

CARBARYL 4L IN CTICIDE

GENERAL INFORMATION

This product is a suspension of a microfine carbaryl insecticide in an aqueous medium. It is dispersable in water and may be applied by ground or air.

PREPARATION OF SPRAY

Before using, agitate, stir or recirculate product in container to assure product uniformity. Be certain mix tanks and entire spray system are clean and free from foreign matter. Flush with clean water, Fill tank 1/2 to 3/4 with desired amount of water. Begin agitating tank and slowly add the required amount of this product. Add the remaining volume of water. Continually agitate spray during mixing and application to assure a uniform suscension. Do not store spray mix for prolonged periods. Prepare only as much spray mix as can be applied on the day of mixing.

PRODUCT COMPATIBILITY

When diluted with an equal volume of water, this product may be tank mixed with a wide range of pesticides. If compatibility with another product and the resulting crop response are unknown, the combination should be tested on a small scale. Do not mix this product with diesel fuel, kerosene, fuel oil or aromatic solvents.

When tank mixing, first add this product to at least an equal volume of water, mix thoroughly, and then add combination products. Do not apply this product in a tank mix unless previous experience indicates that the mixture is effective and will not result in application problems, excessive residues, or plant injury. Observe all precautions and limitations on labeling of all products used in mixtures.

This product is unstable under highly aikaline conditions and is not, effective if used with alkaline materials such as Bordeaux, lime-sulfur and casein-lime spreaders.

APPLICATION

For all applications, use sufficient spray volume to obtain thorough and uniform coverage. Calibrate spray equipment to deliver the required volume. Use 50 mesh strainers in spray system and 25 mesh slotted strainers behind nozzles.

Apply when insects or their damage appear, Repeat application at 7 to 14 day intervals or as necessary to maintain control, unless otherwise specified below. If a dosage range is given, the lower rate should be used on young plants and early instars and the higher rate on mature plants, advanced instars and adults. Therough and uniform spray coverage is essential for effective control.

Regional differences have been noted in the susceptibility of certain strains of fall armyworm to carbaryl insecticides. If local experience indicates inadequate control, use an alternative pesticide.

This product will not control spider mites. If spider mites are a problem, use a miticide registered for their control.

To avoid injury to tender foliage, do not apply to wet foliage or when rain or high humidity is expected during the next two days.

Avoid applications just before rainfall as poor insect control may result.

Do not use on Boston ivy, Virginia creeper and maidenhair fern as injury will result. During early season, it may also injure Virginia and sand pines.

Observe all label instructions on apple thinning and on combinations with certain herbicides on rice and soybeans.

CHEMIGATION: Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION \mathcal{E} TEMS—CHEMIGATION" for use directions for chemigation. Do nc: apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

Do not use reclaimed irrigation water from crops treated with carbaryl on upland crops for which carbaryl tolerances are not established.

FORAGE, FIELD AND VEGETABLE CROPS

Use at least 1 gallon of finished spray per acre for aerial application and at least 3 gallons of finished spray per acre for concentrale ground application. To prepare small volumes of spray, use 1 tablespoonful (1/z fluid ounce) of this product per gallon of water where rates of 1 quart per acre or 1 quart per 100 gallons are indicated in the tables below. This product may be applied up to and including the day of harvest or grazing of forage crops. Application may be made without removing livestock from area being treated.

