



# GARDEN TECH. SEVIN Insect Killer Concentrate

# **FIRST AID**

lf swallowed	<ul> <li>Call poison control center or doctor immediately for treatment advice.</li> <li>Have person sip a glass of water if able to swallow.</li> <li>Do not induce vomiting unless told to do so by the poison control center or doctor.</li> <li>Do not give anything by mouth to an unconscious person.</li> </ul>
If in eyes	<ul> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
	E NUMBER
control cen	roduct container or label with you when calling a poison ter or doctor, or going for treatment. You may also contact 9347 for Emergency Assistance.
	O PHYSICIAN
numbness,	t (vapor or powder) may be followed by transient tingling or usually of the face, but this subsides without treatment. This a pyrethroid. If large amounts have been ingested, the d intestines should be evacuated. Treatment is symptomatic

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

# PRECAUTIONARY STATEMENTS ENVIRONMENTAL HAZARDS

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 sprarying to avoid fish and replile pets in/around 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

Building and the properties of the provided and the provi Never place unused product down any indoor or outdoor drain.

# **Quick Facts**



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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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.

or going for treatment. Tou may also contact 1-00-4.0-344 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 softmach and intestines should be evacuated. Treatment is symptomatic and supportive.

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# **DIRECTIONS FOR USE**

e this product in a manner inconsistent with its labeling.

# USE RESTRICTIONS

Do not treat pets with this product. 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. Remove pets, brits, and cover this napariums before spraying. Avoid contamination of food and feedstuffs. Remove or cover exposed food and direction water before achieved in the spray of the spra

drinking water before application. Do not use in food handling establishments in which food is held, processed,

repared, and/or served.

Do not apply directly to animals. Do not use in aircraft.

FOR OUTDOOR USES

FOR OUTDOOR USES An utdoor applications must be limited to spot or crack-and-crevice treatments only, except for the following permitted uses: (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, fur, and other vegetation; (3) Applications to building foundations, up to a maximum height of 3 feet.

- (b) opposition 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.

and crack-and-creve 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 severs or drains, or to any area like a gutter where drainage to severes, 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 dissoloration. 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, on ont 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

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: Nonrefilable 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. 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 (aw, User agrees to hold TechPac LLC and Seller harmless for any claims relating to such factors.

# SPECIFIC USE DIRECTIONS

Sevin<sup>®</sup> Insect Killer Concentrate applied at 4 fl. oz. per gallon of water delivers a spray solution contraining 0.011% zeta-cypermethrm. For all applications, this product provides control of each pest as listed in the Pest Table (see page 4).

	<ul> <li>Shake well before use.</li> <li>Remove measuring cap and fill cap according to chart below.</li> <li>Pour into sprayer and add corresponding amount of water.</li> </ul>					
MEASURING INSTRUCTIONS						
N C	Fl. Oz. of Sevin <sup>®</sup> Insect Killer Concentrate	Amount of Water				
	1	1 Quart (32 oz)				
TRA	2	1/2 Gallon (64 oz)				
N N N	4	1 Gallon (128 oz)				
-	6	11/2 Gallons (192 oz)				
	8	2 Gallons (256 oz)				
PUMP-STYLE TANK SPRAYERS	Close sprayer tightly and pressurize with hand pump. For spot applications, use a coarse spray nozzle. For larger area applications, use a fan spray nozzle. Hor larger area Hold tip of wand 12 inches from target area while spraying.					
DIAL-STYLE HOSE-END SPRAYERS	Fill sprayer jar with enough product for the area to be treated. DO NOT ADD WATER. Close sprayer, set dial, hook to garden hose and apply. Pour any unused product back into the product's original container.					
APPLICATION INSTRUCTIONS	<ul> <li>Pour any unused product back lint the product's original container</li> <li>Apply where insects are expected to appear or when insects or dimage 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 wort backward to avoid contact with wet treated surfaces.</li> <li>Spray thoroughly to wet plant surface. Do not apply to point of ruentir.</li> <li>Sprays must be dry in treated areas before people or pets re-entire.</li> <li>Do not apply to trees taller than 10 feet. Consider hiring a licensec professional.</li> <li>Do not apply during rain.</li> <li>Applications to impervious surfaces are limited to spot and crack and crevice treatments only.</li> </ul>					

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 tollowed accordingly.

