tiphid Wasp family including Scine-banded Tiphid Wasp family including Scine-bunter Wasp, and Diager Wasp; Ant family including Scine-waisted ants, Leafcutter ants, Texas Carpenter ants, Black Carpenter ants, Torater-nest ants, Crazy Ants, Tawny Crazy Ants, Texas Shet-builder ant IAcrobat Ant, Red Ant, Leginary Ant, Little Black Ant, And Lands Honey Ant, Big-headed Ant, Honey Ant, and Fire Ant; Vespid Wasp family including Potter Wasp, Paper Wasps, Yellow Jackets, and Sandhills Hornet; Spider Wasps, including Blue-black Spider Wasps, and Taramtula Hawk, Sphecid Wasp family including Thread-waisted Wasps, Eastern Sand Wasp, Steel-blue Cricket Hunter, Purplish-blue Cricket Hunter, Florida Hunting Wasp, Black and Yellow Muld Dauber, Cicada Killer, and Great Golden Digger Wasp, Bee families including Plasterer Bee, Yellow-faced Bees, Virescent Green Metallic Bees, Augochlora Green Metalli

Files

Crane fly family including Wood-boring Tupulid, Giant Western Crane Fly, and Crane Flies: Phantom Crane Flies including Phantom Crane Flies including Phantom Crane Fly. Net-winged Midges including Comstock's Net-winged Midge, Phantom Midges; Black Flies including Black flies; March Flies family including March Flies; Flower Flies; Flower Flies; Flower Fly family including Gold-backed Snipe Fly; Silletto Fly family including Mydas fly; Robber Fly family including Bearded Robber Fly. Sacken's Bee Hunter, Giant Robber Fly, Bobber Fly family including Bearded Robber Fly. Sacken's Bee Hunter, Giant Robber Fly, Bobber Fly family including Bearded Robber Fly. Sacken's Bee Hunter, Giant Robber Fly, Sacken's Bee Hunter, Giant Robber Fly, Bobber Flies: Dance Flies; Bee Flies including Condylostylid Gong-legged Flies including Dance Flies; Long-Legged Flies including Condylostylid Gong-legged Flies and Tevan Long-legged Fly, Hover Fly family incuding Wooltly Bear Hover Flies, Elongale Aphid Flies. Drone Flies, Bulb Flies. American Hover Flies, and Toxomerus Hover Fly. Thick Headed Fly family including Thick headed fly; Pyrgotid Fly family incuding Pyrgotid Flies; Fruit Fly family including Walnut Husk Fly, and Apple Maggot Fly, Seaweed Fly family including Fly; Mover Flies, Fly family including Walnut Husk Fly. Anthomyid Fly family including Pyrgotid Flies; Fruit Fly family including Mover Fly. Anthomyid Fly family including Pyrgotid Flies; Tachind Fly, Sorew-worm Fly, and Grene Bottle Fly; Flower Fly, Sorew-worm Fly, and Grene Bottle Fly; Flower Fly, Flower Fly, Sorew-worm Fly, and Frene Bottle Fly; Flower Fly; Flower Fly, Sorew-worm Fly, and Frene Bottle Fly; Flower Fly; Flower Fly; Sorew-worm Fly, and Frene Bottle Fly; Flower Fly; Flower Fly; Sorew-worm Fly, and Frene Bottle Fly; Flower Fly; Flower Fly; Sorew-worm Fly, and Frene Bottle Fly; Flower Fly; Flower Fly; Sorew-worm Fly, and Frene Bottle Fly; Flower Fly; Flower Fly; Sorew-worm Fly; and Frene Bottle Fly; Flower Fly; Flower Fly; Sorew-worm Fly; and Frene

Spiders

Folding trapdoor spider family including Turret spider, Tarantula family including Desert Tarantula; Trapdoor Spider family including California Trapdoor spider, Dictynid spider Spiding spider family including Desert Loxosceles, and Violin Spider, Comb-footed Spider Spider; Violin Spider family including Desert Loxosceles, and Violin Spider; Comb-footed Spider family including American House Spider, and Back Widow Spider, Sheet-web Weaver family including American House Spider, Grabet Widow Spider, Sheet-web Weaver family including Hammook Spider; Orb Weaver family including Orb weavers, barn spider, Garden spider (cross spider), Marbled orb Weaver family including Famorock Spider; Spider (cross spider), Marbled orb Weaver, Brown Spider, Arrow-shaped Micrathena, and Golden-silk spider (calico spider), Large-jawed Orb Weaver family including Mabel Orchard Spider, Venusta Orchard Spider, Elongale Long-jawed Orb Weaver, and Long-jawed Orb Weaver, Funnel Web Weaver family including Grass Spiders; Nursery Web Spider family including Brownish-grey, Fishing Spider, and Nursery Web Spider Mol Spider family including Burrowing Wolf Spiders, Carolina Wolf spider, Forest Wolf spider, rabid wolf spider, and Thin-legged Wolf spider,

