

CARBARYL 41 INSECTICIDE EPA REG. 34704-447

GENERAL INFORMATION

This product is a suspension of a microfine carbanyl 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 ¼ to ¾ 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 suspension. Do not store spray mix for probonged 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 alkaline 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. Thorough 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 fem 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 SYSTEMS-CHEMIGATION" for use directions for chemigation. Do not 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 concentrate ground application. To prepare small volumes of spray, use 1 tablespoonful (½ 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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	1	OTS. DI This	PRE-			· · · · · · · · · · · · · · · · · · ·	OTS. OF THIS	PRE- HARVEST	
10P	INSECT	PRODUCT /ACRE	INTERVAL (DAYS)	SPECIFIC DIRECTIONS	CROP	INSECT	PRODUCT /ACRE	INTERVAL.	
Forage, Field d Vegetable		1/2 11/2	See specific	Use 1/2 to 1 quart for	Carrots, Parsnips,	INGEGI	7401E	(DAYS)	SPECIFIC DIRECTIONS DO NOT USE ON CELERY
ops in this			Field or	nymphs on small plants or sparse vegetation in wasteland,	Parsley, Celery			(carrots)	IN CALIFORNIA, Treat on a 5 to 7 day schedule.
			Vegetable Črop	rangeland, ditch banks and borders. Use 1 to 1 ½ quarts for		Aster leathopper, Lygus bugs,	1 to 11/2	(parsnips) = 14	
	-			adult grasshoppers or applications to dense vegetation.		Spittlebugs		(celery and	
a, clovers	Blister Beetles,	½to1	0	Observe plant response		Armyworm, Corn earworm, Fall	1 to 2	parsiey)	
	Mexican bean beetie		(clovers)	precautions.		armyworm, Stink bugs, Tarnished			
	Alfalfacaterpular, Bean leaf beetle,	1	3 (altaifa)	•		plant bug			
	Cucumber beetles, Green clover worm,		faumin		Corn (field, sweet, pop)	Armyworm, Chinch : bugs, Corn	1 to 2	0	OBSERVE BEE CAUTION:
	Japanese beetle,				r-n	earworm.Com rootwormadults,			For insects attacking silks and ears apply at 1 to 6 day
	Leamoppers, Three cornered					European corn			Intervals starting when first silks appear and continuing
	alfalfa hopper, Thrips, Velvetbean					borer, Fall annyworm, Flea			until silks begin to dry. For larvae in whori and foliage
	caterpikar	1				beetles, Japanese beetle, Sap			feeders, apply as necessary.
	Alfalfa weeva larvae, Armyworm,	1 to 11/2	0 (clovers)	For alfalfa weevil larvae, if pretreatment damage is		beetles, Southwestern.com			For Chinch buos use high
	Cloverhead weevil, Corn		3 (alfalfa)	extensive, cut alfalta and treat the stubble. Use higher		borer, Leaihoppers			galonage ground application directed at the
	earworm, Egyptian alfalfa weevil		(unana)	rate in areas east of the Rocky Mountains. On dense					base of plants. Optimum timing and good
	larvae, Essex			growth use 25 to 40 gallons					coverage are essential for effective control.
	skipper, European alfaita beetle, Fall			per acre with ground equipment to ensure		Western bean Cutworm	2		Treat when infestation
	armyworm, Lygus bugs, Stinkbugs			adéquate coverage.					averages 15% and at 90 to 100% tasset emergence.
	Webworms, Yellowstriped								Treatmentatter 100% sik emergence will reduce
igus	amywomi	11-0				Cutworms	2to 51⁄2		effectiveness. Apply in a 12 inch band.
فماو	Asparagus beetle Apache cicada.	1 to 2 2 to 4	1 Post	Treat ferns or brush growth.					using 6 fluid ounces per 1000 linear feet of row, in at
	Asparagus beetle		harvest application	Do not treat more than once every 3 days.	-				least 15 gallons of water per
			only			1			acre. For broadcast application use 6.5 quarts in
(including yed peas,	Blister beetles, Mexican bean	1⁄2 to 1	·	Observe plant response precautions.					at least 20 gallons (ground) or 5 gallons (air) of water per
s.crowder iern peas,	Alfalfa caterpiliar,	1	0	,	Cotton	Cotton fleahopper.			acre.