Pre-Harvest Intervals are followed accordingly.				
VEGETABLES	PHI (Days)			
Brassica Vegetables: Broccoli, Chinese Broccoli (gai lon, white floweing broccoli), Brussels Sprouts, Cauliflower, Cavalo Broccolo, Kohrlabi, Cabbage, Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Broccoli Raab (rabni), Chinese Cabbage (bok choy), Collards, Kale, Mizuna, Mustard Greens, Mustard Spinach, Rage Greens, Turnip Greens	1 Day			
Sweet Corn	3 Days			
Cucurbit Vegetables: Chayote (fruit), Chinese Waxgourd (Chinese Preserving Melon), Citron Melon, Cucumber, Gherkin, Gourd (edible) (including hyotan, cucuza, hechima, Chinese orkra), Mormordica spi. (includes balsam apple, balsam pear, bitter melon, Chinese cucurable), Muskmelon (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, straightheck squash, vegatable marrow, zucchimi), Winter Squash (includes butternut squash, calabaza, hubbard squash, acom 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), Swortbean, Lima Bean, Broad Bean (Fava Bean), Black-eved Pea, Southern Pea, Grain Lupin, Sweet Lupin, White Lupin, Kirdle Bean, Kirday Bean, Nav Bean, Pinto Bean, Teopary Bean, Adzuki Bean, Catjang, Cowpeá, Crowder Pea, Moth Bean, Mung Bean, Ricd 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), Angula (Roquette), Cardoon, Celery, Chinese Celery, Cettuce, Chevil, Chrysanthemum (edible-leaved and garland), Cilantro (not for use on cilantro grown for seed or coniander), Com Salad. Cress (Garden. Upland (vellow rocket, winter cress)), Dandelion, Dock (sorrel), Endive (escanole), Fennel/Florence (inoncho), Carroth Cress, Lettuce (head and leaf), Orach, Parsley, Purslane (garden), Purslane (winter), Radiochio (red chicory), Rhubarb, Spinach, (including New Zealand and vine, Malabar spinach, Indian spinach), Swiss Chard	1 Day			
Root and Tuber Vegetables (except sugar beets): Arracacha, Arrowroct, Artichoke (Chinese and Jerusalem), Garden Beet, Edible Burdock, Edible Cama, Carrot, Cassava (Bitter and Sweet), Celeriac (Celery Root), Chayote (Root), Turnip-Rooted Chervil, Chicory, Chufa, Dasheen (Tano), Ginger, Ginseng, Horseradish, Leren, Turnip-Rooted Parsley, Parsing, Potato, Ornehl Radsin (Daikon), Radish, Rutabaga, Salsify (Oyster Plant), Black Salsify, Spanish Salsify, Skirret, Sweet Potato, Tanier (Cocoyam), Turmeric, Turnip, Yam Bean, Yam (Tue)	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			

VEGETABLES	PHI (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 Sevir<sup>®</sup> Insect Killer Concentrate 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 to wet thoroughly. Do not apply to the point of nuroff. Respony no more than once every seven days if insects return and provided the Pre-Harvest Intervals are followed accordingly.

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	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 Use Sevin<sup>®</sup> Insect Killer Concentrate as a spot treatment for pest infestations on ormamental 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 anits, apply to any traits, as a spot crack or crevice treatment around doors and wither places where anits 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

LAWNS Uniformly apply 4 ft. oz. Sevin<sup>®</sup> Insect Killer Concentrate per gallon of water per 250 sq ft area. For best results, apply after mowing (Jawn should not be longer it an 3 inches at the time of application). Repeat applications are necessary only if there are signs of renewed insect activity.

