



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

September 25, 2020

Prachi Pandya
Federal Regulatory Affairs Associate
SBM Life Science Corp.
1001 Winstead Drive, Suite 500
Cary, NC 27513

Subject: Notification per PRN 98-10 – Label notification to revise claims and add ABNs
Product Name: Tempo Concentrate Insecticide
EPA Registration Number: 92564-17
Application Dates: 6/12/2020, 7/2/2020, 8/21/2020
Decision Numbers: 566411, 566415, 566416

Dear Ms. Pandya:

The Agency is in receipt of your Application for Pesticide Notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Registration Division (RD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The label submitted with the application has been stamped “Notification” and will be placed in our records.

The alternate following brand names have been added to the product record:

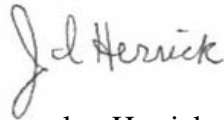
1. BioAdvanced® Science-Based Solutions Tomato & Vegetable Garden Insect Killer Ready-to-Spray
2. BioAdvanced® Tomato & Vegetable Garden Insect Killer Ready-to-Spray
3. BioAdvanced® Science-Based Solutions Tomato & Vegetable Insect Killer Ready-to-Spray
4. BioAdvanced® Tomato & Vegetable Insect Killer Ready-to-Spray
5. BioAdvanced® Science-Based Solutions Vegetable & Tomato Insect Killer Ready-to-Spray
6. BioAdvanced® Vegetable & Tomato Insect Killer Ready-to-Spray
7. BioAdvanced® Science-Based Solutions Tomato & Vegetable Garden Insect Killer Concentrate
8. BioAdvanced® Tomato & Vegetable Garden Insect Killer Concentrate
9. BioAdvanced® Science-Based Solutions Tomato & Vegetable Insect Killer Concentrate
10. BioAdvanced® Tomato & Vegetable Insect Killer Concentrate
11. BioAdvanced® Science-Based Solutions Vegetable & Tomato Insect Killer Concentrate
12. BioAdvanced® Vegetable & Tomato Insect Killer Concentrate
13. BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect & Fire Ant Killer Ready-to-Spray
14. BioAdvanced® 24 Hour Lawn Insect & Fire Ant Killer Concentrate
15. BioAdvanced® Science-Based Solutions 24 Hour Fire Ant & Lawn Insect Killer Ready-to-Spray
16. BioAdvanced® 24 Hour Fire Ant & Lawn Insect Killer Concentrate
17. BioAdvanced® 24 Hour Lawn Insect & Fire Ant Killer Ready-to-Spray

18. BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect & Fire Ant Killer Concentrate

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

If you have any questions, please contact Jacquelyn Herrick by phone at 703-347-0559, or via email at herrick.jacquelyn@epa.gov.

Sincerely,



Jacquelyn Herrick, Product Manager 03
Invertebrate & Vertebrate Branch 1
Registration Division (7505P)
Office of Pesticide Programs

[Master Label]

[This master label contains two sub-labels, A and B, and each sub-label is marketed with an alternate brand name.]

[This label contains two separate label statements for Pump Sprayer/Hose and Sprayer Concentrate product use (Sub-label B) and Pre-Packaged Ready-To-Spray product use (Sub-label A).]

(Front Panel)

Tempo[®] Concentrate Insecticide

~~[ABN's:] Bayer Advanced Vegetable & Garden Insect Spray Concentrate; Bayer Advanced Vegetable & Garden Insect Spray Ready-to-Spray; Bayer Advanced Complete Brand Insect Killer for Lawns[†]; Bayer Advanced Insect Killer for Lawns[†]; Bayer Advanced Tree & Shrub Insect Killer Spray Ready-to-Spray; Bayer Advanced Tree & Shrub Insect Killer Spray Concentrate;~~

Bianova Advanced[™] Vegetable & Garden Insect Spray Concentrate;

BioAdvanced[®] Vegetable & Garden Insect Spray Concentrate;

BioAdvanced[®] Science-Based Solutions Vegetable & Garden Insect Spray Concentrate;

Fortifend Advanced[™] Vegetable & Garden Insect Spray Concentrate;

Bianova Advanced[™] Vegetable & Garden Insect Spray Ready-to-Spray;

BioAdvanced[®] Vegetable & Garden Insect Spray Ready-to-Spray;

BioAdvanced[®] Science-Based Solutions Vegetable & Garden Insect Spray Ready-to-Spray;

Fortifend Advanced[™] Vegetable & Garden Insect Spray Ready-to-Spray;

Bianova Advanced[™] Complete Brand Insect Killer for Lawns Ready-to-Spray;

BioAdvanced[®] Complete Brand Insect Killer for Lawns Ready-to-Spray;

BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Lawns Ready-to-Spray;

Fortifend Advanced[™] Complete Brand Insect Killer for Lawns Ready-to-Spray;

Bianova Advanced[™] Complete Brand Insect Killer for Lawns Concentrate;

BioAdvanced[®] Complete Brand Insect Killer for Lawns Concentrate;

BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Lawns Concentrate;

Fortifend Advanced[™] Complete Brand Insect Killer for Lawns Concentrate;

Bianova Advanced[™] Insect Killer for Lawns Ready-to-Spray;

BioAdvanced[®] Insect Killer for Lawns Ready-to-Spray;

BioAdvanced[®] Science-Based Solutions Insect Killer for Lawns Ready-to-Spray;

Fortifend Advanced[™] Insect Killer for Lawns Ready-to-Spray;

Bianova Advanced[™] Insect Killer for Lawns Concentrate;

BioAdvanced[®] Insect Killer for Lawns Concentrate;

NOTIFICATION

92564-17

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

09/25/2020

BioAdvanced® Science-Based Solutions Insect Killer for Lawns Concentrate
Fortifend Advanced™ Insect Killer for Lawns Concentrate
Bianova Advanced™ Tree & Shrub Insect Killer Spray Ready-to-Spray
BioAdvanced® Tree & Shrub Insect Killer Spray Ready-to-Spray
BioAdvanced® Science-Based Solutions Tree & Shrub Insect Killer Spray Ready-to-Spray
Fortifend Advanced™ Tree & Shrub Insect Killer Spray Ready-to-Spray
Bianova Advanced™ Tree & Shrub Insect Killer Spray Concentrate
BioAdvanced® Tree & Shrub Insect Killer Spray Concentrate
BioAdvanced® Science-Based Solutions Tree & Shrub Insect Killer Spray Concentrate
Fortifend Advanced™ Tree & Shrub Insect Killer Spray Concentrate
BioAdvanced® Science-Based Solutions Complete Brand Insect Killer for Soil & Turf Ready-to-Spray I
BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Control Ready-to-Spray
BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Killer Ready-to-Spray
BioAdvanced® Science-Based Solutions Complete Brand Insect Killer for Soil & Turf Concentrate I
BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Control Concentrate
BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Killer Concentrate

For Use On: [Vegetables,] [Flowers,] [Peanuts,] [Sunflowers,] [Grapes,] [Lawns,] [Ground Covers,] [Shrubs,] [Trees,] [and] [Around Homes]

[Measure-Up™ Cup]
[Exact Measure Every Time]

CONCENTRATE KILLS [LISTED] [*] INSECTS RAINPROOF WITHIN 1 HOUR OF APPLICATION

ACTIVE INGREDIENT:

Cyfluthrin 0.75%

OTHER INGREDIENTS:..... 99.25%

TOTAL: 100.00%

0.0626 lbs cyfluthrin per gallon of product

Net Contents: 16 fl. oz. or 32 fl oz or 40 fl oz

STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional precautionary statements.

FOR OUTDOOR RESIDENTIAL USE ONLY

(Sub-Label A: Ready-to-Spray Sub-Label)
(Front Panel)

Tempo[®] Concentrate Insecticide

~~[ABN's:] Bayer Advanced Vegetable & Garden Insect Spray Ready-to-Spray;
Bayer Advanced Complete Brand Insect Killer for Lawns[†]; Bayer Advanced
Insect Killer for Lawns[†]; Bayer Advanced Tree & Shrub Insect Killer Spray
Ready-to-Spray;~~ **Bianova Advanced[™]**

Vegetable & Garden Insect Spray Ready-to-Spray[‡]

BioAdvanced[®] Vegetable & Garden Insect Spray Ready-to-Spray[‡]

**BioAdvanced[®] Science-Based Solutions Vegetable & Garden Insect Spray
Ready-to-Spray[‡]**

Fortifend Advanced[™] Vegetable & Garden Insect Spray Ready-to-Spray[‡]

Bianova Advanced[™] Complete Brand Insect Killer for Lawns Ready-to-Spray[‡]

BioAdvanced[®] Complete Brand Insect Killer for Lawns Ready-to-Spray[‡]

**BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Lawns
Ready-to-Spray[‡]**

Fortifend Advanced[™] Complete Brand Insect Killer for Lawns Ready-to-Spray[‡]

Bianova Advanced[™] Complete Brand Insect Killer for Lawns Concentrate[‡]

BioAdvanced[®] Complete Brand Insect Killer for Lawns Concentrate[‡]

**BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Lawns
Concentrate[‡]**

Fortifend Advanced[™] Complete Brand Insect Killer for Lawns Concentrate[‡]

Bianova Advanced[™] Insect Killer for Lawns Ready-to-Spray[‡]

BioAdvanced[®] Insect Killer for Lawns Ready-to-Spray[‡]

BioAdvanced[®] Science-Based Solutions Insect Killer for Lawns Ready-to-Spray[‡]

Fortifend Advanced[™] Insect Killer for Lawns Ready-to-Spray[‡]

Bianova Advanced[™] Insect Killer for Lawns Concentrate[‡]

BioAdvanced[®] Insect Killer for Lawns Concentrate[‡]

BioAdvanced[®] Science-Based Solutions Insect Killer for Lawns Concentrate[‡]

Fortifend Advanced[™] Insect Killer for Lawns Concentrate[‡]

Bianova Advanced[™] Tree & Shrub Insect Killer Spray Ready-to-Spray[‡]

BioAdvanced[®] Tree & Shrub Insect Killer Spray Ready-to-Spray[‡]

**BioAdvanced[®] Science-Based Solutions Tree & Shrub Insect Killer Spray Ready-
to-Spray[‡]**

Fortifend Advanced[™] Tree & Shrub Insect Killer Spray Ready-to-Spray[‡]

**BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Soil &
Turf Ready-to-Spray I[‡]**

**BioAdvanced[®] Science-Based Solutions 24 Hour Lawn Insect Control Ready-to-
Spray[‡]**

BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Killer Ready-to-Spray

For Use On: [Vegetables,] [Peanuts,] [Sunflowers,] [Grapes,] [Lawns,] [Ground Covers,] [Flowers, Shrubs,] [Trees,] [and] [Around Homes]

KILLS LISTED [*] INSECTS

RAINPROOF WITHIN 1 HOUR OF APPLICATION

ACTIVE INGREDIENT:

Cyfluthrin 0.75%

OTHER INGREDIENTS:..... 99.25%

TOTAL: 100.00%

0.0626 lbs cyfluthrin per gallon of product

Net Contents: 16 fl. oz. or 32 fl oz or 40 fl oz

**STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN**


CAUTION

See back panel for additional precautionary statements.

FOR OUTDOOR RESIDENTIAL USE ONLY

(BACK PANEL)

[This product kills listed [*] outdoor pests by contact. Keeping your [vegetable] [garden] [and] lawn free of listed [*] pests has never been easier. This product is ready to spray. Just attach this bottle to your hose according to directions. Water automatically mixes with the concentrate as you spray.]

QUICK FACTS	
Quickly Stops Harmful [Listed] [*] Insects Before They Do Damage Kills listed[*] insects [by] [through] contact and keeps [on] protecting for up to 2 weeks Effective Against a Broad Range of Listed[*] Pests Ready to Spray...No Mixing, no Measuring This product-is ready to spray. Just attach this bottle to your hose according to directions. Water automatically mixes with the concentrate as you spray. [Note to PM: May choose any claim from marketing claim list.]	
KILLS	Aphids, Caterpillars, Japanese beetles (adults), Leaf-feeding beetles, Stink Bugs (including Brown Marmorated Stink Bugs), Whiteflies, and other listed[*] pests.
COVERAGE	[Makes up to 64 gallons of spray (32 fl oz size) (For Vegetable and Ornamental Applications)] Covers 5,333 sq ft (32 fl oz size) [Lawn Application]
WHERE TO USE	[Vegetables,] [Peanuts,] [Sunflowers,] [Grapes,] [Lawns,] [Ground Covers,] [Flowers,] [Shrubs,] [Trees,] [and] [Around Homes]
WHEN TO USE	When [listed] [*] insects or damage first appear
HOW MUCH TO USE	No measuring needed. Dilutes automatically.
WHEN TO HARVEST	See plant specific restrictions for pre-harvest interval. If no pre-harvest interval is listed, the product may be applied up to and including day of harvest.
	For questions or comments, call toll-free 1-877-229-3724 or visit our website at [www.BioAdvanced.com]

ACTIVE INGREDIENT:

Cyfluthrin..... 0.75 %

OTHER INGREDIENTS:..... 99.25 %

TOTAL:..... 100.00 %

[Cyfluthrin is the chemical name for Tempo®]

EPA Reg. No. 92564-17

EPA Est. No. XXXX-AA-1

+ FIRST AID

If swallowed	<ul style="list-style-type: none">• Call a 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 a poison control center or doctor• Do not give anything by mouth to an unconscious person
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes• Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none">• Move person to fresh air• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible• Call a poison control center or doctor for further treatment advice
NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call toll-free (877) 229-3763 for medical emergency information.	
Active Ingredient: 0.75% Cyfluthrin [CAS # 68359-37-5]	
Note to Physician: No specific antidote is available. Treat the patient symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Harmful if swallowed or inhaled
- Causes eye irritation
- Avoid contact with skin, eyes, or clothing
- Wash thoroughly with soap and water after handling
- Do not use kitchen utensils for measuring. Keep utensils used for measuring with product and away from children

ENVIRONMENTAL HAZARDS

- This pesticide is toxic to fish and other aquatic organisms.
- This pesticide is highly toxic to bees exposed to direct treatment or residues on plants or weeds. Do not apply Tempo® Concentrate Insecticide or allow it to drift onto plants or weeds on which bees are actively foraging.
- 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.