# **PESTS CONTROLLED - continued**

# Spiders - continued

Lynx Spider family including Jumping Lynx spider, and green lynx spider, Sac Spider family including Ant-mimic spiders; Wandering spider family including Wandering spiders, Giant Crab spider family including Huntsman spider, and Golden Huntsman spider, Selenopid Crab Spider family including Selenopid Crab Spider, Crab Spider family including Selenopid Crab Spider, Philodomid Family including Selenopid Crab Spider, Crab Spider, Philodomid family including Inconspicuous Crab Spider, Sumping Spiders including Green Lyssomanes, Dimorphic Jumping Spider, Metaphid Jumping Spider, Ant-mimic Jumping spider, and Daring Jumping spider spider. Daddy-long-legs family including Eastern Daddy-long-legs and Brown Daddy-long-legs

### Ticks

Blacklegged tick, Brown dog tick, Deer tick

# Psyllid, Whiteflies, Aphids, Mealybugs, Scale Insects

Psyllid family including American Alder Psyllidic, Whitefly family including Greenhouse Whitefly; Aphid family including Green Apple Aphid, Rosy Apple Aphid, Rose, Pea and Potato Aphid, Rood, Aphid, Cood, winged Cottonvod Aphid, and Giant Willow Aphid; Woolly and Gall-Making Aphid family including Woolly Apple Aphid; Giant Scale Insects family including Cottony Cushion Scale; Amorded Scale Insects family including Osyter Shell Scale, Mealybug family including Long-tailed mealybug; Cochineal Bug family including Oschineal Bug

### Millipedes

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

Plants	Pests	Use Before Harvest
VEGETABLES		
Leafy Vegetables  • Amaranth (leafy amaranth, Chinese - Horan Lettuce; spinach, tampala); • Cardoon; • Cilantro Garden Purslane; • Corn Salad; • Garden Cress; • Dandelion; • Dock; • Endive; • Swiss Chard	Corn Earworm, Cucumber Beetles, Cutworms, 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 before harvesting
Fruiting Vegetables including:  • Eggplant; • Groundcherry (Physais spp.); • Pepino (Melon pear); • Pepper (includes bell pepper, chili pepper, cooking pepper, pooking pepper, pimento, sweet pepper); • Tomatillo; • Tomato	Armyworm, Southern Armyworm, True Armyworm, Yellow-striped Celery Leaf Tier, Colorado Potato Beetle, Corn Borer, European, Corn Borer, Southwestern Corn Earworm, Cucumber Beetle, Carden Webworm, Green Stink Bug, Hornworms, Leafminers (adults), Leafhoppers, Meadow Spittlebug, Pepper Magoqi (adults), Pepper Weevil, Plant Bugs, Tobacco Budworm, Tomato Pruitworm, Tomato Piniworm, Tomato Piniworm, Tomato Piniworm, Tomato Piniworm, Seet Armyworm, Beet Armyworm, Fall Cabbage Looper, Grasshoppers, Lygus Bugs, Brown Stink Bug, Tomato Psyllid, Thrips, Whiteflies	Spray up to 1 day before harvesting