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PESTS CONTROLLED Caterpillars, Butterflies and Moths	PESTS CONTROLLED - continued Termites - continued	
Tent forming caterpillars, coccon forming caterpillars, chrysalis forming caterpillars. Leaf feeding caterpillars (including leaves of flowering plants, bushes and other ornamentals, vegetables and trees), azalea leafminers, green cloverworm, fruit eating caterpillars, legume feeding caterpillars, vegetable feeding caterpillars, stem and funk horing caterpillars, and leaffoiling caterpillars. Caterpillars of the	Loonton L its not a substitute for mechanical alteration, soil and foundation treatment, but merely a supplement. For active, structural infestations by subterranean termites, this product can 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 intestation.	
Yucca Moth family including Fairy moths and Yucca moths; Clothes moth family;	Earwigs	
bagworm moth family, Gelechid moth family including Potato tuber moths; Ermine Moth family including Ailanthus Webworm moth; Clear Winged moth family including Manroot borer, Squash Vine borer, Dol's Clearwing moth,	Long-Homed Earwig family including Ring-legged Earwig, and Riparian Earwig Common Earwig family including European Earwig	
California Sycamore borer; Tortricid Moth family (millers) including Fruit Tree	Grasshoppers & Crickets	
Learbolter moth. Orange Tortix, and Coding moth: Skippers including Least Skipper, Silver-Spotled Skipper, and Long-Hal Skipper, Swallovitali including Green swallowitali, Zehra Swallowtali, Grant Swallovitali (Orange Tai) Orange Ppy), Pale Swallovitali, and Phoebuis, Whites, Sulphurs and Orange Tips family including Sara Orange Tip, Great Southern White, and European Cabbage Sulterfly, Gossamer-Winged Butterflies Family notuding Great Purple Harstreak, Spring Azure, Early Harstreak, Eastern Taled blue, Harvester, Silvery Blue, Brown Elfin, Manne Blue, American Copper, and Gray Harstreak, Kelatimark family including Northern Melatimark. Snout Butterflies Family including Great Purple Harstreak, Spring Azure, Early Harstreak, Eastern Taled blue, Harvester, Silvery Blue, Brown Elfin, Manne Blue, American Copper, and Gray Harstreak, Kelatimark family including Northern Melatimark. Snout Butterflies family including Curr Hay (Painted Bauth), Baltimorz, Zehra Yellow-Ameri Heinonian, Viceroy, White Admiral (Banded Purple), Mourning Claek, Mibert's Tortoise Shell, Pearl Crescert, Lueston Mark, Buckeve, Great Spangled Frilialar, and Red Admirai, Hackberry and Goatweed Butterfly family including Hackberry butterfly. Satys. Nymphs and Arctics family including Wood Nympl. (American Family), Minte Mediferanaen Flourk Moth Grape Leaf Skeldowiczer, Slug Calergiller Moth family including Artichoke Plume Moth, Haraid Moth, Meal Moth, Plume Moth family including Lange Leaf Skeldowiczer, Slug Calergiller Moth family including Artichoke Plume Moth, Mean and Large California Spanworn Moth, Tenr Caterpillar Moth family including Western Tiet Caterpiller Moth, Gain Slikoworn Moth, Sindowi Jaegal Moth (Royd Wainut Moth), Royd Moth Tamily including Vision Largeal Moth, Royd Wainut Moth, Moth, Pomether Aldh, Sindowi Jaegal Moth (Royd Wainut Moth), Royd Moth Tamily including Vision Silvino, White Handowarn Moth, Jandora Sphinx, Hummingbird Moth (Common Clearwing), White-Ined Sphinx, Tomab	Pygny Grasshopper family including Atzle Pygny Grasshopper, Short-Horned Grasshopper, Idney Gravita Crosote Bush Grasshopper, Libber Grasshopper, Uber Grasshopper, Differential Grasshopper, Panher-Spotlad grasshopper, Southeastern Lubber Grasshopper, Uber Grasshopper, Panher-spotlad grasshopper, Southeastern Lubber Grasshopper, Mither Grasshopper, Panher-spotlad grasshopper, Southeastern Lubber Grasshopper, Palitance Bird Grasshopper, American bhird Grasshopper, Mither Grasshopper, Panher-spotlad grasshopper, Horse Lubber Grasshopper, Palit- Grasshopper, and Great Created Grasshopper, Clinosau Crasshopper, Palit- Grasshopper, and Great Created Grasshopper, Clinosau Crasshopper, Palit- Mitduce Bird Grasshopper, Horse Lubber Grasshopper, Palit- Grasshopper, and Great Created Grasshopper, Ubroasu Crasshopper, Palit- Grasshopper, Souther Grasshopper, Horse Lubber Grasshopper, Palit- Markudi, Michael Grasshopper, Horse Lubber Grasshopper, Palit- Grasshopper, Grading Katydid, Keeled Grasshopper, Clinosau Crasshopper, Palit- Gradshopper, South Gradshopper, Horse Lubber Grasshopper, Palit- Mittydi, Michael Gradshopper, Barbard Crasshopper, Palitonia Katydid, Angular-winget Katydid, Keeled Shield-back Katydid, Gradshopper, Southed Carnel Cricket, Sourd Cove Cricket, Jerusalem Cricket, The Crickets family including House Cricket (Cricket on the Hearth), Field Cricket Samily including Northern Mole Cricket and European Mole Cricket <b>True Bugs</b> Plant Bug family including Adapthocoris Plant Bugs, Scarlet Plant bugs, Tarrishee Plant Bugs, and Fou-lined Plant Bug. Scarlet Mant bugs, Lace Bug family including Galace Bug. Seed Bug family including Bug family including Worthern Mole Cricket Bug family including Grads Sink Bug family moluding Gradshopooris Plant Bug. Scarlet Plant bugs, Sug family moluding Galace Bug. Stell Bug family including Grad Sink Bug. Lace Bug family including Galace Bug. Stell Bug family including Gradshoper Bug. And Sing Bug. Family and Westem Boxedier Bug. Sink Bug family including Gradshoper Bug	
and Wild-cherry Sphinx; Prominents family including Tentacled Prominenets	Cicadas and Kin	
(Puss Moths), and Red-humped Appleworm Moth; Tiger Moth family including Omate Tiger Moth, Yellow Woolly Bear Moth, Acraea Moth, Milkweed Tiger Moth, Spotted Tiger Moth, Colona, Woolly Bear Caterpillar Moth (Banded Woolly Bear),	Cicada family including Periodical Cicadas, Dogday Harvestfly, and Grand Western Cicada	
Lichen Moth, and Rattlebox Moth; Ctenuchid Moth family including Virginia Ctenuchid moth; Tussok moth family including Gypsy Moth, White-marked	Treehoppers	
Ussok Moth; Owlet Moth family including Eight-softed Forester, Black Witch, Alfalfa Looper, Sweetheart Underwing, Locust Underwing, and Hebrew	Treehopper family, including Thorn-mimic Treehopper, Oak Treehopper, Buffale Treehopper, and Locust Treehopper	
Common Bristletails	Leafhoppers	
Silverfish Family including Silverfish, and Firebrat Springtails	Leafhopper family including Grape Leafhopper, Scarlet-and-green Leafhopper, Sharpshooter, Spotted Lanternfly	
Podurid Springtail family including Snow Pea, Seashore Springtail; Entomobryid	Thrips	
Springtail family including Ainsley's Springtail; Globular Springtail family	Banded Thrips family including Banded-wing Thrips; Common Thrips family	
Cockroaches	Beetles	
Blattid Cockroach Family including Oriental Cockroach (Asiatic Cockroach, Shad Cockroach), and American Cockroach (Waterbug); Blattellid Cockroaches family including German Cockroach (Croton Bug)	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),	
Termites	European Ground Beetle, Green Pubescent Ground Beetle, Common Black Ground Beetle, and Boat-backed Ground Beetle, Predacious Diving Beetle famil	
Rotting-wood termite family including Pacific Coast Termite; Subterranean termite family including subterranean termites. Not intended to replace structural treatments. For termitise - D on tuse this product as the sole source of control for active, structural infestations by subterranean termites; the purpose of this application is to kill workers or winged reproductive forms of termites which are present at the time of treatment. It is not intended to provide structural pest	Global Detter, and Deartacked Global Detergit Frederication Swing Generation including Small Fait Diving Beetle, Large Diving Beetle, and Marbied Diving Beet Whintigg Beetle family including Large Whintigg Beetle, and Small Whintigg Beetle Hister Beetle family including Hister beetles. Rove Beetle family including Globand-brown Rove Beetle and Pictured Rove Beetle family including Globand-brown Rove Beetle and Pictured Rove Beetle Carrion Beetle family including Margined Burying Beetle, Tomentose Burying Beetle (Gold-necked	