DIRECTIONS FOR USE

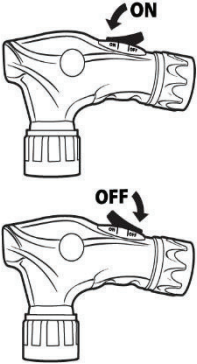
It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

For best results, read and follow all label directions.

BEFORE YOU USE

Read and follow these directions when using:

- Apply the product to flowering plants during early morning or late evening, when bees are not present.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until spray has dried.
- Do not water the treated area to the point of run-off.
- Do not make application during rain.
- All outdoor applications must be limited to spot or crack and crevice treatments only, except for the

	<ul style="list-style-type: none"> • following permitted uses: <ol style="list-style-type: none"> (1) Treatment to soil or vegetation around structures; (2) Applications to lawns, turf, 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 such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack and crevice applications, only. • 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 the product to enter any drain during or after application.
<p>WHEN TO USE</p>	<p>Spray when [listed] insects or damage first appear. Refer to specific use area for additional instructions.</p>
<p>HOW TO ATTACH & SPRAY</p> 	<p>[Optional Sprayer Directions 1] Shake Well Before Using Adjust nozzle on your sprayer to desired spray pattern. Hold sprayer about 12 inches from foliage. Spray leaves and tender new shoots.</p> <p>[ART]: of steps above</p> <p>To kill [listed] insects that may hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray, but not dripping.</p> <p>[ART]: spraying undersides of leaves</p> <p>[Optional Sprayer Directions 2] CONNECT Shake well before use. Securely Connect sprayer to garden hose. Be sure that ON/OFF Switch is in OFF position, toward hose end of sprayer. Turn on water at faucet. For first time use, remove plastic shipping lock from beneath switch.</p> <p>SPRAY Extend hose to farthest area to be treated, point sprayer nozzle in direction to be sprayed. Begin spraying - Push ON/OFF Switch forward into ON position. Walk at a steady pace while spraying, using an even sweeping motion, and slightly overlap treated areas. Work back toward faucet to avoid walking over wet, treated grass.</p> <p>FINISH To stop spraying, push ON/OFF Switch to OFF position. Turn off water at faucet. Relieve water pressure in hose by turning ON/OFF Switch back to ON position until water slows to a drip, then return ON/OFF switch to OFF position. Disconnect sprayer from hose.</p>
	<p>[Optional Sprayer Directions 3] [CONNECT 1. Shake well before use. 2. Connect sprayer to garden hose. 3. Turn on water.</p> <p>SPRAY 1. Extend hose to farthest area to be treated, point sprayer nozzle in direction to be sprayed. 2. Begin spraying <Insert sprayer-specific language here> [Hayes HP-2 and Calmar RTS] sprayers: Press lock tab while using other hand to turn sprayer valve to ON position. 3. Walk at a steady</p>

pace while spraying, using an even sweeping motion, and slightly overlap the treated areas. Work back toward the faucet to avoid walking over wet, treated area.

FINISH

1. To stop spraying, < Insert sprayer-specific language here.> [Hayes HP-2 RTS sprayer]: Press lock tab while using other hand to turn sprayer valve to OFF position. Calmar & Green Garden RTS sprayers: turn sprayer valve to OFF position.
2. Turn off water at faucet.
3. Relieve water pressure in hose by turning sprayer valve back to ON position until water slows to a drip then turn sprayer valve to OFF position.
4. Disconnect sprayer from hose.]

Peanut

PESTS CONTROLLED

Armyworm (1 st and 2 nd instar)	Erebine moths	Introduced Basswood thrips	Sweetpotato Whitefly
Ash whitefly	Eublemmine moths	Litter moths	Threecornered alfalfa hopper
Azalea whitefly	Fall armyworm (1 st and 2 nd instar)	Onion thrips	Tiger and Lichen moths
Banded Greenhouse thrips	Gladiolus thrips	Potato leafhopper	Tobacco thrips
Bandwinged whitefly	Grass thrips	Rednecked peanut worm	Tussock moths
Bean leaf beetle	Green cloverworm	Rivuline moths	Thrips
Beet armyworm (1 st and 2 nd instar)	Greenhouse thrips	Scolecocampine moths	Vegetable weevil
Citrus blackfly	Greenhouse whitefly	Silverleaf whitefly	Velvetbean caterpillar
Cutworms	Grape colaspis (adult)	Southern armyworm (1 st and 2 nd instar)	Western Flower thrips
Corn earworm	Grasshoppers	Stink bugs	Whitefringed beetle (adult)
Corn rootworms (adult)	Hypenini moths	Soybean looper	Whitefly (adult)
	Hypenodine moths		
	Japanese beetle (adult)		
	June beetle (adult)		

Restrictions:

Pre-harvest Interval: Do not harvest until at least 14 days after application.
Do not spray more than 3 times per year.

Sunflowers

PESTS CONTROLLED

Army Cutworm	Grasshoppers	Sunflower Borer Moth	Sunflower beetle
Banded sunflower moth	Green Cutworm Moth	Sunflower midge	Stink bugs
Bristly Cutworm Moth	Palestriped flea beetle	Sunflower moth	Sunflower bud moth
Cutworms	Rigid Sunflower Borer Moth	Sunflower seed weevil	Sunflower headclipping weevil
Dingy Cutworm Moth	Speckled Cutworm Moth	Sunflower stem weevil (adult)	Yellow Headed Cutworm Moth
Glassy Cutworm			

Restrictions:

Pre-harvest Interval: Do not harvest until at least 30 days after application.
Do not spray more than 3 times per year.

Brassica (Cole) Leafy Vegetables:

Broccoli, Broccoli raab (rapini), Chinese (gai lon) broccoli, Brussels sprouts, Cabbage, Chinese (bok choy) cabbage, Chinese (napa) cabbage, Chinese mustard (gai choy) cabbage, Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens, and Turnip greens.

PESTS

Alfalfa looper	Corn earworm	Japanese beetle (adult)	Southern armyworm (1 st and 2 nd instar)
Army Cutworm	Cutworms	Large Orange Sulphur	Speckled Cutworm Moth
Armyworm (1 st and 2 nd instar)	Dainty Sulphur	Little Yellow	Southern cabbageworm
Ash whitefly	Dame's Rocket Moth	Lyside Sulphur	Southern Dogface
Azalea whitefly	Desert Marble	Lygus bug	Southern Rocky Mountain
Banded Greenhouse thrips	Desert Orangetip	Margined White	Orangetip
Bandwinged whitefly	Diamondback moth (larvae)	Meadow spittlebug	Southwestern Orangetip
Barred Yellow	Dingy Cutworm Moths	Mead's Sulphur	Stella Orangetip
Becker's White	Falcate Orangetip	Mexican Yellow	Stink bugs
Beet armyworm (1 st and 2 nd instar)	Fall armyworm (1 st and 2 nd instar)	Mimosa Yellow	Sweetpotato whitefly
Bristly Cutworm Moth	Florida White	Mustard White	Tailed Orange
Cabbage aphid	Gladiolus thrips	Olympia Marble	Tarnished plant bug
Cabbage flea beetle	Glassy Cutworm	Onion thrips	Thrips
Cabbage looper	Grass thrips	Orange-barred Sulphur	Tobacco thrips
Cabbage webworm	Grasshoppers	Orange Sulphur	Vegetable weevil (adult)
Cabbage White	Great Southern White	Pacific Orange Tip	West Virginia White
California Dogface	Green Cutworm Moth	Pelidne Sulphur	Western Flowers thrips
California Marble	Greenhouse thrips	Pine White	Western Sulphur
Checkered White	Greenhouse whitefly	Pink Edged Sulphur	Western White
Citrus blackfly	Introduced basswood thrips	Potato leafhopper	White Angled-Sulphur
Clouded Sulphur	Imported cabbageworm	Purple-Backed Cabbage	Whitefly (adult)
Cloudless Sulphur		Queen Alexandria's Sulphur	Yellow Headed Cutworm Moth
Common Looper Moth		Sleepy Orange	Yellowstriped armyworm (1 st and 2 nd instar)
		Silverleaf whitefly	
		Spring White	

Restrictions:

Do not spray more than 4 times per year.

Cucurbits (except crops grown for seed):

Balsam apple, Balsam pear, Bitter melon, Chayote, Chinese cucumber, Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Edible gourd (includes: hyotan, cucuzza, henchmia and Chinese okra), Muskmelon (includes: cantaloupe, true cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon), Pumpkin, Summer squash (includes: crookneck squash, scallop squash, straightneck squash, vegetable marrow, and zucchini), Watermelon, Winter squash (includes: butternut squash, calabaza, hubbard squash, acorn squash and spaghetti squash)

PESTS

Armyworm (1 st and 2 nd instar)	Citrus blackfly	Pickleworm	Tarnished plant bug
Ash whitefly	Corn earworm	Potato leafhopper	Tobacco budworm
Aster leafhopper	Cucumber beetle	Rindworm	Variegated leafhopper
Azalea whitefly	Cutworms	Silverleaf whitefly	Whitefly (adult)
Bandwinged whitefly	Grasshoppers	Stink bugs	
Beet leafhopper	Greenhouse whitefly	Stripped cucumber beetle	
Cabbage looper	Lygus bug	Sweetpotato whitefly	
	Melonworm		

Restrictions:

Do not spray more than 4 times per year.

Fruiting Vegetables

Eggplant, Groundcherry, Pepino, Pepper (includes: bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, and Tomato

PESTS

Army cutworm	Common looper moth	Onion thrips	Tomato pinworm
Armyworm moth	Dingy cutworm moths	Silverleaf whitefly	Variegated cutworm
Ash whitefly	Flea beetles	Southern armyworm (1 st and 2 nd instar)	Variegated leafhopper
Aster leafhopper	Garden Tortrix	Speckled cutworm moth	Velvetbean Caterpillar
Azalea whitefly	Garden webworm	Speckled green fruitworm moth	Whitefly (adult)
Banded greenhouse thrips	Gladiolus thrips	Stink bugs (including Brown Marmorated Stink Bugs)	Western flower thrips
Bandwinged whitefly	Glassy cutworm	Sweetpotato whitefly	Western yellowstriped armyworm (1 st and 2 nd instar)
Beet armyworm (1 st and 2 nd instar)	Green cutworm moth	Tarnished plant bug	Yellow-headed cutworm moth
Beet leafhopper	Green peach aphid	Thrips (except <i>Thrips palmi</i>)	
Bristly cutworm moth	Greenhouse thrips	Tomato fruitworm (corn earworm)	
Bunchberry Leaf folder moth	Greenhouse whitefly	Tobacco budworm moth	
Cabbage looper	Grass thrips	Tobacco thrips	
Celery leaf tier	Gray looper moth	Tomato fruitworm (corn earworm)	
Colorado potato beetle	Introduced basswood thrips	Tomato hornworm	
European corn borer	Leafminers		
Citrus blackfly	Pepper weevil		
	Potato aphid		
	Potato leafhopper		

Restrictions:

Pre-harvest Interval: Do not harvest until at least 7 days after application, except for tomato, which has no PHI.

Do not spray more than 6 times per year.

Leafy Vegetables:

Amaranth (Chinese spinach), Arugula (rouquette), Cardoon, Celery, Chinese celery, Celtuce, Chervil, Chrysanthemum (edible-leaved and garland), Corn salad, Cress (garden and upland), Dandelion, Dock (sorrel), Endive (escarole), Florence fennel, Lettuce (head and leaf), New Zealand spinach, Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Rhubarb, Spinach, Swiss chard, Vine spinach

PESTS

Alfalfa looper	Dame's Rocket moth	Japanese beetle (adult)	Velvetbean caterpillar
Army cutworm	Diamondback moth (larvae)	Leafhoppers	Western flower thrips
Armyworm moth	Dingy cutworm	Lygus bug	Western yellow striped armyworm
Ash whitefly	European corn borer	Meadow spittlebug	Whitefly (adult)
Aster leafhopper	Fall armyworm (1 st and 2 nd instar)	Onion thrips	Yellow-headed cutworm moth
Azalea whitefly	Flea beetles	Potato leafhopper	Yellowstriped armyworm (1 st and 2 nd instar)
Banded greenhouse thrips	Garden tortrix	Saltmarsh caterpillar	
Bandwinged whitefly	Gladiolus thrips	Silverleaf whitefly	
Beet armyworm (1 st and 2 nd instar)	Glassy cutworm	Southern armyworm (1 st and 2 nd instar)	
Beet leafhopper	Grass thrips	Speckled cutworm moth	
Bristly cutworm moth	Grasshoppers	Stink bugs	
Cabbage looper	Gray looper moth	Sweetpotato whitefly	
Celery looper	Green cloverworm	Tarnished plant bug	
Citrus blackfly	Green cutworm moth	Thrips	
Common looper moth	Green peach aphid	Tobacco thrips	
Corn earworm	Greenhouse thrips	Varigated leafhopper	
Cutworms	Greenhouse whitefly	Vegetable weevil (adult)	
	Imported cabbageworm		
	Introduced basswood thrips		

Restrictions:

Do not spray more than 4 times per year.