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CAOP	INSECT	OTS, OF THIS PRODUCT /ACRE	H. JT INTERVAL (DAYS)	SPECIFIC DIRECTIONS	CROP _	NSECT	F. OF HIS PHODUCT IACRE	HARVEST	SPECIFIC DIRECTIONS	¥		
	Grasshoppers	1/2 to 11/2	See specific	Use 1/2 to 1 quart for nymphs on small plants or sparse vegetation in		Flea beetles. Leafhoppers	1/2 10 1	0 1	DO NOT USE ON CELERY IN CALIFORNIA. Treat on a 5 to 7 day schedule.		-	· · ·
Section			Vegetapid	wasteland, rangeland, ditch banks and borders. Use 1 to 11/2 guarts for adult		Aster lealhopper, Lygus bugs, Spittlebugs	1 to 11/2	(parsn:ps 14 icelery				
				grasshoopers or applications to dense vegetation.		Armyworm, Corn earworm, Fall armyworm, Stink	1 10 2	and parsley)				
Altaila, Clovers	Blister Beatles, Mexican bean beette	¹ /z to 1		Observe plant response precautions.	Corn Ifield, sweet.	bugs, Tarnished plant bug	1:02		CBSERVE BEE CAUTION:		۰.	*.
	Allalfa caterpillar, Bean leaf beetle, Cucumber beetles, Green Clovenworm, Japanese beetle, Leafhoppers, Three connered ailafa hopper, Thrios, Velvelbean caterpilar Aifalfa weevil	- 1 to 1'/2	3 (ailalla)	For alfatfø weevil larvae, if	pop)	Armyworm, Chinch bugs, Corn earworm, Cora rootworm adults, European corn borer, Fail armyworm, Flea beetles, Japanese beetles, Sap beetles, Sap beetles, Southwestern corn, borer, Lealhoppers		v	For insects attacking sitks and ears appy at 1 to 6 day intervals starting when first sitks appear and continuing unit sitks begin to dry. For larvae in whort and tollage feeders, apply as necessaary. For Chinch bugs use high gallonage ground application directed at the			
	larvae. Armyworm, Cloverhead weevst, Corn earworm, Egyptian alfalfa weevil larvae, Essox skipper, European alfalfa		(clovers) 3	pretreatment damage is extensive, cui allalla and treat the stubble. Use higher rate in areas east of the Rocky Mountains, On dense growth use 25 to 40 gallons per acre with ground		Western bean cutworm	2		base of plants. Optimum timing and good coverage are essential for effective control. Treat when inlestation averages 15% and at 90 to 100% lasset emergence. Treatment after 100% sitk	-		
Ascaragus	beetle, Fall armyworm, Lygus bugs, Stink bugs, Webworms, Yelkowstriged armyworm Asparagus beetle	1 to 2		equipment to ensure adequate coverage.	**	Cutworms	2 to 61/2		emergence will reduce effectiveness. Apply in a 12 inch band, using 6 fluid ounces per 1000 linear lest of row, in at least 15 gallons of water per			
Beans (including	Apache cicada, Asparagus beelle Blister beetles,	2 to 4	Post harvest appli- cation only	Treat ferns or brush growth. Do not treat more than once every 3 days. Observe plant response	Cotton	Cotton lleahopper.			acre. For broadcast application use 6.5 quarts in at least 20 gallons (ground) or 5 gallons (air) of water per acre.	u		