# PESTS CONTROLLED - continued

Beetles - continued Carrion Beetle), American Carrion Beetle, and Northern Carrion Beetle; Stag Beetle Beetles - Andreican Carrion Beetles and Northern Carrion Beetles - Stag Beetle, famity including Elephant Stag Beetle, Agassiz S Flat-horned Stag Beetle, Raddish-trown Stag Beetle, and Rugose Stag Beetle. Beetle Stag Beetle, Raddish-trown Stag Beetle, Agassiz S Flat-horned Stag Beetle, Raddish-trown Stag Beetle, Agassiz S Flat-horned Stag Beetle, Raddish-trown Stag Beetle, Rover Chaires - Fluit and Flower Chaires), Leaf Chaires, Rose Chaires, Tumbielug, Goldsmith Beetle, Green Juming Beetle, Brown Fluit Chaire, Clossy Pillbug, Grapevine Beetle, Mateli Wood-Kord Song Golds and Japanese Beetle, Mateli Wood-Kord Song Beetle, Brown Fluit Chaire, Clossy Pillbug, Grapevine Beetle, Mateli Wood-Kord Song Golds and Japanese Beetle, Mateli Wood-Kord Song Beetles, Interlined June Beetles, and Japanese Beetle, Mateli Wood-Kord Song Beetles, Tierfliss (Lichtning Bugs) Enniv Including Praifs Friefly, And Pernsyknane Friefly, Soldier Beetle family including Spider Beetles, and Faren And Pernsyknane Friefly, Soldier Beetle family including Spider Beetles, and Faren Sydaer Beetles, Branch and Twig Borar family including Spider Beetles, and Faren Sydaer Beetle, Branch and Twig Borar family including Spider Beetles, and Faren Sydaer Beetle, Branch and Twig Borar family including Spider Beetles, and Faren Sydaer Beetle, Branch and Twig Borar family including Spider Beetles, and Faren Sydaer Beetle, Branch and Twig Borar family including Spider Beetles, and Faren Sydaer Beetle, Branch and Twig Borar Gradybug Beetle, Spider Checkered Beetle, Elephant Beetle, Firefliss (Lichtring Bugs), Spider Beetles, Smith Checkered Beetle, and Roh-bue Checkered Beetle, Firefliss Beetle, Branch and Twig Beetle annily including Spider Beetles, Smith Checkered Beetle, and Ash Gray Ladybug Beetle, Duarking Beetle, Firefliss (Bark Beetle, Braad-necked Dealer), Staffer Checkered Beetle, Standy Twigaer Beetle, Ladybug Beetle, Standy Twigaer Beetle, Staffer Beetle, Brandy Handy, Bark Beetle, Firefliss, Staffer Beetle, Brandy Handy, Beetles, Staffer Beetle