Potato and Other Tuberous and Corm Vegetables:

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Edible canna, Cassava (bitter and sweet), Chayote root, Chufa, Dasheen (taro), Ginger, Leren, Potato, Sweet potato, Tanier, True yam, Turmeric, Yam bean

PESTS

Aphids	Cotton/melon aphid	Oleander aphid	Tarnished plant bug
Apple aphid	Crapemyrtle aphid	Pea aphid	Varigated leafhopper
Aster leafhopper	Cutworms	Potato flea beetle	
Beech blight aphid	Elm leaf aphid	Poplar leaf aphid	
Beet leafhopper	European corn borer	Potato aphid	
Cabbage aphid	Flea beetles	Potato psyllid	
Cabbage looper	Foxglove aphid	Potato leafhopper	
Chrysanthemum aphid	Green peach aphid	Potato tuberworm	
Colorado potato beetle	Leafcurl ash aphid	Rose aphid	
		Sweetpotato weevil (adults)	

Restrictions:

Do not spray more than 6 times per year.

Root Vegetables (except sugarbeet):

Garden beet, Edible burdock, Carrot, Celeriac, Turnip-rooted chervil, Chicory, Ginseng, Horseradish, Turnip-rooted parsley, Parsnip, Radish, Oriental radish, Rutabaga, Salsify (black, Spanish, and oyster plant), Skirret, Turnip

PESTS

Aster leafhopper	Carrot weevil	Flea beetles	Potato leafhopper
Beet leafhopper	Cutworms	Hawaiian beet webworm	Root collar borer

Restrictions:

Do not spray more than 5 times per year.

Sweet Corn**PESTS**

Army cutworm	Corn silk fly	Japanese beetle (adult)	Southwestern corn borer
Armyworm (1 st and 2 nd instar)	Dingy cutworm moths	June beetle (adult)	Speckled cutworm moth
Bean leaf beetle	European corn borer	Leafhoppers	Spotted cucumber beetle
Black cutworm	Fall armyworm (1 st and 2 nd instar)	Lesser corn stalk borer	Stalk borer
Bristly cutworm moth	Flea beetle	Masked chafer (adult)	Stalk borer moth
Cereal leaf beetle	Glassy cutworm	Northern corn rootworm	Stink bugs
Chinch bug	Granulate cutworm	Redheaded flea beetle	Webworm
Click beetle (adult)	Grape colaspis (adult)	Sand hill cutworm	Western bean cutworm
Corn earworm moth	Grasshoppers	Southern armyworm (1 st and 2 nd instar)	Western corn rootworm
Corn flea beetle	Green cutworm moth	Southern corn leaf beetle	Western yellow striped army worm
Corn rootworms (adult)			Yellow-headed cutworm moth
			Yellowstriped armyworm (1 st and 2 nd instar)

Restrictions:

Do not spray more than 10 times per season.

Grapes

Includes: Table grape, Raisin, Wine and Muscadine grape

PESTS

Climbing cutworm	Grape flea beetle	Grape mealybug (crawlers)	Orange tortrix
Grape berry moth	Grape leafroller moth	Glassywinged sharpshooter	Thrips
Grape bud beetle	Grape leafhopper	Grape leaf skeletonizer	Variegated leafhopper
Grape cane gallmaker (adult)	Grape leafroller	Omnivorous leafroller	Western grape leaf skeletonizer
Grape curculio			

Restrictions:

Pre-harvest Interval: Do not harvest until at least 3 days after application.

Do not spray more than 4 times per year.

FOR BEST RESULTS:

Do not water the foliage within one hour after applying. To avoid serious damage to plants, eliminate pests early in the season before they multiply.

FLOWERS, TREES, SHRUBS, GROUND COVERS

PESTS

Abrupt Epiblema Moth	Garden fleahopper	Red Pine Shoot Moth
Alder spittlebug	Gladiolus thrips	Redshouldered stink bug
Alfalfa Looper	Glassy Cutworm	Red turnip beetle
Alfalfa weevil	Glassy winged sharpshooter	Rhododendron lace bug
Alligator Weed Stem Borer Moth	Goldenrain tree bug	Rigid Sunflower Borer Moth
American bird grasshopper	Goldenrod Gall Moth	Rivuline moths
Andromeda lace bug	Granary weevil	Root Collar Borer
Angular Aethes	Grape bud beetle	Rose aphid
Aphids	Grape curculio	Rose chafer
Apple aphid	Grape flea beetle	Rose curculio
Apple curculio	Grape leafhopper	Rose leafhopper
Apple leafhopper	Grasshoppers	Rose midge
Apple Sphinx	Grass thrips	Rough stink bug
Arborvitae weevil	Gray-banded Leafroller	Sallow Moths
Arch Moths	Gray-blotched Epiblema	San Jose scale
Army Cutworm	Gray Dagger Moth	Saratoga spittlebug
Ash plant bug	Gray Half Spot Moth	Says stink bug
Ash whitefly	Gray lawn leafhopper	Scale (crawler stages)
Asiatic garden beetle	Gray Looper Moth	Scale Feeding Snouth Moth
Asiatic oak weevil	Green Cutworm Moth	Sculptured Moth
Asparagus beetle	Green fruit beetle	Scolecocampine moths
Assassin plant bug	Greenhouse thrips	Serviceberry Leafroller
Aster-head Phaneta Moth	Greenhouse whitefly	Shagbark Hickory Leafroller Moth
Aster leafhopper	Green Leuconycta Moth	Silverleaf whitefly
Azalea bark scale	Green peach aphid	Sleepy Orange
Azalea lace bug	Green stink bug	Small Bird-Dropping Moth
Azalea whitefly	Gypsy moth larvae	Snowy-shouldered Acleris Moth
Bagworms	Gypsy moth	Solidago Eucosma
Bald Cypress Coneworm Moth	Hairy chinch bug	Southeastern Lubber grasshopper
Banded greenhouse thrips	Half Yellow Moth	Southern chinch bug
Banded range grasshopper	Harlequin bug	Southern Coastal Coneworm Moth
Bandwinged whitefly	Hawthorn lace bug	southern garden leafhopper
Bare-patched Oak Leafroller	Hawthorne mealybug	Southern green stink bug
Bayberry Leaf-tier	Hemispherical scale	Southern masked chafer
Bean leaf beetle	Hibiscus bug	Southern Pine Catkinworm Moth
Beech blight aphid	Hickory Leafroller Moth	Southern Pineconeworm Moth
Beech scale	Hickory Shuckworm Moth	Southern Spragveia
Beet leafhopper	Honeylocust leafhopper	Speckled Cutworm Moth
Bidens Borer Moth	Honeylocust plant bug	Speckled Green Fruitworm Moth
Birch lace bug	Horned squash bug	Speckled Sereda Moth
Black-Bordered Lemon Moth	Horse lubber grasshopper	Spittlebugs
Black-blotched Bactra Moth	Hunting billbug	Spotted asparagus beetle
Black-crescent Proteoteras	Hypenines Moths	Spotted cucumber beetle
Black Dash Epinotia Moth	Hypenodine Moths	Spotted Fireworm Moth
Black-headed Birch Leaf folder Moth	Iris Borer Moth	Squash bug
Black-Patched Graylet	Imported willow leaf beetle	Stalk Borer Moth
Black turfgrass Ataenius	introduced basswood thrips	Stink Bugs
Black scale	Inornate Olereutes	Strawberry flea beetle
Black vine weevil	Jack Pine Budworm Moth	Strawberry root weevil
	Japanese beetle (adults)	

Black Wedge Spot	Kimball's Leafroller Moth	Striped Birch Pyralid Moth
Bluegrass billbug	Labyrinth Moth	Striped cucumber beetle
Boldly-marked Archips	Lace bugs	Striped flea beetle
Bougainvillea Caterpillar Moth	Lacuna Moth	Sunflower beetle
Boxelder bugs	Lantana lace bug	Sunflower Borer Moth
Bristly Cutworm Moth	Lantana Leaf-tier Moth	Sunflower head clipping weevil
Broad-patch Carolella Moth	Lantana Moth	Sunflower seed weevil
Brown marmorated stink bug	Large Mossy Lithacodia	Sunflower stem weevil
Brown soft scale	Larger elm leaf beetle	Sweetgum Leafroller Moth
Brown stink bug	Laurel Sphinx	Sweetpotato leaf beetle
Bumble flower Beetle	Lawn leafhopper	Sweet potato weevil
Buffalo treehopper	Leafcurl ash aphid	Sweetpotato whitefly
Buff-tipped Phaneta Moth	Leaf-feeding caterpillars	Sycamore lace bug
Bunchberry Leaf folder Moth	Leaf-feeding beetles	Sycamore leaf beetle
Cabbage aphid	Leaffooted bug	Sycamore Webworm Moth
Cabbage flea beetle	Leaffooted pine and seed bug	Tailed Orange
Cactus Moth	Leafhoppers (Including Glassy-winged Sharpshooter)	Tarnished plant bugs
Calico scale	Lesser Loblolly Pineconeworm Moth	Tea scale
Canadian Sonia	Litter moths	Tent caterpillars
Carmine Snout Moth	Little Cloud	The Astonomer Moth
Carolina grasshopper	Little Yellow	Threecornered alfalfa treehopper
Carolina Sphinx	Locust Leafroller Moth	Thrips
Carrot Beetle	Locust Twig Borer Moth	Tiger and Lichen Moths
Cereal leaf beetle	Long Palps Peoria Moth	Tobacco Budworm Moth
Chrysanthemum aphid	Longtailed mealybug	Tobacco flea beetle
Citrus mealybug	Lubber grasshopper	Tobacco thrips
Citrus blackfly	Macrame Moth	Tortoise beetles (6 species)
Click beetle/wireworms	Madiera mealybug	Triangle-backed Eucosma
Clover Hayworm Moth	Magnolia scale	Tufted Bird-Dropping Moth
Clover mites	Maple-basswood Leafroller Moth	Tussock moths
Codling Moth	Maple Bud Borer Moth	Twobanded Japanese weevil
Colorado potato beetle	Maple Leaf-tier	Twolined spittlebug
Common chinch bug	Maple mealybug	Two striped grasshopper
Common Spragveia	Maple Tip Borer Moth	Twostriped walkingstick
Conspere stink bug	Maple Trumpet Skeletonizer Moth	Ugly-Nest Caterpillar Moth
Corn flea beetle	Maple Webworm Moth	Variable Nigranum
Comstock mealybug	Marbled-Green Leuconycta Moth	Varigated leafhopper
Constricted Sonia Moth	Masked Leafroller	Vegetable weevil
Cotton/melon aphid	May/June Beetle	Velvetbean Catterpillar
Cottonwood leaf beetle	Mealybugs	Verbena Bud Moth
Cottony maple scale	Meadow spittlebug	Viburnum leaf beetle
Cottony camelia scale	Mexican bean beetle	Wainscot Moths
Cottony cushion scale	Mimosa Yellow	Walkingstick
Crapemyrtle aphid	Mullein bug	walnut lace bug
Crapemyrtle scale	Multicolored Asian lady beetle	Water Lily Leaf Cutter Moth
Crescent-Winged Caudellia Moth	Nantucket Pine Tip Moth	Waterlily Moth
Cucumber beetle	Night Wandering Dagger Moth	Wedgling Moth
Dainty Sulphur	Northern Burdock Borer Moth	Western boxelder bug
Dagger Moths	Northern corn rootworm	Western conifer seed bug
Darker Moodna Moth	Northern masked Chafer	Western corn rootworm
Dame's Rocket Moth	Oak lace bug	Western flower thrips
Delightful Bird Dropping Moth	Oak Leafroller Moth	
	Oak Leaf-tier Moth	
	Oak treehopper	
	Oak Trumpet Skeletonizer Moth	
	Obscure mealybug	
	Obscure root weevil	
	Oleander aphid	

Denver billbug Diaprepes root weevil Differential grasshopper Dingy Cutworm Moths Dogwood spittlebug Dotted Ecdytolopa Moth Dotted Graylet Dusky Leafroller Eggplant lace bug Eight Spot Elm calligrapha/linden leaf beetle Elm leaf aphid Elm Leaftier Elm leaf beetles Erebine moths Eublemmine moths Euonymous scale European chafer European elm scale Evergreen Coneworm Moth Exposed Bird-Dropping Moth Eye-spotted Bud Moth Fall webworm False chinch bug False Japanese Beetle Filbertworm Moth Filigreed Chimoptesis Fingered Dagger Moth Fletcher scale Fourlined plant bug Four-Spotted Bird-Dropping Moth Foxglove aphid Fruit-tree Leafroller moth Fuller rose beetle	Onion thrips Oriental beetle Owl-Eyed Bird-Dropping Moth Oystershell scale Painted leafhopper Pale Glyph Moth Pale legume bug Palestriped flea beetle Palm Bud Moth Panther spotted grasshopper Pea aphid Pecan Bud Moth Pecan weevil Pepper weevil Phlox plant bug Pillbugs Pine needle scale Pine Tube Moth Pine Webworm Moth Pinion Moths Pink-Washed Leafroller Pitch Pine Tip Moth Pitch Twig Moth Plum curculio Ponderosa Pineconeworm Moth Poplar leaf aphid Poplar Leafroller Potato flea beetle Potato leafhopper Prairie walkingstick Privet leafhopper Pygmy grasshopper Red banded Leafroller Moth Redheaded flea beetle Red legged grasshopper	Western pine spittlebug Western tarnished plant bug Western Yellow Striped Army Worm White apple leafhopper White Edge Whiteflies White fringed beetle White Head Armyworm Moth White-Lined Graylet White-lined Leafroller White Pine Cone Borer White-spotted Hedya Wild Cherry Sphinx Woods weevil Woolly-backed Moth wooly alder aphid Wooly apple aphid Wooly pear aphid Wooly elm aphid Yellow-Headed Cutworm Moth Yellow poplar weevil Yellow-Spotted Graylet Zimmerman Pine Moth
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HOW TO APPLY

Spray foliage, tender new shoots and the underside of leaves thoroughly.
To Kill insects that hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray droplets, but not dripping.
[ART]
For severe infestation, repeat every 7 to 14 days not to exceed 11 applications per year.