blackeyed peas, cowpeas, crowder or southern peas, dry beans, green beans, lima beans,	Mexican bean beette Alfalfa caterpillar, Bean leaf beette,	1	0 (except	precautions.		Cotton leafworm, Flea beetles, Striped blister beetle, Thrips Boltworms, Cotton	1/2 to 1	7	Early season insect control. Treat on a 5 to 7 day			
navy beans and shap beans!	Fica beetes. Fica beetes. Green cloverworm Japanese beetle, Leathoopers. Three comared alfalia hopper, Thnps, Valvetbear	v	Cowpeas) 3 (cowpeas)			leafperiorator, Fail armyworm, Leafrollers, Leathoppers, Tarnished plant bug, Yellowstriped armyworm (cotion cutworm)			schedule for as long as control is necessary. Mid and late season insect control. May be applied after bolls open.			
	caterpillar Western bean cutworm	1 10 2	0 (except cowpeas	Observe plant response precautions.		Lygus bugs	1 10 2		For light to moderate populations in Western irrigated cotton.			
	Armyworm, Corn earworm,	1 to 11/2	3 (cowpeas			Pink boilworm	11/2 10 21/2	7	Aphid populations will be suppressed by repeated applications of this insecticide,			
	Cutworms, European.com borer, Fall armyworm, Stink		† 			Stink bugs, Saltmarsh caterpillar	2					
	bugs, Tarnished plant bug, Webworms Cowpea curculio	2	· ·		Cucumber, Meions, Pumpkins Squash	Cucumber beetles Flea beetles,	"/z to 1	0	Observe plant response precaulions, Avoid excessive applications,			
	Corn earworm, Limabean pod borer, Lygus bugs, Stink bugs			CALIFORNIA ONLY	Dandelion, Endive (Escarole),	Harlequin bug.	1/2 to 1	3 (head	Observe plant response precautions.			
Cabbage, Broccol Brussels Sprouts, Cauliflower, Kohirabi	Armyworm, Corn earworm, Fall	1/2 to 1			Lettuce, Salsify	Leathoppers, Aste leathopper, Lygus bugs, Spittlebugs Armyworm, Corn	1 to 2	lettuce & salsify roots) 14 (dandelio	to form.			
Chinese cabbage, Collards, Hanover	Harlequin bugs,	1/2 10 1	3 (Horse- radish,			earworm. Fall armyworm, Imported cabbageworm, Stink bugs, Tamished plant		(danoeno encive (escarole) leaf lettuce & saisity				
salad, Horseradish, Kala, Mustard greens, Radishes, Rutabagas, Turnips	Aster leathopper Armyworm, Corn earworm, Fail armyworm, Fail imported cabbageworm, Stink bugs	1 to 1 ² /. 1 to 2	radishes rutabaga and turnio roots)		Forage Grasses. Pasture	Armyworm, Black grass bugs, Chinch bugs, Essex skipper, Fal armyworm, Range caterpillars, Range grass looper,		tops	To control thrus in grasses grown for seed use high spray pressure to improve penetration into booL	. *		
	Tarnished plant bug	1 to 2	(Chinese cabbage collards Hanove		Garden beet. Spinach, Swiss	Thrips, White grubs (green June beetle) Flea beetles, Harleguin bug,	1 (2 to 1	3 (garden	Treation a 5 to 7 day			
			salad, kale, mustard greens,		Chard	Aster leathoopers	1 to 11/2	beet (00ts)				