# Bees, Ants, Wasps, Sawflies

Bees, Ants, Wasps, Sawfiles Cimbioid Sawfiles family including Rusty Wilow Sawfiy, Common Sawfiy family including Northeastern sawfiy, Horntali Tamily including Pigeon Horntail. Braconids Smokey Horntalis, Stem Sawfiles family including Raspberry Horntail. Braconids family including Braconid Wasps, Ichneumons family including Gaint Ichneumons. Short-tailed Ichneumons and Rachaled Chenumons Torymil Wasp, Jenniy including California Torymus, Chalcid family including Golden-yellow Chalcid; Gall Wasp family including California Oak Gall Wasps and Live Oak Gall Wasp. Pelecinid family including Puter-Anti including Thistledown Howet-ant, Rad Veler-Ant, and Cow Killer, Scolid Wasp family including Scarab-hunter Wasp, and Digger Wasp, Ant family including Drewalsted ants, Leafouter ants, Texas Carperier ants, Black Carpenter ants, Crater-nest ants, Crazy Ants, Tawny Crazy Ants, Tawny Potter Wasp, Paper Wasps, Yellow Jacktes, and Sandhill Haw. Sphedo Wasp family including Potter Wasp, Paper Wasps, Vallow Jacktes, and Sandhill Hawk, Sphedo Wasp family including Thread-waisted Wasps, Eastern Sand Wasp, Black and Yellow Mud Dauber, Cicada Killer, and Great Colden Digger Wasp, Black and Yellows Mud Dauber, Cicada Killer, and Great Colden Digger Wasp, Black and Yellow Mud Dauber, Cicada Killer, Ming Bee, Willow Mining Bee, Navad Mining Bee, Carkia Bee, Faithful Leafoutting Bee, Western Leafoutting Bee, Mason Bees, California Leafoutting Bee, Digger Bees, Western Cuckoo Bee, California Carpenter Bee

# PESTS CONTROLLED - continued Flies

Preside Converted Leb - Continued Files Crane fly family including Wood-boring Tupulid, Cliant Western Crane Fly, and Crane Flies, Phantom Crane Flies including Phantom Crane Fly, Net-winged Midges including Constock's Net-winged Midge: Phantom Midges; Black Flies including Black flies, March Flies family including March Flies, Fungus Gnats tamily including Ingus; Craits; Singe Fly family including Globaced Shipe Fly; Siletto Fly family including Stiefto Flies; Flower-loving Fly damily including Flower-loving Fly, Mydas Fly, tamily including Middes fly, Kabeder Fly, Bee Killer (Gant Kobber Fly), and Robber Flies; Bae Flies including Clobace Fly, Eles Killer (Gant Kobber Fly), and Robber Flies; Abereins Including Bearder Fly, Large Bee Flies, and Progressive bee Flies; Dance Flies including Competinges Flies, and Progressive bee Flies; Chance Flies American Hover Flies, Bar Texan Long-Legged Flies; Including Condytostylic Long-Legged Flies; and Texan Long-Legged Flies; American Anver Flies; American Hover Flies, and Texan Long-Legged Flies; Truit Fly family including Wolty Bear Hover Flies, Borgate Aprind Flies; Druit Flies; American Hover Flies; American Fringe-legged Tachinid Fly