RESIDENTIAL [NUISANCE] PESTS OUTDOORS

PESTS

Ainsley's springtail	Fourlined plant bug	Orb-web weaver spider
Alder spittlebug	Funnel spider	Pillbugs
Andromeda lace bug	Garden fleahopper	Redshouldered stink bug
Ants	Giant house spider	Rhododendron lace bug
Ash plant bug	Gladiator katydid	Ringlegged earwig
Assassin plant bug	Goldenrain tree bug	Rough stink bug
Azalea lace bug	Grass spider	Saratoga spittlebug
Banks grass mite	Green stink bug	Says stink bug
Big headed ant	Hairy chinch bug	Seashore springtail
Birch lace bug	Harlequin bug	Small milkweed bug
Boxelder bugs	Harvestmen	Snow flea springtail
Brown marmorated stink bug	Hawthorn lace bug	Snowy tree cricket
Brown stink bug	Hibiscus bug	Southeastern field cricket
Buffalo treehopper	Honeylocust plant bug	Southern chinch bug
Clover mites	Horned squash bug	Southern green stink bug
Cicada killer	House cricket	Southern house spider
Cockroaches	Jerusalem crickets	Sowbugs
Common chinch bug	Jumping spider	Spiders
Conspere stink bug	Lantana lace bug	Spotted camel cricket
Corn field ant	Leaf cutter ants	Spring field cricket
Crane fly	Leaf cutter bees	Squash bug
Crazy ant	Leaffooted bug	Stink Bugs
Crickets	Leaffooted pine and seed bug	Sycamore lace bug
Cross orbweaver	Little black ant	Tarnished plant bugs
Dogwood spittlebug	Long legged spider	Threecornered alfalfa treehopper
Earwigs	Meadow spittlebug	Twolined spittlebug
Eggplant lace bug	Midges	Walnut lace bug
European earwig	Mormon cricket	Wasps
Fall field cricket	Mosquitoes	Western boxelder bug
False chinch bug	Mud dauber	Western conifer seed bug
Flies	Mullein bug	Western pine spittlebug
	Northern katydid	Western tarnished plant bug
	Oak lace bug	
	Oak treehopper	
	Oblong-winged katydid	
	Pale legume bug	
	Pennsylvania wood roach	
	Phlox plant bug	
	Odorous house ant	

HOW TO APPLY

Spray thoroughly beneath shrubs, around house foundation and in nearby tall grass or weeds. Cover evenly.

[ART]

Adjust spray nozzle to a coarse spray to reach down into tall grass.

1 gallon of spray treats 1,000 sq ft of ground.

[ART]

For severe infestation, repeat every 7 to 14 days not to exceed 11 applications per year.

LAWN PESTS**PESTS**

Alder spittlebug	Lantana lace bug
Andromeda lace bug	Lawn leafhopper
Ants	Leaf cutter ants
Army cutworm	Leaf cutter bees
Armyworm moth	Leaffooted bug
Armyworms	Leaffooted pine and seed bug
Ash plant bug	Little black ant
Assassin plant bug	Long legged spider
Azalea lace bug	Meadow spittlebug
Banks grass mite	Lesser corn stalk borer
Birch lace bug	May/June beetle
Black turfgrass Ataenius	Mole Crickets
Bluegrass Billbugs (adults)	Mormon cricket
Bluegrass webworm	Mullein bug
Boxelder stink bug	Northern katydid
Brown marmorated stink bug	Northern masked chafer
Brown stink bug	Northern mole cricket
Bumble flower beetle	Oak lace bug
Buffalo treehopper	Oak treehopper
Chiggers	Oblong-winged katydid
Chinch bugs	Oriental beetle
Clove mites	Pale legume bug
Common chinch bug	Phlox plant bug
Conspere stink bug	Redshouldered stink bug
Crickets	Rhododendron lace bug
Cutworms	Rose chafer
Dingy cutworm moth	Rough stink bug
Dogwood spittlebug	Saratoga spittlebug
Earwigs	Says stink bug
Eggplant lace bug	Short-winged mole cricket
European chafer	Small milkweed bug
Fall field cricket	Snowy tree cricket
False chinch bug	Sod webworms (lawn moths)
False Japanese beetle	Southeastern field cricket
Fire Ants	Southern green stink bug
Fleas	Southern chinch bug
Fourlined plant bug	Southern masked chafer
Garden flea hopper	Southern mole cricket
Gladiator katydid	Spotted camel cricket
Goldenrain tree bug	Spring field cricket
Grasshoppers	Squash bug
Gray lawn leafhopper	Stink Bugs
Green stink bug	Sycamore lace bug
Hairy chinch bug	Tawny mole cricket
Harlequin bug	Tarnished plant bug
Harvestmen	Threecornered alfalfa treehopper
Hawthorn lace bug	Ticks (including deer ticks)
Hibiscus bug	Twolined spittlebug
Honeylocust plant bug	Uhler stink bug

Horned squash bug House cricket Hyperodes weevils (adults) Japanese Beetles (adults) Jerusalem crickets Jumping spider	Walnut lace bug Western boxelder stink bug Western conifer seed bug Western pine spittlebug Western tarnished plant bug Western yellow striped army worm White head armyworm moth
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HOW TO APPLY

Use this hose-end sprayer. The goal is to have large droplets and enough spray to penetrate the lawn and reach the soil.
 Do not mow for one day after application.
 For severe infestation, repeat every 7 to 14 days; not to exceed 9 applications per year.

This product is ready to spray. Just attach this bottle to your hose according to directions. Water automatically mixes with the concentrate as you spray.

HOW TO ATTACH & SPRAY

1. Connect your garden hose to the bottle. Be sure the (color inserted here) water control valve on top of the spray nozzle is in the OFF position. [ART]	2. Turn on the water at faucet. Twist the small, star-shaped, (color inserted here) product-control button to align the flat portion with the lock tab. Push the button in to open. Be certain to choose the setting below which describes your use area. (See below) [ART]
For Use On Lawn Pests: Turn on water at faucet. Pull the small star-shaped, (color inserted here) product-control button out until it stops. Twist the (color inserted here) product control button so that the "L" on the product-control button is at the top of the control valve AND the product control valve is aligned with the flat portion of the lock tab. Push the button in to open. Proceed to Step #3/	For All Other Uses: Turn on water at faucet. Pull the small star-shaped, (color inserted here) product-control button out until it stops. Twist the (color inserted here) product-control button so that the "G" on the product-control button is at the top of the control valve AND the product control valve is aligned with the flat portion of the lock tab. Push the button in to open. Proceed to Step #3.
3. To begin spraying, point nozzle toward the area to be treated and turn the (Color) water control valve to the ON position. Tab will be horizontal. [ART]	4. To stop spraying, turn the (color) water control valve on top of the spray nozzle to OFF. To close, push in the small round button opposite the star-shaped product-control button. Turn off faucet. [ART]

TIPS FOR APPLYING

1. Extend hose to the farthest area to be treated and work back toward the faucet to avoid walking into wet, treated area. [ART]	2. Walk at a steady pace while spraying, using an even sweeping motion, slightly overlapping the treated areas. [ART]
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- People and pets must not reenter the treated area until after spray has dried.

NOTICE

Research and testing have determined that the "Directions for Use" are appropriate for the proper use of this product under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack of performance or safety if not used according to the directions.

Money back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

STORAGE AND DISPOSAL

Pesticide Storage

Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

Pesticide Disposal and Container Handling



If empty: Non-refillable container. Do not refill or reuse container. Place empty container in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency ~~or toll free 1-877-229-3724 [1-800-CLEAN-UP]~~ for disposal instructions. Never place unused product down any indoor or outdoor drain.

BioAdvanced® [and] [ERGO-GRIP®] [is/are] [a] registered trademark(s) of SBM Life Science Corp.

[Bianova Advanced™] [Fortifend Advanced™] [EZ-Grip™] [is/are] [a] trademark(s) of SBM Life Science Corp.

{Note to PM: Batch code to be added at time of production}

{Note to PM: Product name Tempo® Concentrate Insecticide will be replaced with marketed Alternate Brand Name [it] [this product].}

{Note to PM: Marketing may choose any pest(s) from this list.}

PRODUCED FOR [BY]
[DISTRIBUTED BY]
[GUARANTEED BY]

SBM Life Science Corp
1001 Winstead Drive, Suite 500
Cary, North Carolina 27513



[Marketing Claims]

1. Just One Application Quickly Kills [listed] [*] Insects
2. Keeps on Killing [listed] [insect] for up to 14 days
3. Kills over 60 Different Outdoor Listed [*] Insects
4. Treats [XXX] (depends on content) sq. ft. [For Lawns]
5. Fast Acting...Kills [listed] [insect] [by] [through] Contact
- *6. Long Lasting...Keeps on Killing [listed] [insect] for up to 14 days
- *7. Kills[*] [listed] [insect] [by] [through] contact plus protects for up to 2 weeks
8. Also kills fleas, ticks & 58 other listed [*] nuisance pests
9. This product-kills ants, fleas, ticks, mosquitoes and other listed [*] pests [by] [through] contact and keeps protecting for up to 2 weeks in a single application. No mixing and measuring hassles. No messy cleanup. Controlling annoying outdoor insects around your home has never been easier.
- *10. Protects [home lawns,] [fruits & nuts,] [vegetables,] [houseplants,] [roses,] [flowers,] [trees] [&] [shrubs] against [listed] [*] insects.
11. Kills [controls] [ants,] [aphids,] [chinch bugs,] [cutworms,] [fleas,] [mites,] [mosquitoes,] [sod webworms] [and] [other [listed] [*] insects]
12. Kills & Repels [listed] [*] bugs in your backyard [yard]!
13. Kills and repels mosquitoes
14. Kills [listed] [*] bugs fast
15. Controls [Kills] [ants,] [aphids,] [chinch bugs,] [cutworms,] [fire ants,] [fleas,] [beetles,] [grubs,] [mites,] [sod webworms] [and] [other [listed] [*] insects]
16. Kills & Repels mosquitoes, flies, ants, fleas, ticks (including those which may transmit Lyme Disease), and other [listed] [*] annoying pests!
17. Keeps killing [*] [listed] [insect] for up to 2 weeks
18. Kills [ants,] [fleas,] [bagworms,] [grasshoppers,] [mole crickets,] [chinch bugs,] [sod webworms,] [crickets,] [aphids,] [mosquitoes,] [and] [other [listed] [*] insects]
19. Just One Application Quickly Kills [listed] [*] insects
20. Kills [listed] [*] troublesome outdoor insects which destroy [lawns,] [roses,] [flowers,] [trees and shrubs,] [or] [annoy people or pets]
21. Keeps on Killing [listed] [insect] for up to 14 Days
22. Kills Over 100 Different [Listed] [*] Outdoor Insects
23. Kills Over 100 insects pests as [listed] [*]
24. Kills [Insects] [listed] [*] [by] [through] Contact
- *25. Kills Stink Bugs (including Brown Marmorated Stink Bugs)
26. Fast Acting...Kills [by] [through] Contact
27. Long Lasting for up to 2 weeks
28. Works in Hours
29. Quickly Stops Harmful [Listed] [*] Insects before they do damage
30. Effective Against a Broad Range of [Listed] [*] Pests
31. Protects your yard all weekend long
32. Won't wash away [in rain]
33. Do-it-yourself pest control
34. Just connect to your [garden] hose and spray
35. Low odor
36. For Use On: [Lawns,] [Ground Covers,] [Flowers,] [Shrubs,] [Trees,] [and] [Vegetables,] Around Homes
37. For Use Outdoors on lawns, Shrubs, Trees, and in Flower or Vegetable Gardens
- *38. For use around foundations and outside of home
39. Ready-To-Spray [Concentrate]
40. Ready-To-Spray...No Mixing, No Measuring (RTS)
41. Apply with Most Common Garden Sprayers
42. Rainproof in 1 hour
43. Rainproof within 1 hour of Application
44. Protects [house lawns,] [flowers,] [shrubs,] [and] [trees]
45. Water Based
46. Satisfaction guaranteed or your money back
47. Long Lasting – Nonstop protection for up to 2 weeks
48. 100% Satisfaction Guaranteed
49. This product-kills outdoor pests [by] [through] contact. Keeping your vegetable garden and lawn free of [listed] [*] pests has never been easier.
50. Simply hook to hose and spray (RTS)
51. Kills [aphids,] [Japanese beetles (adults),] [cutworms,] [tomato hornworms,] [and] [other [listed] [*] pests]
52. Also for use on lawns
53. Mix and spray (sprayer art)
54. Concentrate
55. Easy hold
56. EZ Spray
57. One-touch [sprayer]
58. EZ grip
59. Ergo grip
60. Simple spray
- EZ grip
- One touch
61. Spray n go

- 62. ~~•~~ Thumb switch
- 63. ~~•~~ Handy spray
- 64. ~~•~~ EZ touch
- 65. ~~•~~ One-touch application
- 66. ~~•~~ [XX%] More than [XX] oz. Size
- 67. ~~•~~ Bonus Size
- 68. ~~•~~ [XX%] More vs. [XX] oz. Size
- 69. ~~•~~ [XX] Ounces!
- 70. ~~•~~ Kills listed[*] insects in 24 hours
- 71. ~~•~~ Kills over 500 [400][450][550] listed[*] insects[!]
- 72. ~~•~~ Kills a wide variety of listed[*] pests [insects]
- 73. ~~•~~ Controls more than 500 [400][450][550] listed[*] insects

Marketing Claim for Brand Name Change:

- 1. ~~•~~ New Name. Same Great Results.
- 2. ~~•~~ New Name. Same Familiar Formula.
- 3. ~~•~~ New Name. Same Performance.