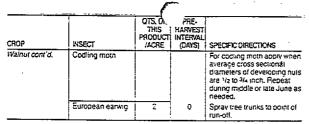
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OP	INSECT	OTS. OF THIS PRODUCT JACRE	rRE∙ HARVESTI INTERVAL (DAYS)	SPECIFIC DIRECTIONS	CROP	INSECT	OTS. OF THIS PRODUCT JACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIRECTIONS			
rden baet n' d.	Armyworm, Corn earworm, Fall armyworm, Stink bugs, Tarnished plant bug	1 to 2	14 (garden beet tops, spinach, Swiss chard)	, .t	Soybeans cont'd.	Alfalfa cateroillar, Bean leat beetle, Cucumber beetles, Green cloverworm, Japanese beetle, Leathoppers, Three cornered	1			<u> </u>	-	
ra	Corn earworm, Stink bugs	1 to 2	0	Treat on a 5 to 7 day schedule.		atfalfa hopper, Thrips, Velvetbean						
anuls	Blister beetles, Mexican bean beetle Alfalfa caterpiliar, Bean leaf beetle, Cucumber beetles,	'/z lo 1 1	0	Observe plant response precautions.		cateroillar Armywormi, Cutworms, Fail armyworm, Slink Dugs, Webworms	1 lo 11/2	0	DO NOT APPLY A COMBINATION OF THIS PRODUCT AND 2,4-08 HERBICIDES TO SOYBEANS AS CROP INJURY MAY RESULT. Use			
	Green cloverworm, Japanese beelle, Leathoppers, Rednecked peanut worm, Three cornered alfalfa hopper, Velvetbean				<u></u>	Painted lady (Thistle caterpillar) Saltmarsh caterpillar, Yeikowstriped armyworm	21021/2		lower rates for light to moderate populations and smaller instars. Use the higher rates for heavy populations and larger instars.			
	caterpillar Armyworm, Corn earworm, Fall armyworm, Slink bugs, Webworms White!ringed	1 to 11/2			Sugar beets	Armyworm, Beet leaf beetle, Fall armyworm, Flea beetles, Leathoopers, Webworms	11011/2	14				
.s	beetie adults, Culworms Colorado potato beetie,	2	0		Sunflower	Cutworms Armyworm, Fall	11/2 11/2 11/2 lo 2	60	DO NOT US 1 IN CALIFORNIA.	<u> </u>	_* _	<u>-</u>
	Leathoppers Armyworm	1 to 1 1/2				аглуworm Stem Weevil, Sunfiower beetle	1 to 2					
	Atfalfa caterpillar, Cutworms, Pea leaf weevil, Pea weevil, Yallowsiriped armyworm	11/2			Sweet potato	Corn earworm. Cucumber beatles. Fiea beetles. Sweet potato hornworm, Tortoise beetles			Apply as a fokar spray as needed. DO NOT USE IN CALIFORNIA.	_	•	
ito, Tornalo, plant, Pepper	Colorado potato beetle, Fiea beetles,	¹ /2 to 1	Ö			Yellowstoped armyworm	2	. 0				
	Leathoppers European corn borer, Fall armyworm, Lace bugs, Stink bugs, Tarnished plant	102	0			Sweet polato weevil	1 to 2	0	FOLIAR APPLICATION Fuil coverage of plants is essential. Use lower rate o young plants and higher ra on mature plants.			
	bug, Tomato fruit worm, Tomato hornworm, Tomato punworm Cutworms	2	 		Tobacco	Tobacco fiea beetie	2 Tbs/ga or 1 qt/50 gt: and apply 6 gai/100	0	IN PLANT BEDS. To prevent plant injury, avo excessive applications.	ad		
9	Arinyworm, Chinci bugs, Fall armyworm, Stink bugs	1 10 11/2	14	CAUTION, May kill shrimp and crabs. Do not use in areas where these are important resources. Do not use on noe fields in which craylish and/or catlish farming are included in the		Green June beetle grubs	so, yards		Apply only to areas that larvae have uprocted by sprinking as a drench with 50 to 100 gailons per 100 square yards.	1		
ŗ	4	2	14	Cultural practice. DO NOT APPLY PROPANIL HERBICIDES WITHIN 15 DAYS BEFORE OR AFTER APPLICATION OF THIS PRODUCT OR PLANT INJURY WILL RESULT. MISSISSIPPI DELTA & TEXAS. CALIFORNIA ONLY. For	· · · · ·	Budworms, Fall armyworm, Fiea beetles, Hornworms, Japanese beetle, June beetle, Suckity	1102	D	IN FIELDS. Use lower rate on young plants (up to knee height). Use al least 10 gallons of prepared spray per acre. Begin treatments when worms are small. if fate season applications are necessary, allow three cays before priming or			
rghums (milo, iin sorghum,	Armyworm, Lealhoppers, Tadpole shrimp Armyworm, Chinci bugs, Corn		21	optimum tadpole shrimp control apply to water when pest first appears. Direct spray into forming heads for optimum insect	Wheat	Cereal leaf beetle	1	0 (Iorage) 21 (grain)	Do not make more than two applications after gran			
sorgnum sorgnum s hybrids)	earworm, Fall armyworm, Stink bugs, Webworms Sorghum midge,	11/2	(grain) 0 (forage)	control, Treat for sorghum midge when 25 to 30% of heads have emerged from boot and		Armyworm, Fall armyworm	1 (0 1 1/2		heads emerge from boot. Application is effective against eggs, larvae and adults.			
	Southwestern con borer	n		are in bloom, Repeat application 3 to 5 days later if adults are still active. A third			cified do	sage per	100 gallons of water. F		-:	—
	Cutworms	2	21 (grain) 0 (lorage)	application may be necessary in tate planted sorghum or if midge are abundant. For chinch bugs use high gallonage ground application directed at the base of plants.	in the spray n dilute spray. density and s from 200-300	ixture to apply a The optimum sp tage of growth, gallons for dilut	in amour bray galic Typical s le sprays	nt per ac onage w pray ga , 30-100		na ze, ge ate		
ybeans	Bean leaf beetle, Cucumber beetles Green cloverworm Maxican bean beetle, Velvetbean caterpillar	i.	0	DO NOT APPLY A COMBINATION OF THIS PRODUCT AND 2.4-DB HERBICIDES TO SOYBEANS AS CROP INJURY MAY RESULT. Use Iower rates for light to moderate populations and		25 gail <u>o</u> ns for acre per applicat 			o not exceed ma, nu	-	-	÷
	Corn earworm Blister beetles, Grape colasois, Mexican bean	1/2 to 3/ 1/2 to 1	_	i emplies weters lies the								