is, green ima beans,	Bean leat beetle.	•	(except			Cotton leafworm, Fiea beetles,			
nsand	Cucumberbeetles, Flea beetles,		cówpeas) 3			Striped bilster beetle, Thrips	½to1	7	
ians)	Green cloverworm, Japanese beette,		(cowpeas)			Boltworms, Cotton	1 to 2	,	Early season insect control. Treat on a 5 to 7 day
	Leafhoppers, Three cornered					leafperforator, Fall			schedule for as long as control is necessary.
	altalta hopper, Thrips, Velvetbean		1			Leafroliers, Leafnoppers,			Mid and late season insect control. May be
	caterpillar					Tarnished plant bug, Yellowstriped			applied after bolls open.
	Western bean cutworm	1102	0 (except	Observe plant response precautions.		armyworm (cotton			
			cowpeas)			Cutworm) Lygusbugs	1102		For light to moderate
	Аптумонт, Сого	1 to 11/2	(cowpeas)						populations in Western regated cotton.
	Earworm,	110172				Pickbollworm	1½10		angues contre
	European.com					. But board and	2%	7	Aphic populations will be
	borer, Fall annyworm, Stink								suppressed by repeated applications of this
	buos, Tamished plantbug,					Stinkbugs,	2		insecticide.
	Webworms Cowpea curculio	2	ł			Saltmarsh caterpillar			
	Com earworm,	2		CALIFORNIA ONLY	Cucumber, Melons, Purnokins,	Pickleworm,	½to 1		Observe plant response
	Limabean pod	-			Squash	Meionworm Cucumber beetles,	1	0	precautions. Avoid excessive
	borer, Lygus bugs,Stinkbugs					Reabeetles, Leafhoppers,	·	-	applications.
iroccali, prouts,	Flea beetles, Harlequin bug	1/2 to 1			Decision of the second	Squash bugs			·
x,	Armyworm, Corn	1 to 2	з		Dandelion, Endive (Escarole),	Flea beetles, Harlequin bug,	½的1	3 (head	Observe plant response precautions.
	earworm, Fall armyworm,		1		Lettuce, Salsify	Leathoppers, Aster leathopper, Lygus		lettuce & saisity	Treat on a 5 to 7 day schedule after heads
	cabbageworm					bugs, Spittlebugs		roots)	begin to form.
cabbage, Hanover	Fleabeetles,	1⁄2 to 1	3	<u></u>		Armyworm, Corn earworm, Fall	1102	14 (dandelion,	
	Hastequinbugs, Leathoppers		(Horse- radish			armyworm, Imported		endive (escarole)	
sh, Kale, reens,	Aster leafhopper	11011/2	radishes, rutabagas			cabbageworm, Stinkbugs,		leat lettuce &	
•	Annyworm, Corn earworm, Fall	1 to 2	and turnip			Tamished plant		salsity tops)	
	armyworm,		10005}		Forage Grasses,	Annyworm, Black	1 to 11⁄2	رهان 0	To control thrips in grasses
	cabbageworm,				Pasture	orass bugs, Chinch bugs,	-		grown for seed use high spray pressure to improve
	Stinkbugs Tamished plant	1 to 2	14			Essex skipper, Fall armyworm, Range			penetration into boot.
		1104	(Chinese			caterpillars, Range			
	1		caboage, collards,			crane fly, Striped grasslooper,			
	1		Hanover salad,			Thrips, White grubs (green June			
			kale, mustard		Ganden best	beetle)	14-1-1	- 3	Track on a f to 7 day
			greens,		Garden beet, Spinach, Swiss	Fiea beeties, Harlequin bug,	½ to 1	(garden	Treat on a 5 to 7 day schedule.