*listed  Note to PM: The word "listed" can appear as a footnote with the appropriate phrase, such as *listed pests/insects 

(Sub-Label B: Pump Sprayer/Hose-end Sprayer Sub-Label)
(Front Panel)

Tempo[®] Concentrate Insecticide

~~[ABN's:] Bayer Advanced Vegetable & Garden Insect Spray Concentrate; Bayer Advanced Complete Brand Insect Killer for Lawns; Bayer Advanced Insect Killer for Lawns; Bayer Advanced Tree & Shrub Insect Killer Spray Concentrate;~~

Bianova Advanced[™] Vegetable & Garden Insect Spray Concentrate_g

BioAdvanced[®] Vegetable & Garden Insect Spray Concentrate_g

BioAdvanced[®] Science-Based Solutions Vegetable & Garden Insect Spray Concentrate_g

Fortifend Advanced[™] Vegetable & Garden Insect Spray Concentrate_g

Bianova Advanced[™] Complete Brand Insect Killer for Lawns_g

BioAdvanced[®] Complete Brand Insect Killer for Lawns_g

BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Lawns_g

Fortifend Advanced[™] Complete Brand Insect Killer for Lawns_g

Bianova Advanced[™] Insect Killer for Lawns_g

BioAdvanced[®] Insect Killer for Lawns_g

BioAdvanced[®] Science-Based Solutions Insect Killer for Lawns_g

Fortifend Advanced[™] Insect Killer for Lawns_g

Bianova Advanced[™] Tree & Shrub Insect Killer Spray Concentrate_g

BioAdvanced[®] Tree & Shrub Insect Killer Spray Concentrate_g

BioAdvanced[®] Science-Based Solutions Tree & Shrub Insect Killer Spray Concentrate_g

Fortifend Advanced[™] Tree & Shrub Insect Killer Spray Concentrate_g

BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Soil & Turf Concentrate I_g

BioAdvanced[®] Science-Based Solutions 24 Hour Lawn Insect Control Concentrate_g

BioAdvanced[®] Science-Based Solutions 24 Hour Lawn Insect Killer Concentrate_g

For Use On: [Vegetables,] [Peanuts,] [Sunflowers,] [Grapes,] [Lawns,] [Ground Covers,] [Flowers,] [Shrubs,] [Trees,] [and] [Around Homes]

[Measure-Up[™] Cup]

[Exact Measure Every Time]

[CONCENTRATE KILLS LISTED [*] INSECTS RAINPROOF WITHIN 1 HOUR OF APPLICATION]

ACTIVE INGREDIENT:	
Cyfluthrin.....	0.75%
OTHER INGREDIENTS:	<u>99.25%</u>
TOTAL:	100.00%

0.0626 lbs cyfluthrin per gallon of product

Net Contents: 16 fl. oz. (473ml) or 32 fl. oz. (946 ml) or 40 fl. oz. (1,183ml)



**STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN**







CAUTION

See back panel for additional precautionary statements.

FOR OUTDOOR RESIDENTIAL USE ONLY

(BACK PANEL)

[This product kills listed  outdoor pests by contact. Keeping your [vegetable] garden and lawn free of listed  pests has never been easier. This product is ready to spray. Just attach this bottle to your hose according to directions. Water automatically mixes with the concentrate as you spray.]

QUICK FACTS	
Quickly Stops Harmful Listed[*] Insects Before They Do Damage Kills listed[*] insects [by] [through] contact and keeps [on] protecting for up to 2 weeks Effective Against a Broad Range of  Listed  Pests* Easy, Accurate Measuring & Mixing (Concentrate) Apply with most Common Garden Sprayers  Note to PM: May choose any claim on marking claim list. 	
KILLS	Aphids, Caterpillars, Japanese beetles (adults), Leaf-feeding beetles, Stink Bugs (including Brown Marmorated Stink Bugs), Whiteflies, and other listed [*] pests.
COVERAGE	[Makes up to 64 gallons of spray (32 fl oz size) (For Vegetable and Ornamental Applications)] Covers 5,333 sq ft (32 fl oz size) (Lawn Application) [Covers 6,665 sq ft (40 fl oz size)(Lawn Application)]
WHERE TO USE	[Vegetables], [Lawns], [Ground Covers], [Flowers], [Shrubs], [Trees], [and] [around Homes]
WHEN TO USE	When insects or insect damage first appear
HOW MUCH TO USE	For [Vegetable and Ornamental applications] [For Residential Nuisance Pests Outdoors applications], dilute 1/2 fl oz (1 Tablespoon) per gallon of water. [For Lawn Pests, dilute 3 fl oz (6 Tablespoons) per gallon of water.]
WHEN TO HARVEST	See plant specific restrictions for pre-harvest interval. If no pre-harvest interval is listed, the product may be applied up to and including day of harvest.
 	For questions or comments, call toll-free 1-877-229-3724 or visit our website at [www.BioAdvanced.com]

ACTIVE INGREDIENT:

Cyfluthrin..... 0.75 %

OTHER INGREDIENTS:..... 99.25 %

TOTAL:..... 100.00 %

[Cyfluthrin is the chemical name for Tempo®]

**EPA Reg. No. 92564-17
XXXX-AA-1**

EPA Est. No.

+ FIRST AID

If swallowed	<ul style="list-style-type: none">• Call a 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 a poison control center or doctor• Do not give anything by mouth to an unconscious person
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eyes• Call a poison control center or doctor for treatment advice
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible• Call a poison control center or doctor for further treatment advice

NOTE: When calling poison control center, have this product label accessible. If seeking treatment at an emergency room or doctor's office, bring this product label to show medical personnel. You may call toll-free (877) 229-3763 for medical emergency information.

Active Ingredient: 0.75% Cyfluthrin [CAS # 68359-37-5]

Note to Physician: No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Harmful if swallowed or inhaled
- Causes eye irritation
- Avoid contact with skin, eyes, or clothing
- Wash thoroughly with soap and water after handling
- Do not use kitchen utensils for measuring. Keep utensils used for measuring with product and away from children

ENVIRONMENTAL HAZARDS

- This pesticide is toxic to fish and other aquatic organisms.
- This pesticide is highly toxic to bees exposed to direct treatment or residues on plants or weeds. Do not apply Tempo® Concentrate Insecticide or allow it to drift onto plants or weeds on which bees are actively foraging.
- 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.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.
For best results, read and follow all label directions.

BEFORE YOU USE

Read and follow these directions when using:

- Apply the product to flowering plants during early morning or late evening, when bees are not present.
- Do not spray the product into fish pools, ponds, streams, or lakes.
- Remove animal feeding dishes prior to application. Keep children and pets away from treated areas until spray has dried.
- Do not water the treated area to the point of run-off.
- Do not make application during rain.
- All outdoor applications must be limited to spot or crack and crevice treatments only, except for following permitted uses:
 - (1) Treatment to soil or vegetation around structures;
 - (2) Applications to lawns, turf, 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 such as sidewalks, driveways, patios, porches and structural surfaces (such as windows, doors, and eaves) are limited to spot and crack and crevice applications, only.
- 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 the product to enter any drain during or after application.

WHEN TO USE

Spray when insects or damage first appear. Refer to specific use area for additional instructions.

MIXING & MEASURING

SEE SPRAYER TYPES

HOW MUCH TO USE

For [Vegetable and Ornamental applications] [For Residential Nuisance Pests Outdoors applications], dilute 1/2 fl oz (1 Tablespoon) per gallon of water. For [Lawn Pests], dilute 3 fl oz (6 Tablespoons) per gallon of water.

HOW TO SPRAY


Shake Well Before Using

Adjust nozzle on your sprayer to desired spray pattern.

Hold sprayer about 12 inches from foliage.

Spray leaves and tender new shoots.

[ART]: of steps above

To kills listed  insects that may hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray, but not dripping.

[ART]: spraying undersides of leaves

Peanut**PESTS CONTROLLED**

Armyworm (1 st and 2 nd instar)	Erebine moths	Introduced Basswood thrips	Sweetpotato Whitefly
Ash whitefly	Eublemmine moths	Litter moths	Threecornered alfalfa hopper
Azalea whitefly	Fall armyworm (1 st and 2 nd instar)	Onion thrips	Tiger and Lichen moths
Banded Greenhouse thrips	Gladiolus thrips	Potato leafhopper	Tobacco thrips
Bandwinged whitefly	Grass thrips	Rednecked peanut worm	Thrips
Bean leaf beetle	Green cloverworm	Rivuline moths	Vegetable weevil
Beet armyworm (1 st and 2 nd instar)	Greenhouse thrips	Scolecocampine moths	Velvetbean caterpillar
Citrus blackfly	Greenhouse whitefly	Silverleaf whitefly	Western Flower thrips
Cutworms	Grape colaspis (adult)	Southern armyworm (1 st and 2 nd instar)	Whitefringed beetle (adult)
Corn earworm	Grasshoppers	Stink bugs	Whitefly (adult)
Corn rootworms (adult)	Hypenini moths	Soybean looper	
	Hypenodine moths		
	Japanese beetle (adult)		
	June beetle (adult)		

Restrictions:

Pre-harvest Interval: Do not harvest until at least 14 days after application.

Do not spray more than 3 times per year.

Sunflowers**PESTS CONTROLLED**

Army Cutworm	Grasshoppers	Sunflower Borer Moth	Sunflower beetle
Banded sunflower moth	Green Cutworm Moth	Sunflower midge	Stink bugs
Bristly Cutworm Moth	Palestriped flea beetle	Sunflower moth	Sunflower bud moth
Cutworms	Rigid Sunflower Borer Moth	Sunflower seed weevil	Sunflower headclipping weevil
Dingy Cutworm Moth	Speckled Cutworm Moth	Sunflower stem weevil (adult)	Yellow-Headed Cutworm Moth
Glassy Cutworm			

Restrictions:

Pre-harvest Interval: Do not harvest until at least 30 days after application.

Do not spray more than 3 times per year.

Brassica (Cole) Leafy Vegetables:

Broccoli, Broccoli raab (rapini), Chinese (gai lon) broccoli, Brussels sprouts, Cabbage, Chinese (bok choy) cabbage, Chinese (napa) cabbage, Chinese mustard (gai choy) cabbage, Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens, and Turnip greens.

PESTS

Alfalfa looper	Corn earworm	Japanese beetle (adult)	Southern armyworm (1 st and 2 nd instar)
Army Cutworm	Cutworms	Large Orange Sulphur	Speckled Cutworm Moth
Armyworm (1 st and 2 nd instar)	Dainty Sulphur	Little Yellow	Southern cabbageworm
Ash whitefly	Dame's Rocket Moth	Lyside Sulphur	Southern Dogface
Banded Greenhouse thrips	Desert Marble	Lygus bug	Southern Rocky Mountain Orangetip
Bandwinged whitefly	Desert Orangetip	Margined White	Southwestern Orangetip
Barred Yellow	Dingy Cutworm Moths	Meadow spittlebug	Stella Orangetip
Becker's White	Falcate Orangetip	Mead's Sulphur	Stink bugs
Beet armyworm (1 st and 2 nd instar)	Diamondback moth (larvae)	Mexican Yellow	Sweetpotato whitefly
Bristly Cutworm Moth	Fall armyworm (1 st and 2 nd instar)	Mimosa Yellow	Tailed Orange
Cabbage aphid	Florida White	Mustard White	Tarnished plant bug
Cabbage flea beetle	Gladiolus thrips	Olympia Marble	Thrips
Cabbage looper	Glassy Cutworm	Onion thrips	Tobacco thrips
Cabbage webworm	Grass thrips	Orange-barred Sulphur	Vegetable weevil (adult)
Cabbage White	Grasshoppers	Orange Sulphur	West Virginia White
California Dogface	Great Southern White	Pacific Orange Tip	Western Flowers thrips
California Marble	Green Cutworm Moth	Pelidne Sulphur	Western White
Checkered White	Greenhouse thrips	Pine White	White Angled-Sulphur
Citrus blackfly	Greenhouse whitefly	Pink-Edged Sulphur	Whitefly (adult)
Clouded Sulphur	Introduced basswood thrips	Potato leafhopper	Yellow Headed Cutworm Moth
Cloudless Sulphur	Imported cabbageworm	Purple-Backed Cabbage	Yellowstriped armyworm (1 st and 2 nd instar)
Common Looper Moth		Queen Alexandria's Sulphur	
		Sleepy Orange	
		Silverleaf whitefly	
		Spring White	

Restrictions:

Do not spray more than 4 times per year.