CROP	UTS. OF THIS PRODUCT /100 GAL	PRE- HARVEST INTERVAL (OAYS)) SPECIFIC	DIRECTIONS	CROP	INSECT	je HIS ∣	PRE- HARVEST INTERVAL (CAYS)	SPECIFIC DIRECTIONS	· · · · · ·	·
APPLE THINNING Apples only			between bloom. It variety, r	uil coveraga dilute sprav 10 and 25 days after tuli factors such as tree age, utrition, previous crop, bloom and degree of set	Pistachios	Navel orangeworm	1/2 10 2	14	Apply difute volumes of 150 to 300 gallons of mixed spray per acre for full coverage at onset of hull soit.	- <u> </u>	
			tavor exit this proc possible Consult Service the prop	essive fruit free thinning with uct, exercise caution to avoid yield reduction. with your County Extension or other experts for advise on er use of this product.	as grapetruit, iemons, limes, oranges, tangelos, tangerines, critrus critron, kumquats	Avacado leatroller, California orangedog, Citrus I cutworm, Citrus root weevil, Fruittree leatroller,		5	Do not apply more than 20 quarts of this product per acre per application, Do not apply less than 10 gallons of dilute spray mixture per majura tree. May		
	'/a 10 '/z	1	Cortland Methtos Puntan, Yellow N	· · · · ·	and hybrids)	Orange tortrix, Western tussock moth, West Indian sugarcane borer (adults)	21-10-1		be mixed with petroleum oils commonly used on citrus.		
	172 to 1	ŀ	Bałdwin McIntos Appie, N Greenin Wealthy	uit to thin varieties including Ben Davis, Duchess, Early h, Golden Delicious, Lady Iorthem Spy, Rhode Island g, Steele Red, Turley, Yellow Transparent and York		Black scale, Brown solt scale, California red scale, Citricola scale, Citrus snow i scale, Yellow scale i		1			
CROP	INSECT	QTS. OF THIS PRODUCT JACRE	PRE- HARVEST INTERVAL (DAYS)	SPECIFIC DIFIECTIONS	Filbert	Filbert aphid, Filbert leafroller, Filbertworm	1	0	Apply when lealroller eggs are hatching. Repeat on first appearance of adult filbert moths and again 3 to 4 weeks later.		
Almond	Peach twig borer. San Jose Scale. Fruittree leafroller	T 1	28 28	Apply in "popcorn" or cetal fall stages and again when the May brood of the peach twig borer begins to hatch or thereafter as needed. Time early and mid season	Olives	Olive scale	3/∉ (0 1	Ø	For optimum scale control add 11/2 gallons of summer oil and apply mixture when crawlers are present. Do not exceed 2 applications per year, Do not apply more than		
				applications to correspond to moth flight peaks. Make a late season application at initiation of hull split or up to 10% hull split, Do not apply more than 5 quarts per acte.	Peaches, Apricots, Nectarines	Codling moth, Cucumber beetles, European earwig.	1	1 (peaches 3 (apricots	acre per application to apricots.	-	4
Appies Pears	Apple aonid, Apple rust mile, Apple sucket, Bagworms, California pearslug (pear sawity), Coding moth, Eyesponted bud moth, Green Fruilworm, Lecanum scales	5	1	WEST OF ROCKY MOUNTAINS To avoid undesired apple thinning, delay use until at least 30 days after full bloom. For psylla control apply when eggs hatch or young nymphs are present.		Fruittree leafroiler. Japanese beetle. June beetles, Lecanium scales. Lesser peachtree borer, Olive scale. Orange torinx. Orange torinx. Orange torinx. Peach twig borer. Periodical cicada.		8 nectanne:	For optimum scale control spippiy when crawlers are presont. Spray limbs and frunk thorought, weekly during moth flight.		
	Lesser appleworm Lygus bugs, Orange tortrix, Oystersnell scale, Pear leaf blister mite. Pear psylla, Pear rust mite, Sar Jose scale, Tertilform		3/4 10 1		Pecans	Redbanded leatroller, San Jose scale, Tamished plant bug, Tussock moths, Variegated leatroller Black margined aphid, Fall webworm, Hickory	1 to 21/z	0	Do not apply more than 7.2 quarts of this product per acre per application.		
	leafminers, Woolly apple aprid Apple mealybug, Apple aprid, Codling moth, White apple leafhopper	1/2	T	EAST OF ROCKY MOUNTAINS To avoid undesired apole thinning, delay use until at least 30 days after full bicom.		webwohit, Hickory shuckworm, Lesser webworm, Pecan leal phylloxera, Pecan nut casebearer, Pecan spittlebug, Pecan weevis, fwig girdler, Walnut					
	Apple maggot. Apple rust mite. Bagworms. Eastern tent caterpillar. European apple sawity. Eyespotite bud moth. Forbes scale. Fruttree leafroller. Green Iraliworm. Japaness beetle. Tarnished plant bud. Tentitorm	1	T	For optimum scale control apply when crawlers are present.	Plums Prunes Charrries	Caterpollar Black cherry aphd. Brown soft scale. Cherry fruitworm, Cherry maggot, European earwig, Eyespotted bud moth, Forbes scale. Fruitree lealroller, Green fruitworm, Japaness beetle. Lecanium scales.			Do not apply more than 6 quarts of this product per acre per application. For optimum scale control apply when crawlers are present. For lesser beachtree borer control, spray limbs and tree trunks thoroughly, weekly during moth light.	ur 6.0	
	lealminers, Lescanum scales Lesser appleworm Oystershell scale, Pear psylar, Pear leaf blister mite, Perotical cicada, Plum curcutio, Redbanced leafroller, Rosy apple aphid, San Jose scale, Woolh apple aphid, San		1	1		Lesser peachtree borar, Mealy plum aphd, Oyslershell scale, Peach two borer, Plum curculio, Prune teathooper, Recbanded leatroller, Rose chaler, San Jose scale, Varegated leatroller Coding moth, Eastern tent, Orange	3/4	1			
Chesinuts	fireworm Chestnut weevit	2103	ī	DO NOT USE IN CALIFORNIA. Make 4 applications at weekly intervals beginning in late July for adult chestnut weevil control. Last application should be made	Walnut	Iorfrix, Tussock moth Calico scale, European fruit lecanium, Fibertworm, Fruitree leairoiler, Frosted scale	·/2	0	Apply 1000 gallons of dilute spray per acre for mature trees.		