Spiders Folding trapdoor spider family including Turet spider, Tarantula family including Desert Tarantula, Trapdoor Spider family including California Trapdoor spider, Dichnid spiter family including Branch-ylo spiders, Spitting spider family including Spitting spiders, Volin Spider family including Desert Loxoscelses, and Volin Spider, Comb-footed Spider family including American House Spider, Sheet-web Weaver family including Harmock Spider, Chow Weaver family including Other weavers, bam spider, Carden spider (cross spider), Martied orb Weaver, Shamrock Spider, Six-spotted Orb-weaver, Sliver Angiope. Black-and-Yellow Argiope, Crabillis Spider (Calico spider), Martied orb Black-and-Yellow Argiope, Crabillis Spider (Calico spider), Large-jawed Orb Weaver family including Mabel Orchard Spider, Venusta Orchard Spider, Arrow-shaped Micrathena, and Golden-silk spider (calico spider), Large-jawed Orb Weaver family including Grass Spiders, Nursery Web Spider, Temel Web Spider, Forst Volf spider, raidw off spider, and Thr-legged Wolf spider, Large-spider, Forst Volf spider, raidw off spider, and Thr-legged Wolf spiders, Carolina Wolf spider, Forst Volf spider, raidw off spider, and Thr-legged Wolf spider, Spider Family including Jumping Lynx spider, and golder and yladir, Wandring spiders, Gant Crab spider family including Huntsman spider, and Golden-Huntsman spider, Selenopid Crab Spider, family including Vandering Vander family including Coldenrod spider, flower spider, rod-spider Artica Spider family including Goldenrod spider (flower spider, rod-spider Caroling Volf cab Spider family including Coldenrod spider, flower spider, rod-spider family including Vander Artaber Selenopid Crab Spider family including Caroling Volf Spider, Forst Selenopid Crab Spider family including Crab Spider (rab Spider family including Coldenrod spider, flower spider, rod-spider Caroling Volf vander spider, Scient Selenopid Crab Spider family including Caroling Crab Spider for Selenopid Crab Spider family i Spiders Crab Spider family including Goldenrod spider (flower spider, red-spotted Crab Spider), Elegant Crab Spider, Thrice-banded Crab Spider; Philodromid family Opticity, Legan Vonder, Michael Spiders, Junging Spiders inducting for an including incompsicuous Crab Spiders, Junging Spiders inducing Green Lyssomanes, Dimorphic Jumping Spider, Metaphid Jumping Spider, Ant-mimi Jumping spider, and Daring Jumping spider. Daddy-long-legs family including Eastern Daddy-long-legs and Brown Daddy-long-legs r Ant-mimic