Cucurbits (except crops grown for seed):

Balsam apple, Balsam pear, Bitter melon, Chayote, Chinese cucumber, Chinese waxgourd (Chinese preserving melon), Citron melon, Cucumber, Gherkin, Edible gourd (includes: hyotan, cucuzza, henchmia and Chinese okra), Muskmelon (includes: cantaloupe, true cantaloupe, casaba, crenshaw melon, golden pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon), Pumpkin, Summer squash (includes: crookneck squash, scallop squash, straightneck squash, vegetable marrow, and zucchini), Watermelon, Winter squash (includes: butternut squash, calabaza, hubbard squash, acorn squash and spaghetti squash)

PESTS

Armyworm (1 st and 2 nd instar)	Citrus blackfly	Pickleworm	Sweetpotato whitefly
Ash whitefly	Corn earworm	Potato leafhopper	Tarnished plant bug
Aster leafhopper	Cutworms	Rindworm	Tobacco budworm
Azalea whitefly	Cucumber beetle	Silverleaf whitefly	Variegated leafhopper
Bandwinged whitefly	Grasshoppers	Stink bugs	Whitefly (adult)
Beet leafhopper	Greenhouse whitefly	Stripped cucumber beetle	
Cabbage looper	Lygus bug		
	Melonworm		

Restrictions:

Do not spray more than 4 times per year.

Fruiting Vegetables

Eggplant, Groundcherry, Pepino, Pepper (includes: bell pepper, chili pepper, cooking pepper, pimento, sweet pepper), Tomatillo, and Tomato

PESTS

Army cutworm	Common looper moth	Potato aphid	Tomato hornworm
Armyworm moth	Dingy cutworm moths	Potato leafhopper	Tomato pinworm
Ash whitefly	European corn borer	Silverleaf whitefly	Variegated cutworm
Aster leafhopper	Flea beetles	Southern armyworm (1 st and 2 nd instar)	Variegated leafhopper
Azalea whitefly	Garden Tortrix	Speckled cutworm moth	Velvetbean Caterpillar
Banded greenhouse thrips	Garden webworm	Speckled green fruitworm moth	Whitefly (adult)
Beet armyworm (1 st and 2 nd instar)	Gladiolus thrips	Stink bugs (including Brown Marmorated Stink Bugs)	Western flower thrips
Beet leafhopper	Glassy cutworm	Sweetpotato whitefly	Western yellowstriped armyworm (1 st and 2 nd instar)
Bristly cutworm moth	Green cutworm moth	Tarnished plant bug	Yellow-headed cutworm moth
Bunchberry Leaf folder moth	Green peach aphid	Thrips (except <i>Thrips palmi</i>)	
Cabbage looper	Greenhouse thrips	Tomato fruitworm (corn earworm)	
Celery leaf tier	Greenhouse whitefly	Tobacco budworm moth	
Colorado potato beetle	Grass thrips	Tobacco thrips	
Citrus blackfly	Gray looper moth	Tomato fruitworm (corn earworm)	
	Introduced basswood thrips		
	Leafminers		
	Onion thrips		
	Pepper weevil		

Restrictions:

Pre-harvest Interval: Do not harvest until at least 7 days after application, except for tomato, which has no PHI.

Do not spray more than 6 times per year.

Leafy Vegetables:

Amaranth (Chinese spinach), Arugula (rouquette), Cardoon, Celery, Chinese celery, Celtuce, Chervil, Chrysanthemum (edible-leaved and garland), Corn salad, Cress (garden and upland), Dandelion, Dock (sorrel), Endive (escarole), Florence fennel, Lettuce (head and leaf), New Zealand spinach, Orach, Parsley, Purslane (garden and winter), Radicchio (red chicory), Rhubarb, Spinach, Swiss chard, Vine spinach

PESTS

Alfalfa looper	Common looper moth	Green cutworm moth	Stink bugs
Army cutworm	Corn earworm	Green peach aphid	Sweetpotato whitefly
Armyworm moth	Cutworms	Greenhouse thrips	Tarnished plant bug
Ash whitefly	Dame's Rocket moth	Greenhouse whitefly	Thrips
Aster leafhopper	Diamondback moth (larvae)	Imported cabbageworm	Tobacco thrips
Azalea whitefly	Dingy cutworm	Introduced basswood thrips	Varigated leafhopper
Banded greenhouse thrips	European corn borer	Japanese beetle (adult)	Vegetable weevil (adult)
Bandwinged whitefly	Fall armyworm (1 st and 2 nd instar)	Leafhoppers	Velvetbean caterpillar
Beet armyworm (1 st and 2 nd instar)	Flea beetles	Lygus bug	Western flower thrips
Beet leafhopper	Garden tortrix	Meadow spittlebug	Western yellow striped armyworm
Bristly cutworm moth	Gladiolus thrips	Onion thrips	Whitefly (adult)
Cabbage looper	Glassy cutworm	Potato leafhopper	Yellow-headed cutworm moth
Celery looper	Grass thrips	Saltmarsh caterpillar	Yellowstriped armyworm (1 st and 2 nd instar)
Citrus blackfly	Grasshoppers	Silverleaf whitefly	
	Gray looper moth	Southern armyworm (1 st and 2 nd instar)	
	Green cloverworm	Speckled cutworm moth	

Restrictions:

Do not spray more than 4 times per year.

Potato and Other Tuberous and Corm Vegetables:

Arracacha, Arrowroot, Artichoke (Chinese and Jerusalem), Edible canna, Cassava (bitter and sweet), Chayote root, Chufa, Dasheen (taro), Ginger, Leren, Potato, Sweet potato, Tanier, True yam, Turmeric, Yam bean

PESTS

Aphids	Cotton/melon aphid	Oleander aphid	Sweetpotato weevil (adults)
Apple aphid	Crapemyrtle aphid	Pea aphid	Tarnished plant bug
Aster leafhopper	Cutworms	Potato flea beetle	Varigated leafhopper
Beech blight aphid	Elm leaf aphid	Poplar leaf aphid	
Beet leafhopper	European corn borer	Potato aphid	
Cabbage aphid	Flea beetles	Potato psyllid	
Cabbage looper	Foxglove aphid	Potato leafhopper	
Chrysanthemum aphid	Green peach aphid	Potato tuberworm	
Colorado potato beetle	Leafcurl ash aphid	Rose aphid	
Restrictions:			
Do not spray more than 6 times per year.			

Root Vegetables (except sugarbeet):			
Garden beet, Edible burdock, Carrot, Celery, Celeriac, Turnip-rooted chervil, Chicory, Ginseng, Horseradish, Turnip-rooted parsley, Parsnip, Radish, Oriental radish, Rutabaga, Salsify (black, Spanish, and oyster plant), Skirret, Turnip			
PESTS			
Aster leafhopper	Carrot weevil	Flea beetles	Potato leafhopper
Beet leafhopper	Cutworms	Hawaiian beet webworm	Root collar borer
Restrictions:			
Do not spray more than 5 times per season.			
Sweet Corn			
PESTS			
Army cutworm	Corn silk fly	Japanese beetle (adult)	Southwestern corn borer
Armyworm (1 st and 2 nd instar)	Dingy cutworm moths	June beetle (adult)	Speckled cutworm moth
Bean leaf beetle	European corn borer	Leafhoppers	Spotted cucumber beetle
Black cutworm	Fall armyworm (1 st and 2 nd instar)	Lesser corn stalk borer	Stalk borer
Bristly cutworm moth	Flea beetle	Masked chafer (adult)	Stalk borer moth
Cereal leaf beetle	Glassy cutworm	Northern corn rootworm	Stink bugs
Chinch bug	Granulate cutworm	Redheaded flea beetle	Webworm
Click beetle (adult)	Grape colaspis (adult)	Sand hill cutworm	Western bean cutworm
Corn flea beetle	Grasshoppers	Southern armyworm (1 st and 2 nd instar)	Western corn rootworm
Corn earworm	Green cutworm moth	Southern corn leaf beetle	Western yellow striped armyworm
Corn rootworms (adult)			Yellowstriped armyworm (1 st and 2 nd instar)
Restrictions:			
Do not spray more than 10 times per year.			

Grapes			
Includes: Table grape, Raisin, Wine and Muscadine grape			
PESTS			
Climbing cutworm	Grape flea beetle	Grape mealybug (crawlers)	Orange tortrix
Grape berry moth	Grape leaffolder moth	Glassywinged sharpshooter	Thrips
Grape bud beetle	Grape leafhopper	Grape leaf skeletonizer	Variegated leafhopper
Grape cane gallmaker (adult)	Grape leafroller	Omnivorous leafroller	Western grape leaf skeletonizer
Grape curculio			
Restrictions:			
Pre-harvest Interval: Do not harvest until at least 3 days after application.			
Do not spray more than 4 times per year.			
FOR BEST RESULTS:			
Do not water the foliage within one hour after applying. To avoid serious damage to plants, eliminate pests early in the season before they multiply.			

FLOWERS, TREES, SHRUBS, GROUND COVERS

PESTS

Abrupt Epiblema Moth	Garden flea hopper	Red Pine Shoot Moth
Alder spittlebug	Gladiolus thrips	Redshouldered stink bug
Alfalfa Looper	Glassy Cutworm	Red turnip beetle
Alfalfa weevil	Glassy winged sharpshooter	Rhododendron lace bug
Alligator Weed Stem Borer Moth	Goldenrain tree bug	Rigid Sunflower Borer Moth
American bird grasshopper	Goldenrod Gall Moth	Rivuline moths
Andromeda lace bug	Granary weevil	Root Collar Borer
Angular Aethes	Grape bud beetle	Rose aphid
Aphids	Grape curculio	Rose chafer
Apple aphid	Grape flea beetle	Rose curculio
Apple curculio	Grape leafhopper	Rose leafhopper
Apple leafhopper	Grasshoppers	Rose midge
Apple Sphinx	Grass thrips	Rough stink bug
Arborvitae weevil	Gray-banded Leafroller	Sallow Moths
Arch Moths	Gray-blotched Epiblema	San Jose scale
Army Cutworm	Gray Dagger Moth	Saratoga spittlebug
Ash plant bug	Gray Half Spot Moth	Says stink bug
Ash whitefly	Gray lawn leafhopper	Scale (crawler stages)
Asiatic garden beetle	Gray Looper Moth	Scale Feeding Snouth Moth
Asiatic oak weevil	Green Cutworm Moth	Sculptured Moth
Asparagus beetle	Green fruit beetle	Scolecocampine moths
Assassin plant bug	Greenhouse thrips	Serviceberry Leafroller
Aster-head Phaneta Moth	Greenhouse whitefly	Shagbark Hickory Leafroller Moth
Aster leafhopper	Green Leuconycta Moth	Silverleaf whitefly
Azalea bark scale	Green peach aphid	Sleepy Orange
Azalea lace bug	Green stink bug	Small Bird-Dropping Moth
Azalea whitefly	Gypsy moth larvae	Snowy-shouldered Acleris Moth
Bagworms	Gypsy moth	Solidago Eucosma
Bald Cypress Coneworm Moth	Hairy chinch bug	Southeastern Lubber grasshopper
Banded greenhouse thrips	Half Yellow Moth	Southern chinch bug
Banded range grasshopper	Harlequin bug	Southern Coastal Coneworm Moth
Bandwinged whitefly	Hawthorn lace bug	southern garden leafhopper
Bare-patched Oak Leafroller	Hawthorne mealybug	Southern green stink bug
Bayberry Leaf-tier	Hemispherical scale	Southern masked chafer
Bean leaf beetle	Hibiscus bug	Southern Pine Catkinworm Moth
Beech blight aphid	Hickory Leafroller Moth	Southern Pineconeworm Moth
Beech scale	Hickory Shuckworm Moth	Southern Spragveia
Beet leafhopper	Honeylocust leafhopper	Speckled Cutworm Moth
Bidens Borer Moth	Honeylocust plant bug	Speckled Green Fruitworm Moth
Birch lace bug	Horned squash bug	Speckled Sereda Moth
Black-Bordered Lemon Moth	Horse lubber grasshopper	Spittlebugs
Black-blotched Bactra Moth	Hunting billbug	Spotted asparagus beetle
Black-crescent Proteoteras	Hypenines Moths	Spotted cucumber beetle
Black Dash Epinotia Moth	Hypenodine Moths	Spotted Fireworm Moth
Black-headed Birch Leaf folder Moth	Iris Borer Moth	Squash bug
Black-Patched Graylet	Imported willow leaf beetle	Stalk Borer Moth
	Introduced basswood thrips	Stink Bugs
	Inornate Olereutes	