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SMALL FRUIT CROPS

Recommended dosages refer to quarts of this product per acre. The optimum spray gallonage will depend on plant size, density and stage of growth. Typical spray gallonages per acre range from 100-300 gallons for cilute sprays. 30-100 gallons for concentrate sprays and 10-25 gallons for acreal sprays. Do not exceed maximum label rate per acre per application.

		OTS.OF THIS	PRE- HARVEST	
CROP	INSECT	PRODUCT (ACRE	INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Blackberries Raspberries Dewberries (including boysenberries and ioganberries)	European raspberry aphid, Japanese beetle, Leafhoppers, Leafrollers, Rose chafer, Snowy Iree cricket	1 10 2	7	· · · · · · · · · · · · · · · · · · ·
	Omnivorous leafroller, Raspberry sawfly	2		CALIFORNÍA ONLY
Bluebernes	Blueberry maggol. Cherry fruitworm, Cranberry fruitworm, European fruit lecanium, Japanese beetle	11/2	0	Appry 3 weeks belore harvest and repeat as necessary.
Cranbernes	Cutworms, Cranberry fireworms, Cranberry fruitworm, Japanese beetle, Leathoppers, Rose chaler	f1 1/2 to 3	1	Apply in rate bloom and as needed at 7 to 10 day intervais. CAUTION: May kill shrimp and crass. Do not use in areas where these are important resources.
Grapes	European Iruit lecanium, Grape leathopper, Western grapeleat skelelonizer, Western yellowstriped armyworm	1402	0	Apply before first prood leaffolder larvae emerge from rolls,
	Cutworms, Eight spotted forester, Grape berry moth, Japanese beetle, June beetles, Orange tortrax, Omnyorous leafroller, Redbanded leafroller, Saltmarsh caterpilar	2	D	
Strawbernes	Fiea beetles, Meadow spittlebug, Omonorous leaftier (strawberry fruitworm), Strawberry leafroller, Strawberry weevit	1 to 2	1	Carbary may injure Early Dawn and Sunnse varieties on the Deimarva Peninsula.

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For dilute-soray ground applications to trees (including shade trees, shelter belts, forests, plantations, parks and recreation areas), ornamentals, woody plants and shrubs, apply in the specified dosage per 100 gallons of water. For concentrate-spray ground applications, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. For aerial applications to forest trees (including shade trees, shelter belts, plantations, parks and recreational areas) and commercially grown ornamentals, woody plants and shrubs, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. Avoid diffect application to takes, streams and ponds.

	AMOUN		<u> </u>
	PROD	UCT TO PARE	
INSECT	- 3 .	TANE 100 GALLONS	SPECIFIC DIRECTIONS
Ants, Aopie apnd, Armyworm, Azalea lealminer, Bagworms, Birch lealminer, Bister beette, Boxelder bug, Boxwood lealminer, Brown tail moth, Chiggers, Cooley spruce gall aphid, Chuworms, Cyrpiess tor moth, Douglas- Ir tussock moth, Eastern spruce gall aphid, Elm leal abhid, Elm leal beette, Ein spanworm, Eroophyud mites, European pine shoot moth, Fall armyworm, Flea beettes, Fuller rose beette, Gall midges, Gall wasos, Green stinped mapleworm, Grasshoppers, Gypsy moth, Hackberry nipplegall mäket, Holly bud moth, Holly lealminer, Jackoine budworm, Japanese beette, Jaffrey pine needleminer, June beettes, Lace bugs, Leathoopers, Leafrollers, Locust borers, Mapie lealcutter, Mealybugs, Mimosa webworm, Nantucket pine to moth, Oak lealminers, Dak leaf skeletonizer, Oakworm, Corange tortrix, Periodical ceaca. Pine sawly, Pine spittlebug, Pilch pine tip moth, Plant bugs, Poinsettia nortworm, Psyllids, Puss caterpilar, Rechumped oakworm, Spiny em caterpilas, Spiny et angeliens, Spiny em caterpilas, Spiny et al, Rose chafer, Roseslug, Saddled brominent, Sawilles (exposed), Tacks, Wahnut caterpillar, Spiny em caterpilas, Spiny et an ensorts, Springetals, Spruce budworm, Soruce needleminer, Spiny et angeliens, Spiny et al, Rose chafer, Roseslug, Saddled brominent, Sawilles (exposed), Tacks, Wahnut caterpillar, Webworms, Western hemiock looper, Western spruce outworm, Willow leaf beetes, Yelwo opolar weevil	1 02.	1 ot.	Use sufficient spray volume to otlani therough coverage of upper and lower leaf surfaces. To control scale insects, treat trunks stems and lwogs in addition to clant foliage. For optimum worm control, treat when in early instars. Addition of a sticker may improve residual control. Observe plant response precautions. Applications for control of Mapte leadcutter on sugar maple should be made when iarvae are in 2nd instar aiter minung, and as cases are being formed.
Eim bark beetle, Ips engraver beetles, Mountain pine beetle, Roundheaded pine beetle, Western pine beetle	18 oz.	4 gal.	Effective as a preventive treatment only. Repeat annually as required to prevent beetle attacks. Apply 1 gallon of spray per S0 square text of bark in May to earth, link or proor to host to
			early July or prior to beetle allack. Treat tree trunks from ground level up until trunk diameter is less than S inches. Applications for control of Elm bark beetle should
- ··· -			consist of 20-30 gallons of spray for 50 foot height of eim free for thorough coverage of all bark surfaces on trunk, limbs and twigs.