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

Psyllid, Whiteflies, Aphids, Mealybugs, Scale Insects PSyllid, virtuenties, Aprilos, mearyougs, Scare insecto Psyllid family including American Alder Psyllid, Whitely family including Greenhouse Whitely, Aphild family including Green Apple Aphid, Rosy Apple Aphid, Ross, Pae and Potato Aphid, Rost Aphild (. Courdy-winged Cottonwood Aphid, and Giant Willow Aphid; Woolly and Gail-Making Aphid family including Woolly Apple Aphid, Gant Scale Insects family including Cottony Cushon Scale Amored Scale Insects family including Oyster Shell Scale, Meabudg family including Long-tailed 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)	Plants	Pests	PHI (Days)	
VEGETABLES Brassica vegetables: Broccoli, Chinese Broccoli (gai Ion, white flowering broccoli), Brussels Sprouts, Cauliflower, Cabbage, Chinese Cabbage (napa), Chinese Mustard Cabbage (gai choy), Broccoli Raab (rapini), Chinese cabbage (bok choy), Collards, Kale, Mustard Spinach, Rape Greens, Iumip Greens	Moth, Flea Beetles, Imported Cabbageworm, Leafhoppers, Saltmarsh Caterpillar, Southern	Spray up to 1 day before harvesting	VEGETABLES Legume Vegetables - Succulent and Dried Ausculent Edible-Podded Peas, Succulent Shelled Peas: Dwarf Pea, Edible-pod Pea, Snow Pea, Sugar Snap Pea, Pigeon pea, English Pea, Carden Pea, Green Pea, Lengume Vegetables - Succulent Edible-Podded Beans, Succulent Shelled Beans, and Dried Shelled Beans	Cutworms, Painted Lady (Thistle) Caterpillar, Sattmarsh Caterpillar, Stiverspotted Skipper, Alfafa Caterpillar, Amyworm, Southern Armyworm, True Armyworm, Yellow-Stroged Bean Leaf Beetle, Bister Beetles, Colorado Potato Beetle, European Com Borer, Com Boere, Southwestern Com Earworm, Com Rootworm Beetle (adult), Cowpea Curculo, Cucumber Beetle, Flae Beetle, Green Clovenorm, Ground Beetles, Imported Cabbageworm, Japanese Beetle, Leaf Skeletonizers, Leafhoppers,	Spray up to 1 day before harvesting on succulen shelled or edible-podde peas or beans, and up to 21 day before harvesting for dried shelled peas or beans	
Sweet Corn Cucurbit vegetables:	Chinch Bug, Corn Rootworm (Adult), Com Silkfly, Cutworms, Flea Beelte, Leadhoppers, Japanese Beelte (Adult), Sap Beelte (adults), Tamished Plant Bug, Armyworms, Corn Borers, Corn Earworm, Grasshoppers, Aphids Cutworms, Cabbage	Spray up to 3 days before harvesting Spray up to	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	Leartminers (adults), Mexican Bean Beetle, Pea Weevil, Pea Leaf Weevil, Plant Bugs, Potato Learthopper, Seedcom Beetle, Seedcom Maggot (adult), Spittlebug, Three-Comered Alfalfa, Hopper, Tobacco Budworm, Velvetbean Caterpillar, Wetworms, Woolly Bear Caterpillar		
Chayote (fruit), Chinese Waxgourd (Chinese Preserving Melon), Citron Melon, Cucumber, Gherkin, Gourd (edible) (including hyotan, cucuzza, hechima, Chinese orkra), Mormordica spp. (includes	Looper, Cucumber Beetles, (adult), Leafhoppers, Melorworm, Pickleworm, Rindworm, Squash Bug, Squash Vine Borer, Corn Earworm, Plant Bugs, Stinkbugs	teetles. (adult), harvesti eafhoppers, felorworm, Pickleworm, tindworm, Squash Bug, quash Vine Borer, Corn arworm, Plant Bugs,	1 day before harvesting	Sweet Lupin, Field Bean, Kidney Bean, Tepary 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		
balsam apple, balsam pear, bitter melon, Chinese cucumber), Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i> ) (includes true cantaloupe, casaba, crenshaw melon, godden pershaw melon, poney balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon), Pumpkin, Summer Squash (includes crookneck squash,			Fruiting vegetables: Eggplant, groundcherry (Physais spp.), okra pepino (Melon pear), pepper (includes bell pepper, chil pepper, cooking pepper, pimento, sweet pepper), tomatillo, tomato	Armywom, Southern Armywom, Tue Armyworn, Yellow-striped Celery Leaf Tier, Colorado Potato Beetle, Com Borer, European Com Borer, Southwestern Com Earworn, Caucimber Beetle, Cutworm, Flea Beetle, Garden Webworm, Green Sink Bug, Honworms, Leafminers (adults), Leafhoppers, Meadow Spittlebug, Peoper Maggot (adults), Peoper Weeyall, Plant Bugs, Tobacco Budworm, Tomato Fruitworm, Tomato Priworm, Aphids, Armyworm, Fall Cabbage Looper, Grasshoppers, Lygus Bugs, Brown Sink Bug, Tomato Psyllid, Thrips, Whiteflies	Spray up to 1 day before harvesting	
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)			Leafy vegetables: Amaranth (leafy amaranth, Chinese spinach, tampala), Arugula (Roquette), Cardoon, Celery, Chinese Celery, Celtuce, Chervil, Chrysanthernum (celiabe-laewed and garland), Cilantro (not for use on celantro grown for seed or	Corn Eaworm Cucumber Beetles, Cutworms, Diamondback Moth, Flea Beetles Imported Cabbageworm, Leaftoppers, Sattmarsh Caterpillar, Tobacco Budworm, Armyworms, Loopers, Lygus Bugs, Onion Thrips, Stink Bugs, Wireworm	Spray up to 1 day before harvesting	