Black turfgrass Ataenius	Jack Pine Budworm Moth	Strawberry flea beetle
Black scale	Japanese beetle (adults)	Strawberry root weevil
Black vine weevil	Kimball's Leafroller Moth	Striped Birch Pyralid Moth
Black Wedge Spot	Labyrinth Moth	Striped cucumber beetle
Bluegrass billbug	Lace bugs	Striped flea beetle
Boldly-marked Archips	Lacuna Moth	Sunflower beetle
Bougainvillea Caterpillar Moth	Lantana lace bug	Sunflower Borer Moth
Boxelder bugs	Lantana Leaf-tier Moth	Sunflower head clipping weevil
Bristly Cutworm Moth	Lantana Moth	Sunflower seed weevil
Broad-patch Carolella Moth	Large Mossy Lithacodia	Sunflower stem weevil
Brown marmorated stink bug	Larger elm leaf beetle	Sweetgum Leafroller Moth
Brown soft scale	Laurel Sphinx	Sweetpotato leaf beetle
Brown stink bug	Lawn leafhopper	Sweet potato weevil
Bumble flower Beetle	Leafcurl ash aphid	Sweetpotato whitefly
Buffalo treehopper	Leaf-feeding caterpillars	Sycamore lace bug
Buff-tipped Phaneta Moth	Leaffooted bug	Sycamore leaf beetle
Bunchberry Leaf folder Moth	Leaffooted pine and seed bug	Sycamore Webworm Moth
Cabbage aphid	Leaf-feeding beetles	Tailed Orange
Cabbage flea beetle	Leafhoppers (Including Glassy-winged Sharpshooter)	Tarnished plant bugs
Cactus Moth	Lesser Loblolly Pineconeworm Moth	Tea scale
Calico scale	Litter moths	Tent caterpillars
Canadian Sonia	Little Cloud	The Astonomer Moth
Carmine Snout Moth	Little Yellow	Threecornered alfalfa treehopper
Carolina grasshopper	Locust Leafroller Moth	Thrips
Carolina Sphinx	Locust Twig Borer Moth	Tiger and Lichen Moths
Carrot Beetle	Long Palps Peoria Moth	Tobacco Budworm Moth
Cereal leaf beetle	Longtailed mealybug	Tobacco flea beetle
Chrysanthemum aphid	Lubber grasshopper	Tobacco thrips
Citrus mealybug	Macrame Moth	Tortoise beetles (6 species)
Citrus blackfly	Madiera mealybug	Triangle-backed Eucosma
Click beetle/wireworms	Magnolia scale	Tufted Bird-Dropping Moth
Clover Hayworm Moth	Maple-basswood Leafroller Moth	Tussock moths
Clover mites	Maple Bud Borer Moth	Twobanded Japanese weevil
Codling Moth	Maple Leaf-tier	Twolined spittlebug
Colorado potato beetle	Maple mealybug	Two striped grasshopper
Common chinch bug	Maple Tip Borer Moth	Two-striped walkingstick
Common Spragveia	Maple Trumpet Skeletonizer Moth	Ugly-Nest Caterpillar Moth
Conspere stink bug	Maple Webworm Moth	Variable Nigranum
Corn flea beetle	Marbled-Green Leuconycta Moth	Varigated leafhopper
Comstock mealybug	Masked Leafroller	Vegetable weevil
Constricted Sonia Moth	May/June Beetle	Velvetbean Catterpillar
Cotton/melon aphid	Mealybugs	Verbena Bud Moth
Cottonwood leaf beetle	Meadow spittlebug	Viburnum leaf beetle
Cottony maple scale	Mexican bean beetle	Wainscot Moths
Cottony camelia scale	Mimosa Yellow	Walkingstick
Cottony cushion scale	Mullein bug	Walnut lace bug
Crapemyrtle aphid	Multicolored Asian lady beetle	Water Lily Leaf Cutter Moth
Crapemyrtle scale	Nantucket Pine Tip Moth	Waterlily Moth
Crescent-Winged Caudellia Moth	Night Wandering Dagger Moth	
	Northern Burdock Borer Moth	
	Northern corn rootworm	
	Northern masked Chafer	
	Oak lace bug	
	Oak Leafroller Moth	

Cucumber beetle Dainty Sulphur Dagger Moths Darker Moodna Moth Dame's Rocket Moth Delightful Bird Dropping Moth Denver billbug Diaprepes root weevil Differential grasshopper Dingy Cutworm Moths Dogwood spittlebug Dotted Ecdytoplopha Moth Dotted Graylet Dusky Leafroller Eggplant lace bug Eight Spot Elm calligrapha/linden leaf beetle Elm leaf aphid Elm Leaf-tier Elm leaf beetles Erebine moths Eubleminine moths Euonymous scale European chafer European elm scale Evergreen Coneworm Moth Exposed Bird-Dropping Moth Eye-spotted Bud Moth Fall webworm False chinch bug False Japanese Beetle Filbertworm Moth Filigreed Chimoptesis Fingered Dagger Moth Fletcher scale Fourlined plant bug Four-Spotted Bird-Dropping Moth Foxglove aphid Fruit-tree Leafroller moth Fuller rose beetle	Oak Leaf-tier Moth Oak treehopper Oak Trumpet Skeletonizer Moth Obscure mealybug Obscure root weevil Oleander aphid Onion thrips Oriental beetle Owl-Eyed Bird-Dropping Moth Oystershell scale Painted leafhopper Pale Glyph Moth Pale legume bug Palestriped flea beetle Palm Bud Moth Panther spotted grasshopper Pea aphid Pecan Bud Moth Pecan weevil Pepper weevil Phlox plant bug Pillbugs Pine needle scale Pine Tube Moth Pine Webworm Moth Pinion Moths Pink-Washed Leafroller Pitch Pine Tip Moth Pitch Twig Moth Plum curculio Ponderosa Pineconeworm Moth Poplar leaf aphid Poplar Leafroller Potato flea beetle Potato leafhopper Prairie walkingstick Privet leafhopper Pygmy grasshopper Red banded Leafroller Moth Redheaded flea beetle Red legged grasshopper	Wedgling Moth Western boxelder bug Western conifer seed bug Western corn rootworm Western flower thrips Western pine spittlebug Western tarnished plant bug Western Yellow Striped Army Worm White apple leafhopper White Edge Whiteflies White fringed beetle White Head Armyworm Moth White-Lined Graylet White-lined Leafroller White Pine Cone Borer White-spotted Hedya Wild Cherry Sphinx Woods weevil Woolly-backed Moth Woolly alder aphid Woolly apple aphid Woolly pear aphid Woolly elm aphid Yellow-Headed Cutworm Moth Yellow poplar weevil Yellow-Spotted Graylet Zimmerman Pine Moth
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HOW TO APPLY

Spray foliage, tender new shoots and the underside of leaves thoroughly.
To Kill insects that hide, spray the underside of the leaves. Apply until leaves are evenly coated with spray droplets, but not dripping.
(ART)
For severe infestation, repeat every 7 to 14 days not to exceed 11 applications per year.

RESIDENTIAL [NUISANCE] PESTS OUTDOORS

PESTS

Ainsley's springtail	Flies	Phlox plant bug
Alder spittlebug	Fourlined plant bug	Odorous house ant
Andromeda lace bug	Funnel spider	Orb-web weaver spider
Ants	Garden fleahopper	Pillbugs
Ash plant bug	Giant house spider	Redshouldered stink bug
Assassin plant bug	Gladiator katydid	Rhododendron lace bug
Azalea lace bug	Goldenrain tree bug	Ringlegged earwig
Banks grass mite	Grass spider	Rough stink bug
Big headed ant	Green stink bug	Saratoga spittlebug
Birch lace bug	Hairy chinch bug	Says stink bug
Boxelder bugs	Harlequin bug	Seashore springtail
Brown marmorated stink bug	Harvestmen	Small milkweed bug
Brown stink bug	Hawthorn lace bug	Snow flea springtail
Buffalo treehopper	Hibiscus bug	Snowy tree cricket
Clover mites	Honeylocust plant bug	Southeastern field cricket
Cicada killer	Horned squash bug	Southern chinch bug
Cockroaches	House cricket	Southern green stink bug
Common chinch bug	Jerusalem crickets	Southern house spider
Conspere stink bug	Jumping spider	Sowbugs
Corn field ant	Lantana lace bug	Spiders
Crane fly	Leaf cutter ants	Spotted camel cricket
Crazy ant	Leaf cutter bees	Spring field cricket
Crickets	Leaffooted bug	Squash bug
Cross orbweaver	Leaffooted pine and seed bug	Stink Bugs
Dogwood spittlebug	Little black ant	Sycamore lace bug
Earwigs	Long legged spider	Tarnished plant bugs
Eggplant lace bug	Meadow spittlebug	Threecornered alfalfa treehopper
European earwig	Midges	Twolined spittlebug
Fall field cricket	Mormon cricket	Walnut lace bug
False chinch bug	Mosquitoes	Wasps
	Mud dauber	Western boxelder bug
	Mullein bug	Western conifer seed bug
	Northern katydid	Western pine spittlebug
	Oak lace bug	Western tarnished plant bug
	Oak treehopper	
	Oblong-winged katydid	
	Pale legume bug	
	Pennsylvania wood roach	

HOW TO APPLY

Spray thoroughly beneath shrubs, around house foundation and in nearby tall grass or weeds. Cover evenly.

(ART)

Adjust spray nozzle to a coarse spray to reach down into tall grass.

1 gallon of spray treats 1,000 sq ft of ground.

(ART)

For severe infestation, repeat every 7 to 14 days not to exceed 11 applications per year.

LAWN PESTS (3 fl oz per gallon of water (covers 500 sq ft))**PESTS**

Alder spittlebug	Lantana lace bug
Andromeda lace bug	Lawn leafhopper
Ants	Leaf cutter ants
Army cutworm	Leaf cutter bees
Armyworm moth	Leaffooted bug
Armyworms	Leaffooted pine and seed bug
Ash plant bug	Little black ant
Assassin plant bug	Long legged spider
Azalea lace bug	Meadow spittlebug
Banks grass mite	Lesser corn stalk borer
Birch lace bug	May/June beetle
Black turfgrass Ataenius	Mole Crickets
Bluegrass Billbugs (adults)	Mormon cricket
Bluegrass webworm	Mullein bug
Boxelder stink bug	Northern katydid
Brown marmorated stink bug	Northern masked chafer
Brown stink bug	Northern mole cricket
Bumble flower beetle	Oak lace bug
Buffalo treehopper	Oak treehopper
Chiggers	Oblong-winged katydid
Chinch bugs	Oriental beetle
Clove mites	Pale legume bug
Common chinch bug	Phlox plant bug
Conspere stink bug	Redshouldered stink bug
Crickets	Rhododendron lace bug
Cutworms	Rose chafer
Dingy cutworm moth	Rough stink bug
Dogwood spittlebug	Saratoga spittlebug
Earwigs	Says stink bug
Eggplant lace bug	Short-winged mole cricket
European chafer	Small milkweed bug
Fall field cricket	Snowy tree cricket
False chinch bug	Sod webworms (lawn moths)
False Japanese beetle	Southeastern field cricket
Fire Ants	Southern green stink bug
Fleas	Southern chinch bug
Fourlined plant bug	Southern masked chafer
Garden fleahopper	Southern mole cricket
Gladiator katydid	Spotted camel cricket
Goldenrain tree bug	Spring field cricket
Grasshoppers	Squash bug
Gray lawn leafhopper	Stink Bugs (including Brown Marmorated Stink Bugs)
Green stink bug	Sycamore lace bug
Hairy chinch bug	Tawny mole cricket
Harlequin bug	

<p>Harvestmen Hawthorn lace bug Hibiscus bug Honeylocust plant bug Horned squash bug House cricket Hyperodes weevils (adults) Japanese Beetles (adults) Jerusalem crickets Jumping spider</p>	<p>Tarnished plant bug Threecornered alfalfa treehopper Ticks (including deer ticks) Twolined spittlebug Uhler stink bug Walnut lace bug Western boxelder stink bug Western conifer seed bug Western pine spittlebug Western tarnished plant bug Western yellow striped army worm White head armyworm moth</p>
<p>HOW TO APPLY</p>	
<p>Use a hose-end sprayer. The goal is to have large droplets and enough spray to penetrate the lawn and reach the soil. Do not mow for one day after application. For severe infestation, repeat every 7 to 14 days not to exceed 9 applications per year.</p>	

SPRAYER TYPES
[ART: ICON OF PUMP TYPE]
For Pump Style Tank Sprayer:
To make one gallon of spray: <ol style="list-style-type: none"> 1. [Open flip-top lid] 2. [Gently squeeze bottle until concentrate reaches 1/2 fl oz fill line] 3. [Dilute 1/2 fl oz (1 Tablespoon) of the liquid concentrate per gallon of water] for RESIDENTIAL [NUISANCE] PESTS OUTDOORS 4. [Dilute] [3 fl. oz. (6 tablespoons)] of the liquid concentrate per gallon of water for LAWN PESTS 5. Close sprayer and shake well before applying.