LAWNS AND RECREATIONAL AREAS

	_ SILE	INSECT	SPECIFIC DIRECTIONS
	Turi grasses	Ants, Armyworm, Bluegrass bulbug, Centipedes, Chuggers, Chinch bugs, Cutworms, Earwigs, Essex skipper, European chater, European crane fly, Fall Armyworm, Fiery skipper, Fleas, Grasshoppers, June Beetles, Leathoppers, Lucerne moth,	Use 6 II. oz. of this product per 1000 square feet (8 quarts per acre) of turi grass. Make application in sufficient spray volume for thorough coverage and turi thatch penetration. Repeat treatment as necessary. For Armyworm, Cutworm, Fall
	1	Millipedes, Mosquitoes, Sod	Armyworm and Sod Webworm
ces		webworms (lawn moths),	Control: Do not irrigate treated
ons		Sowbugs, Spittlebugs, Springtails, Ticks, White grubs, Yellowstriped	areas following insecticide application
bor.	-	archyworm	For Chinch Bug Control: Treat
			entire furf grass area rather than
-mc			just damaged areas. Irrigation of
uct		-	furf grass area before insecticide
\$ in		!	application will aid in penetration
n 4			Into turi grass. For White Grub Control:
sa		1	Applications should be made when
on-		1	grubs are feeding near the soil
me		•	surface, usually during late March
			Ihrough May, or July to early
wer			September or as recommended by
eas		,	local Agricultural Extension
100		· · · .	Service agents.
arts are		;	Water or irrigate turl grasses thoroughly soon after treatment.
rce		Imported Fire Ants	(Refer to OUTDOORS section of
noa		I mponeo cire Ants	PEST CONTROL IN AND
inte			AROUND BUILDINGS.)
n 7	· · · · · · · · · · · · · · · · · · ·	·	Minopido porcolinda.]

POULTRY INSECT CONTROL

POULTRY	NSECT	SPECIFIC DIRECTIONS
Chickens, Ducks, Geese, Gamebrds, Pigeons, and Turkeys	Chicken mite, Fleas, Lice, Northern Fowl Mite	 For use as a direct mist spray on pirds by: Misting with Electric Fog Machine: Mix 10 ounces of this product in 1 gallon of soray. Use 11/2 gallons per 1000 hens in cages, on itter or on statted floor. Repeat in 4 weeks it necessary. OR Spraying with knapsack or cylinder type com- pressed air sprayers: Mix 6 ounces of this product in 5 gallons of spray. Use 1 gallon per 100 hens in cages, on litter or on statted floor. Repeat in 4 weeks it necessary. Direct mist spraying for chicken mite and fleas is a supplement to spraying roosts and buildings for con- trol of these pests. Do not appoy to poultry and game birds within 7 days of slaughter.
Roosts and Buildings	Bedbugs. Chicken mile, Fleas, Fowł luck, Lesser mealworms, Lice, Northern fowl mite	Soray toosts and buildings with conventional power soray or knapsack equipment. For chicken mine, Iteas and bedougs, use 4 quarts of this product per 100 gallons of water. For lesser meaworms, use 50 quarts per 100 gallons, Soray 1 to 2 gallons per 1000 square feet of wall, bedding, litter or roost surface. Force soray into cracks, Robeat as needed, Avoid spraying nests, eggs and leeding and watering troughs. Venti- late while spraying. Do not treat premises within 7 cays of staughter.

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SITE

	MOSC	UITO CO	ROL
	AMOUNT OF T TO PRI		
SITE	10 GALLONS	100 GALLONS	SPECIFIC DIRECTIONS
Pastures, Range- and, Aros, Recrea- parks, Recrea- tional Areas, Log- givag Camos, Multary Posts and Adjacent For- ested Lands- or Wastelands	: to 3 oz.	''+ to 1 ct.	ADULT MOSOUITOES CAUTIONI May kill shrimp and crabs, Do not use in aras where these are important resources. OBSERVE BEE CAUTION Treat shrubbery and areas where adult mosquitoes congregate. Treat when adult mosquitoes are ac- live in early morhing or late evening. Repeat at 7 to 10 day intervals. Mix 14 to 12 quart of this product per 100 gailons in mist blower; mix 1/2 to 1 quart of this product in sufficient volume of water per acre in aeral sprays; mix 1 quart of this product in sufficient volume of water per acre in sufficient volume of water per acre in low pressure ground sprayers.
	2'/z qts.	Z5 cis.	For residual control in subtropical re- gions apply 4 gallons of prepared spray per 2000 souare feel of sur- lace areas. Repeat in 3 to 6 months or when necessary.