Plants	Pests	Use Before Harvest
VEGETABLES - continued Brassica Vegetables including: - Chinese Proccoli (gal lon, white flowering - broccoli); - Brussels Sprouts - Cauliflower; - Cauliflower; - Cadalo Broccolo; - Collerds; - Chinese Cabbage - Chinese Cabbage - Chinese Cabbage - Chinese Cabbage - Collards; - Mustard Greens; - Mustard Greens; - Mustard Spinach; - Rape Greens	Corn Earworm, Cucumber Beetles, Cutworm, Diamondback Moth, Flea Beetles, Imported Cabbageworm, Learnoppers, Saltmarsh Caterpillar, Southern Cabbageworm, Tobacco Budworm, Alfalfa Looper, Armyworms, Cabbage Looper, Armyworms, Cabbage Webworm, Ground Beetles, Leafminers (adults), Lygus Bugs, Onion Thrips, Stinkbugs, Wireworm (adults), Aphids, and Whiteflies	Spray up to 1 day before harvesting
Root & Tuber Vegetables  Arracacha: Parsnip; Arrowroot: Potato; Artichoke; Oriental Radish Garden Beet: Daikon; Edible Burdock; Rutabaga Edible Canna; Salsify (Oyster Plant); Turnip-rooted Black Salsify; Chervil; Spanish Salsify; Chicory; Skirret; Sapanish Salsify; Chicory; Skirret; Sapanish Salsify; Chicory; Skirret; Sapanish Cocyam); Ginger; Turmeric; Ginseng; Turmip; Ginseng; Turmip; Horseradish; Yam Bean; Leren; Yam (True)	Cutworms, Cabbage Looper, Cucumber Beetle, European Corn Borer, Flea beetles, Leafhoppers, Southern Corn Rootworm (adult), Vegetable Weevil, Whitefinged Beetle (adult), Armyworm, Beet Armyworm, Yellowstriped Cabbage Maggot, Colorado Potato Beetle, Grasshoppers, Imported Cabbagewim, Potato Leafhopper, Potato Psyllid, Potato Tuberworm, Tamished Plant Bug	Spray up to 1 day before harvesting
Cucurbit Vegetables Group including but not limited to:	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

Plants	Pests	Use Before Harvest
Great-Headed (elephant); • Onion, Welch; • Green Eschalots; • Shallots, Dry	Armyworms, Cutworms, Leafminers (adults), Onion Maggot Adults, Stink Bugs, Aphids, Onion Thrips	Spray up to 7 days before harvesting
Japanese     Bulb and Green;     Spring Onion or     Onions;     Leeks;     Sunflower  Bulb and Green;     Spring Onion or     Scallions	Cutworm spp., White Grub, Wireworm	Spray up to 30 days
Sweet Corn	Chinch Bug, Corn Rootworm (Adult), Corn Silldiy, Cutworms, Flea Beetle, Leafhoppers, Japanese Beetle (Adult), Sap Beetle (adults), Tarnished Plant Bug, Armyworms, Corn Borers, Corn Earworm, Grasshoppers, Aphids	before harvesting Spray up to 3 days before harvesting
Legume Vegetables - Succulent and Dried Succulent Edible-Podded Peas, Succulent Sellel Peas and Dried Shelled Peas and Edible-Podded Peas, Sucgra Snap Pea; - Lentil Pigeon pea; - Sugar Snap Pea; - Lentil Pigeon pea; - Succulent Edible-Podded Beans, Succulent Shelled Beans, and Dried Shelled Beans including: - Runner Bean; - White Sweet Snap Bean; - Lupin; - Field Bean; - Suppose Shelled Beans, Shelled Beans, Shelled Beans, - Shelled Bean; - Kaparagus Bean; - Kidney Bean; - Vax Bean; - Field Bean; - Vax Bean; - Field Bean; - Vax Bean; - Vardiong Bean; - Vardiong Bean; - Vardiong Bean; - Vardiong Bean; - Vax Bean; - Vardiong Bean; - Cowpea; - Co		Spray up to 1 day before harvesting on succulent shelled or edible-pod-ded peas or beans, and up to 21 days before harvesting for dried shelled peas or beans