[ART: ICON OF DIAL TYPE]
For Dial-Style Hose-End Sprayers:
[Dilution rate: 1/2 fl oz per gallon (1 Tablespoon = 1/2 fl oz)] [Dilution rate: 3 fl. oz. per gallon (6 tablespoons)] Dilution rate: For [Vegetable and Ornamental applications] [For Residential Nuisance Pests Outdoors applications], apply 1/2 fl oz (1 Tablespoon) per gallon of water. For [Lawn Pests], apply 3 fl oz (6 Tablespoons) per gallon of water.
<ol style="list-style-type: none"> 1. Fill sprayer jar with enough concentrate for the area to be treated. DO NOT ADD WATER. 2. Close sprayer and set dial as recommended below: <ul style="list-style-type: none"> ()Ortho Dial 'N Spray Setting: 1 TBSP (1/2 fl oz) for RESIDENTIAL [NUISANCE] PESTS OUTDOORS and 3 fl oz (6 TBS) for LAWN PESTS ()Chameleon Hose-End Sprayer Setting: 1 TBSP (1/2 fl oz) for RESIDENTIAL [NUISANCE] PESTS OUTDOORS and 3 fl oz (6 TBS) for LAWN PESTS TIP: The numbers on dial indicate amount of concentrate per gallon of spray. 3. Hook to garden hose and apply. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray. 4. Pour any unused product back into this original container.

[ART: ICON OF Concentrate Plus Water Hose End TYPE]
For Concentrate-Plus-Water Hose-End Sprayers:
[Dilution rate: 1/2 fl oz per gallon (1 Tablespoon = 1/2 fl oz)] [Dilution rate: 3 fl. oz. per gallon (6 tablespoons)] Dilution Rate: For [Vegetable and Ornamental applications] [For Residential Nuisance Pests Outdoors applications], apply 1/2 fl oz (1 Tablespoon) per gallon of water. For [Lawn Pests], apply 3 fl oz (6 Tablespoons) per gallon of water.
<ol style="list-style-type: none"> 1. Pour concentrate into sprayer jar to the required fluid ounce level. 2. Add the appropriate amount of water to the gallons level. 3. Replace sprayer top and shake well before applying. 4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray. <p>OR</p> <p>Pour concentrated into sprayer jar to the required fluid ounce level and follow sprayer label directions for applying.</p>

[ART: ICON OF DIAL TYPE]

For Dial-Style Hose-End Sprayers:

[Dilution rate: 1/2 fl oz per gallon (1 Tablespoon = 1/2 fl oz)] [Dilution rate: 3 fl. oz. per gallon (6 tablespoons)]

Dilution Rate:

For [Vegetable and Ornamental applications] [For Residential Nuisance Pests Outdoors applications], apply 1/2 fl oz (1 Tablespoon) per gallon of water.

For [Lawn Pests], apply 3 fl oz (6 Tablespoons) per gallon of water.

1. Fill sprayer jar with enough concentrate to cover area to be treated.
2. Close sprayer and set dial.
3. Attach sprayer to hose and apply.
4. To avoid contact with the treated area, begin by spraying area farthest from faucet walking backwards as you spray.

OR

Fill sprayer jar with enough concentrate to cover area to be treated and follow sprayer label directions for applying.



- People and pets must not reenter the treated area until after spray has dried.

NOTICE

Research and testing have determined that the “Directions for Use” are appropriate for the proper use of Tempo Concentrate Insecticide under expected conditions. To the extent consistent with applicable law, the Buyer assumes responsibility for lack or performance or safety if not used according to the directions.

Money back Guarantee: If you are not satisfied with this product, we will gladly refund your original purchase price.

STORAGE AND DISPOSAL

Pesticide Storage

Store in original container in a cool, dry place, out of the reach of children, preferably a locked storage cabinet.

**Pesticide Disposal
and Container
Handling**



If empty: Non-refillable container. Do not refill or reuse container. Place empty container in trash or offer for recycling if available.

If partly filled: Call your local solid waste agency **or toll free 1-877-229-3724 [1-800-CLEAN-UP]** for disposal instructions. Never place unused product down any indoor or outdoor drain.

[Note to PM: Batch code to be added at time of production]

[Note to PM: Product name Tempo® Concentrate Insecticide will be replaced with marketed Alternate Brand Name [it] [this product].]

{Note to PM: Marketing may choose any pest(s) from this list.}

BioAdvanced® [and] [ERGO-GRIP®] [is/are] [a] registered trademark(s) of SBM Life Science Corp.

[Bianova Advanced™] [Fortifend Advanced™] [EZ-Grip™] [is/are] [a] trademark(s) of SBM Life Science Corp.

PRODUCED FOR [BY]
[DISTRIBUTED BY]
[GUARANTEED BY]

SBM Life Science Corp
1001 Winstead Drive, Suite 500
Cary, North Carolina 27513

Tempo® Concentrate Insecticide (PENDING) 07/10/2017 05/01/2020

[Marketing Claims]

1. Just One Application Quickly Kills [listed] [*] Insects
2. Keeps on Killing [listed] [*] insects for up to 14 days
3. Kills over 60 Different Outdoor [Listed] [*] Insects
4. Treats [XXX] [depends on content] sq. ft. [For Lawns]
- 4-5. Fast Acting...Kills [listed] [*] [insect] [by] [through] Contact
- 2-6. Long Lasting...Keeps on Killing [listed] [*] [insect] for up to 14 days
- *7. Kills [listed] [*] [insect] [by] [through] contact plus protects for up to 2 weeks
8. Also kills fleas, ticks & 58 other [listed] [*] nuisance pests
9. This product kills ants, fleas, ticks, mosquitoes and other [listed] [*] pests [by] [through] contact and keeps protecting for up to 2 weeks in a single application. No mixing and measuring hassles. No messy cleanup. Controlling annoying outdoor insects around your home has never been easier.
- *10. Protects [home lawns], [fruits & nuts], [vegetables], [houseplants], [roses], [flowers], [trees] [&] [shrubs] against [listed] [*] insects.
11. Kills [controls] [ants,] [aphids,] [chinch bugs,] [cutworms,] [fleas,] [mites,] [mosquitoes,] [sod webworms] [and] [other [listed] [*] insects]
12. Kills & Repels [listed] [*] bugs in your backyard [yard]!
13. Kills and repels mosquitoes
14. Kills [listed] [*] bugs fast
15. Controls [Kills] [ants,] [aphids,] [chinch bugs,] [cutworms,] [fire ants,] [fleas,] [beetles,] [grubs,] [mites,] [sod webworms] [and] [other [listed] [*] insects]
16. Kills & Repels mosquitoes, flies, ants, fleas, ticks (including those which may transmit Lyme Disease), and other [listed] [*] annoying pests!
17. Keeps killing [*] [listed] [insect] for up to 2 weeks
18. Kills [ants,] [fleas,] [bagworms,] [grasshoppers,] [mole crickets,] [chinch bugs,] [sod webworms,] [crickets,] [aphids,] [mosquitoes,] [and] [other [listed] [*] insects]
19. Just One Application Quickly Kills [listed] [*] insects
20. Kills [listed] [*] troublesome outdoor insects which destroy [lawns], [roses], [flowers], [trees] [and] [shrubs], [or] [annoy] [people] [or] [pets]
21. Keeps on Killing [*] [listed insect] for up to 14 Days
22. Kills Over 100 Different [Listed] [*] Outdoor Insects
23. Kills Over 100 insects pests as [listed] [*]
24. Kills Insects* [by] [through] Contact
- *25. Kills Stink Bugs (including Brown Marmorated Stink Bugs)
26. Fast Acting...Kills [by] [through] Contact
27. Long Lasting for up to 2 weeks
28. Works in Hours
29. Quickly Stops Harmful [Listed] [*] Insects before they do damage
30. Effective Against a Broad Range of [Listed] [*] Pests
31. Protects your yard all weekend long
32. Won't wash away [in rain]
33. Do-it-yourself pest control
34. Just connect to your [garden] hose and spray
35. Low odor
36. For Use On: [Lawns,] [Ground Covers,] [Flowers,] [Shrubs,] [Trees,] [and] [Vegetables,] Around Homes
37. For Use Outdoors on lawns, Shrubs, Trees, and in Flower or Vegetable Gardens
- *38. For use around foundations and outside of home
39. Ready-To-Spray [Concentrate]
40. Ready-To-Spray...No Mixing, No Measuring (RTS)
41. Apply with Most Common Garden Sprayers
42. Rainproof in 1 hour
43. Rainproof within 1 hour of Application
44. Protects house [lawns,] [flowers,] [shrubs,] [and] [trees]
45. Water Based
46. Satisfaction guaranteed or your money back
47. Long Lasting – Nonstop protection for up to 2 weeks
48. 100% Satisfaction Guaranteed
49. This product-kills outdoor pests [by] [through] contact. Keeping your vegetable garden and lawn free of [listed] [*] pests has never been easier.
50. Simply hook to hose and spray (RTS)
51. Kills [aphids,] [Japanese beetles (adults,)] [cutworms,] [tomato hornworms,] [and] [other [listed] [*] pests]
52. Also for use on lawns
53. Mix and spray (sprayer art)
54. Won't harm your plants or blooms
55. Easy hold
56. EZ Spray
57. One-touch [sprayer] [application]

- 58. ~~•~~ EZ grip
- 59. ~~•~~ Ergo grip
- 60. ~~•~~ Simple spray
- ~~•~~ EZ grip
- ~~•~~ One touch
- 61. ~~•~~ Spray n go
- 62. ~~•~~ Thumb switch
- 63. ~~•~~ Handy spray
- 64. ~~•~~ EZ touch
- ~~•~~ One touch application
- 65. ~~•~~ [XX%] More than [XX] oz. Size
- 66. ~~•~~ Bonus Size
- 67. ~~•~~ [XX%] More vs. [XX] oz. Size
- 68. ~~•~~ [XX] Ounces!
- 69. ~~•~~ Kills listed[*] insects in 24 hours
- 70. ~~•~~ Kills over 500 [400][450][550] listed[*] insects[!]
- 71. ~~•~~ Kills a wide variety of listed[*] pests [insects]
- 72. ~~•~~ Controls more than 500 [400][450][550] listed[*] insects

Marketing Claim for Brand Name Change:

- 1. ~~•~~ New Name. Same Great Results.
- 2. ~~•~~ New Name. Same Familiar Formula.
- 3. ~~•~~ New Name. Same Performance.

*listed (Note to PM: The word "listed" can appear as a footnote with the appropriate phrase, such as *listed pests/insects)

(Label for outer packaging/box of a multi-pack with full label affixed on container in box)

Tempo[®] Concentrate Insecticide

~~[ABN's:] Bayer Advanced Vegetable & Garden Insect Spray Concentrate; Bayer Advanced Vegetable & Garden Insect Spray Ready-to-Spray; Bayer Advanced Complete Brand Insect Killer for Lawns; Bayer Advanced Insect Killer for Lawns; Bayer Advanced Tree and Shrub Insect Killer Spray;~~

Bianova Advanced[™] Vegetable & Garden Insect Spray Concentrate;
BioAdvanced[®] Vegetable & Garden Insect Spray Concentrate;
BioAdvanced[®] Science-Based Solutions Vegetable & Garden Insect Spray Concentrate;

Fortifend Advanced[™] Vegetable & Garden Insect Spray Concentrate;
Bianova Advanced[™] Vegetable & Garden Insect Spray Ready-to-Spray;

BioAdvanced[®] Vegetable & Garden Insect Spray Ready-to-Spray;
BioAdvanced[®] Science-Based Solutions Vegetable & Garden Insect Spray Ready-to-Spray;

Fortifend Advanced[™] Vegetable & Garden Insect Spray Ready-to-Spray;

Bianova Advanced[™] Complete Brand Insect Killer for Lawns;
BioAdvanced[®] Complete Brand Insect Killer for Lawns;

BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Lawns;

Fortifend Advanced[™] Complete Brand Insect Killer for Lawns;
Bianova Advanced[™] Insect Killer for Lawns;

BioAdvanced[®] Insect Killer for Lawns;

BioAdvanced[®] Science-Based Solutions Insect Killer for Lawns;

Fortifend Advanced[™] Insect Killer for Lawns;

Bianova Advanced[™] Tree and Shrub Insect Killer Spray;

BioAdvanced[®] Tree and Shrub Insect Killer Spray;

BioAdvanced[®] Science-Based Solutions Tree and Shrub Insect Killer Spray;

Fortifend Advanced[™] Tree and Shrub Insect Killer Spray;

BioAdvanced[®] Science-Based Solutions Complete Brand Insect Killer for Soil & Turf Concentrate I;

BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Control Concentrate

BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Killer Concentrate

BioAdvanced® Science-Based Solutions Complete Brand Insect Killer for Soil & Turf Ready-to-Spray I

BioAdvanced® Science-Based Solutions 24 Hour Lawn Insect Control Ready-to-Spray

BioAdvanced® Science-Based Solutions Lawn Insect Killer Ready-to-Spray

ACTIVE INGREDIENT:

Cyfluthrin..... 0.75 %

OTHER INGREDIENTS:..... 99.25 %

TOTAL:..... 100.00 %

[Cyfluthrin is the chemical name for Tempo®]

EPA Reg. No. 92564-17
XXXX-AA-1

EPA Est. No.

**STOP - Read This Entire Label Before Use
KEEP OUT OF REACH OF CHILDREN**

CAUTION

FOR OUTDOOR RESIDENTIAL USE ONLY

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Harmful if swallowed or inhaled
- Causes eye irritation
- Avoid contact with skin, eyes, or clothing
- Wash thoroughly with soap and water after handling
- Do not use kitchen utensils for measuring. Keep utensils used for measuring with product and away from children

Read the label on the container in the box for full directions for use.

[Marketing claims]

[For promotional use only. Not for resale.]

[Not for individual sale]

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PRODUCED FOR **[BY]**

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SBM Life Science Corp
1001 Winstead Drive, Suite 500
Cary, North Carolina 27513