PEST CONTROL IN AND AROUND BUILDINGS General Information

NOTE: Staining may occur on certain surfaces such as stucco, brick, cinder block and wood. Therefore, applications of this product to surfaces where a noticeable residue or discoloration is objectionable should be avoided. Do not apply to carpets or draperles as staining may occur. Care should also be exercised to avoid spotting of wallpaper and fabrics. Do not use this product in commercial food areas of food handling establishments, restaurants or other places where food is prepared or processed.

Do not use in serving areas while food is exposed.

Indoors

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ANTS/CRICKETS/FIREBRATS/SILVERFISH: Mix 3 oz. this product per gailon of water and apply as fine, low pressure (20 psi) spot spray or as crack and crevice application to areas where these pests hide, such as baseboaros, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, sinks, stoves, dishwashers, hot water heaters, the underside of shelves, drawers and similar areas. For ants, apply to ant trails, around doors and windows and other places where ants enter premises.

BEES AND WASPS: Mix 3 oz. this product per gallon of water and thoroughly spray nest and entrance and surrounding areas where insects alight. It is generally advisable to spray the nests in the evening when the insects are less active and have returned to the nest. For best results, check nest carefully one or two days after spraying to ensure complete kill, then remove and destroy nest to prevent emergence of newly hatched insects.

BROWN DOG TICKS AND FLEAS: Mix 3 oz. this product per gallon of water and thoroughly spray infested areas such as pet beds and resting quarters, nearby cracks and crevices, between and under cushions and upholstered furniture, along and behind baseboards, window and door frames and other areas where these pests may be present.

CARPENTER ANTS: Mix 3 oz. this product per gallon of water and apply to ant trails, around doors and windows and other places where ants enter premises. Where possible, apply this product directly to ant nest or infested wood.

CENTIPEDES/EARWIGS/MILLIPEDES/SCORPIONS: Mix 3 oz. this oroduct per gallon of water and apply around water pipes, doors and windows, and other places where these pests may enter premises. Spray baseboards, storage areas, garages, carports, basements and other areas where these pests are found.

COCKROACHES: Efficacy varies with species sensitivity. This product is generally not highly effective in controlling German cockroaches. However, the following may be controlled with the rates as stated. American roach, Australian roach, Brown roach. Smoky brown roach, and others. Mix.3 oz. this product per gallon of water and apply as a fine, low pressure (20 psi) spot spray or as crack and crevice application to areas where these pests hide, such as baseboards, storage areas, closets, around water pipes, doors and windows, behind and under refrigerators, cabinets, stores, dishwashers, hot water heaters, the underside of shelves, drawers and similar areas.

SPIDERS: Mix 3 oz. this product per gallon of water and apply to infested baseboards, window and door frames, corners, pipes, storage areas, attics and under eaves. Make spot applications to other areas which these pests may crawl.

Outdoors

PERIMETER TREATMENT: Residual spray for control of ants, bees and wasps, brown dog ticks, carpenter ants, centipedes, cockroaches, crickets, earwigs, firebrats and silverfish, fleas, millipedes, scorpions and spiders. Mix 16 oz. this product per 50 gallons of water (2° fl. oz. per 3 gallons), and apply via power spray or other spray methods.

To help prevent infestations of buildings by the above pests, outside perimeter treatment should be in a band 6 to 10 feet wide and confined to shrub beds, foundation plantings and lawn or soil areas immediately adjacent to the structure. Direct application to structures should be minimat and restricted to cracks and crevices and other areas where insects tend to congregate.

IMPORTED FIRE ANTS: Mix 11/2 pints of this product per 50 gallons of water (1/2 fl. oz. per gallon). Apply a total of 2 gallons of the diluted

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solution over the surface of e _______ound or at least 1 duart per 6 inches of mound diameter using a buc ______ can or other appropriate equipment. Thoroughly wet mound and surrounding area to a 4 ft. diameter (12 sq. ft.). Do not disturb mounds prior to treatment. Pour solution from a height of about three feet to give sufficient force to break mound apex and flow into ant tunnels. For best results apply in cool weather, 65-80°F, or in early morning or late evening hours. Rebeat application if mound activity resumes after 10 days. Treat new mounds as they appear. Pressurized sprays may disturb the ants and cause migration, reducing product effectiveness.

NOTICE

PLATTE WARRANTS THAT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIPTION ON THE LABEL THEREOF AND IS REA-SONABLY FIT FOR THE PURPOSES STATED ON SUCH LABEL ONLY WHEN USED IN ACCORDANCE WITH THE DIRECTIONS UNDER NORMAL USE CONDITIONS. IT IS IMPOSSIBLE TO ELIMINATE ALL RISKS INHERENTLY ASSOCIATED WITH THE USE OF THIS PROD-UCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTERIDED CONSEQUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BE-YOND THE CONTROL OF PLATTE. IN NO CASE SHALL PLATTE BE UTABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, ALL SUCH RISKS SHALL BE ASSUMED BY THE BUYER.

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