Sweet Lupin;
 White Lupin;
 Lablab Bean

NUTS oup including:	Leafrollers, Orange Tortrix, Root Weevils	Use Before Harvest Spray up to 1 day before harvesting
•		
Plum (including Chickasaw Plum, Damson Plum, and Japanese Plum); Plumcot; Prune	American Plum Borer, Black Cherry Aphid, Cherry Fruit Fly, Green Fruitworm. Leaffollers, Leaffolgers, Leaffolgers, Lesser Peach Tree Borer, Peach Tree Borer, Peach Twe Borer, Plum Curculio, Oriental Fruit Moth, Rose Chafer, Shink Bugs, Tarnished Plant Bug, Tuffed Apple Budmoth, Western Cherry Fruit Fly	Spray up to 14 days before harvesting
s	Apple Maggot, Codling Moth, European Apple Sawfly, Green Fruitworm, Japanese Beetle, Lesser Appleworm, Oblique Banded Leafroller, Oriental Fruit Moth, Pandemis Leafroller, Pear Psylla, Plum Curculio, Potato Leafhopper, Redbanded Leafroller, Rosy Apple Aphid, Spirea Aphid, Spotted Tentiform Leafminer, Stink Bugs. Tarnished Plant Bug, Tufted Apple Bud Moth, Variegated Leafroller, White Apple Leafhopper	Spray up to 14 days before harvesting
	Eastern Grape Leafhopper, Variegated Leafhopper, Western Grape Leafhopper	Spray up to 1 day before harvesting
	Cutworm spp., Green Cloverworm, Velvetbean Caterpillar, Red-necked Peanut Worm, Bean Leaf Beetle, Leafhopper spp., Southern Corn Rootworm (adult), Vegetable Weevil, Whitefringed Beetle (adult), Aphid spp., Armyworm, Beet, Fall Armyworm, Corn Earworm, Grasshopper spp., Lesser Comstalk Borer, Soybean Looper, Stink Bug spp., Tobacco Thrips	Spray up to 7 days before harvesting
Filbert (hazelnut);     Hickory nut;     Macadamia nut;     Pecan;     Walnut (Black and English)	Black Pecan Aphid, Codling Moth, Filbert Worm, Hickory Shuckworm, Leaffooled Bugs, Navel Orangeworm, Oblique-banded Leaffoller, Peach Twig Borer, Pecan Leaf Casebearer, Pecan Nut Casebearer, Pecan Phyllowera, Pecan Weevil, Plant Bugs, Stink Bugs, Walnut Aphid, Walnut 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.
Mango     Papaya     Sapodilla     Star Apple	Avocado Lace Bug, Avocado Leafnopper, Avocado Leafroller. Avocado Loopers, Avocado Tree Girdler, Avocado Whitefly, Brown Soft Scale, Caterpillars, Mirids, Omnivorous Loopers, Orange Tortrix, Scale Crawlers, Spanworm, Thrips, Twig Borers	Spray up to 1 day before harvesting
	Plum, and Japanese Plum); Plumcot; Prune Filibert (hazelnut); Hickory nut; Hickory nut; Wacadamia nut; Pecan; Wand English)  • Mango • Papaya	Plum, and Japanses Plum) Plumcot; Prune Plumcot; Prune Sose Chafler, Stink Bugs, Tarnished Plant Bug, Tufted Apple Budmoth, Western Cherry Frut Fly Sos Chafler, Stink Bugs, Tarnished Plant Bug, Tufted Apple Budmoth, Western Cherry Frut Fly Sos Plant Standard Standard Standard Standard Leafnoler, Oriental Fruit Moth, Pandemis Leafnoler, Oriental Fruit Moth, Pandemis Leafnoler, Paer Psylla, Plum Curculo, Potato Leafnoper, Redbanded Leafnoler, Oriental Fruit Moth, Pandemis Leafnoler, Paer Psylla, Plum Curculo, Potato Leafnoper, Redbanded Leafnoler, White Apple Leafnopper Redbanded Leafnoler, White Apple Leafnopper Redbanded Leafnoler, White Apple Leafnopper, Redbanded Leafnoler, White Apple Leafnopper, Redbanded Leafnoler, White Apple Leafnopper, Redbanded Leafnoler, White Apple Leafnopper Redbanded Leafnoler, White Apple Leafnopper Redbanded Leafnoler, White Apple Leafnopper Redbanded Leafnopper, Western Grape Leafnopper Sup, Sudhem Com Rootworm (adult), Vergetable Weevil, Whitefinged Beelle (adult), Aphid Spp, Armyworm, Beet, Fall Armyworm, Com Eanworm, Grasshopper spp, Lesser Comstalk Borer, Soybean Looper, Stink Bugs, Navel Orangeworm, Oblique-banded Leafnoller, Peach Twig Bigs, Navel Orangeworm, Oblique-banded Leafnoller, Peach Twig Bigs, Navel Orangeworm, Oblique-banded Leafnoller, Peach Twig Bigs, Navel Orangeworm, Verlant Bugs, Stink Bugs, Walnut Aphid, Walnut Husk Fly, Yellow Pecan Aphid, Calling Moth, Filbert Avocado Laefnopper, Avocado Laefnopper, Avocado Leafnoller, Avocado Loopers, Avocado Leafnoller, Avocado Loopers, Avocado Leafnoller, Peach Twigs, Star Apple