Plants	Pests	PHI	Plants	Pests	PHI		
VEGETABLES		(Days)	VEGETABLES		(Days)		
coriander) Corn Salad, Cress (Carden, Upland (yellow rocket, winter cress), Endive, (escarole), Fennel/Florence (finochio), Garden Cress, Lettuce (head and leaf), Orach, Parsley, Purslane (garden), Parsley, Purslane (garden), Radicchio (red chicory), Rhubarb, Spinach	Com Earworm Cucumber Beetles, Cutworms, Diarmondback Moth, Flea Beetles Imported Cabbageworm, Leafhoppers, Saltmarsh Caterpillar, Tobacco Budworm, Armyworms, Loopers, Lygus Bugs, Onion Thrips, Stink Bugs, Wireworm	1 day before harvesting	Peanuts	Cutworm spp., Green Cloverworm, Velvetbean Caterpillar, Red-necked Pearlut Worm, Bean Leaf Beetle, Leafhopper spp., Southern Corn Rodewill, Whitefringed Beetle (adult), Aphid spp., Armyworm, Beet, Fall Armyworm, Corn Earworm, Grasshopper spp., Lesser Cornstalk Borer, Soybean Looper, Stink Bug spp., Tobacco Thinps	Spray up to 7 days before harvesting		
(including New Zealand and vine, Malabar spinach, Indian			Plants	Pests	PHI		
spinach). Swiss chard					(Days)		
Root & Tuber Vegetables (except sugar beets): Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Garden Beet, Edible Burdock, Edible Canna, Carrot, Cassava (Bitter and Sweet), Celeriac	Korot & Tuber Vegetables (except sugar beets): Hrracacha, Arrowroot, Artichoke (Chiesea and Jerusalem), Garden Beet, Jerusalem), Garden Beet, Jerusalem), Garden Beet, Herusalem), Garden Beet, Jerusalem), Garden Beet, Herusalem), Garden Beet, Jerusalem, Garden Beet, Garbie Burdock, Edible Bardock, Edible Burdock, Edible Canna, Carrot, Cassava Bitter and Sweet), Celerica Cabbage Maggot, Colorado Potato Celery Root, Lorayote Rooti, Turnip-Rooted Carbage, Horseradish, Jasheen (Taro), Ginger, Ginseng, Horseradish, Potato Psyllid, Potato Tuberworm, Tarished Plant Bug Spanish Salsify, Ksirret, Sweet Potato, Tanier Cacoyam, Turmerch, Lurnip, Yam Bean, Yam	Spray up to 1 day before harvesting	BERRIES, FRUITS, AND 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	Spray up to 1 day before harvesting		
(Root), Turnip-Rooted Chervil, Chicory, Chufa, Dasheen (Taro), Ginger,			Grapes	Eastern Grape Leafhopper, Variegated Leafhopper, Western Grape Leafhopper, and Spotted Lanternfly	Spray up to 1 day before harvesting		
Uniserg, Horseaush, Leren, Turnip-Rooted Parsley, Parsnip, Potato, Oriental Radish (Daikon), Rutabaga, Salsify (Oyster Plant), Black Salsify, Spanish Salsify, Skirret, Sweet Potato, Tanier (Coccyam), Turmeric, Turnip, Yam Bean, Yam (True)				Pome Fruit Group: Apple, Crabapple, Loquat, Mayhaw, Pear, Oriental Pear, and Quince	Apple Maggot, Codling Moth, European Apple Sawfly, Green Fruitworm, Japanese Beetle, Lesser Appleworm, Oblique Banded Leafoller, Otental Fruit Moth, Pandemis Leafroller, Pear Psylla, Plum Curculio, Potato Leaftopper, Redbanded Leafroller, Rosy Apple Aphid, Spirea Aphid, Spotter Tentiform Leafminer, Stink Bugs, Tamished Plant Bug, Tuted Apple Bud Moh, Variagated	Spray up to 14 days before harvesting	
Sunflowers: Castor Oil Plant, Chinese Tallowtree, Euphorbia,	Cutworm spp., White Grub, Wireworm			Spray up to 30 days		Leafroller, White Apple Leafhopper, Spotted Lanternfly	
Evening Primrose, Jojoba, Niger Seed, Rose Hip, Stokes Aster, Tallowwood, Tea Oil Plant, and Vernonia		before harvesting	Stone Fruit Group: Apricot, Cherry (Sweet and Tart), Nectarine, Peach, Plum (including Chickasaw Plum, Damson	American Plum Borer, Black Cherry Aphid, Cherry Fruit Fly, Green Fruitworm, Leafrollers, Leafhoppers, Lesser Peach Tree Borer, Peach Tree Borer, Peach Twig Borer, Plum Curculio, Oriental Fruit Moth, Rose	Spray up to 14 days before harvesting		
Bulb Vegetables (Allium spp.): Garlic, Garlic, Great-Headed (elephant),	eafminers (adults), Onion Maggot Adults, Stink Bugs, Aphids, Onion	Armyworms, Cutworms, Leafminers (adults), Onion Maggot Adults, Stink Bugs, Aphids, Onion Thrips	p.): arlic, aded (elephant), thrips	Spray up to 7 days before harvesting	Plum, and Japanese Plum), Plumcot, Prune (fresh)	Chafer, Spotted Lanternfly, Stink Bugs, Tamished Plant Bug, Tufted Apple Budmoth, Western Cherry Fruit Fly, Spotted Lanternfly	
Green Eschalots, Japanese Bunching Onions, Leeks, Onion, Dry Bulb and Green, Onion, Welch, Shallots, Dry Bulb and Green, Spring Onion or Scallions			Tree Nuts Group: Almond, beech nut, Brazil nut, butternut, cashew, chestnut, chinquapin, hilbert (hazelnut), hickory nut, macadamia nut, pecan, pistachio, walnut (black and English)	Black Pecan Aphid, Codling Moth, Filbert Worm, Hickory Shuckworm, Leaffooted Buss, Navel Orangeworm, Oblique-banded Leaffoller, Peach Twig Borer, Pecan Leaf Casebearer, Pecan Nut Casebearer, Pecan Phylloxera, Pecan Weevil, Plant Bugs, Slink 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.		

Plants BERRIES, FRUITS, AND	Pests	PHI (Days)	NOTES
Tropical Fruits: Avocado, Black Sapote, Canistel, Mamey Sapote, Mango, Papaya, Sapodilla, Star Apple	NUIS	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	

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