	,		and	1	chard	Leathoppers		beet	
			taps)			- comoppoid		roots)	

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CROP	INSECT	QTS. OF THIS PRODUCT /ACRE) INTERVAL (DAYS)	SPECIFIC DIRECTIONS	CROP	INSECT	OTS. OF THIS PRODUCT	PRE- HARVEST INTERVAL (DAYS)	
irden beet nitd	ATTIYWOTTI, COTE Barwottin, Fall	1 to 2	14	di çon je omzerining	Soybeans cont d.	Alfalfa caterpular,	ACRE 1		SPECIFIC DIRECTIONS
	277 WORTL Stick		(garden beettops,			Bean leaf beetle, Cucumber beetles,			
	bucs, Tarnished plant bug		spinach, Swiss			Green cloverworm, Japanese beetle,			
			chard)			Leathoppers,			
)kra	Comeanworm, Stinkbugs	1 to 2	0	Treat on a 5 to 7 day schedule.		Three contered alfalfa hooper.			
eanuts	Bisterbeeties.	1/2 to 1	Ó	Observe plant response		Thrips, Velvetbean			
	Mexicanbean		-	precautions.		caterpiliar Armworn.	t to 11/2	- o	DO NOT APPLY
	Afaita caterpillar.	1	l o			Cutworms, Fait	1.01/2	ľ	COMBINATION OF THE PRODUCT AND 2.4-D
	Bean leat béebe.					armyworm, Stink bugs,			HERBICIDES TO
	Cucumber beetles.					Webworms			SOYBEANS AS CROP
	Lacanese beetle.					Painted lady,	2 to 21⁄2	1	lower rates for light to
	Rednecked pearse					(Thistle caterpiltar) Saltmarsh			moderate populations an smaller instars. Use th
	worm, Three comerect alfaita					caterpiltar.	1		higher rates for heavy
	hopper, Velvetbeau					Yellowstriped	1		populations and larger instars.
	caterpilar	1 10 1 14	-		Sugarbeets	Annyworm, Seet	1 to 11/2	14	
	Annyworm, Cora Earworm, Fait	10172				leat beetle, Fall armyworm, Flea			
	arrayworm, Stirk					beeties.			
	bugs, Webworms Wolketringed		Į			Leaflioppers, Webworms	1		
	beetle adults.					Cutworms	11/2	14	1
225	Carworms	2	0		Sunflower	Cutworms	11/2		DO NOT USE IN
	Colorado potaso bestis,	1	3			Annworn Fall	1½to2	60	CALIFORNIA.
	Leathoppers		1			amyworm	1	_ ~	1
	Алумот	1 to 1 ½				Stem weevil. Suntiower beetle	1 to 2	1	
	Atalta caternitar.	174			Sweet potato	Comearworm,	1102		Apply as a foliar spray as
	ical weevil, Pea weevil, Yelkwstroed				-	Cucumber beetles, Flea beetles,			Reded. DO NOT USÉ IN CALIFORNIA.
	200yworth			1		Sweet potato			GALE OF MUL
Potato, Torrano,	Calorado potato	1/2 to 1	0		-	homworm, Tortoise beetles			
Eggplant, Peoper	beete, Rea beetes,		{			Yellowstoped		1	
	Leathoopers		1			annyworm	2	0	
	European.com	1 to 2	0			Sweet potato weeval	1 to 2	0	FOLIAR APPLICATION
	arawworm Lace	ł							Full coverage of plants is essential. Use lower rate on
	arashed plant		1						young plants and higher
	bug, Tomaia Inut		ţ		Tobacco	Tobacco fiez		<u> </u>	IN PLANT BEDS.
	worm, Tornato bornworm, Tornato				robacco	beetie	2 Tbs/gat		To prevent plant injury.
	25WOTT	1					or1qt/50 galand	1	avoid excessive applications.
	Cutworms	2					apply 6		appications,
Rice	Annyworm, Chinch Ducs, Pall	1 to 1920	14	CAUTION, May killshrimp and crabs. Do not use in			gai/100 sq.yards		
	armyworm, Stirk	1		areas where these are		Green June beetle	1/201/100	1	Apply only to areas that
	pròz			important resources. Do not use on rice fields in which		grubs	gallons		arvae have uprooted by sprinkling as a crench with
				crayfish and/or catfish farming are included in the		1			50 to 100 gallons per 10
			1	cultural practice.		Buoworms, Fait	1to2	-	square yards. IN FIELDS.
				DO NOT APPLY PROPANIL		annyworm, Flea beetles,			Use lower rate on young plants (up to knee height).
	í			HERBICIDES WITHIN 15 DAYS BEFORE OR AFTER		HORTIWORTIS,		Ι.	Use at least 10 gallons of
		1	ļ	APPLICATION OF THIS		Japanese beette, June beette,			prepared spray per acre. Begin treatments when
		1		PRODUCT OR PLANT INJURY WILL RESULT.		Suckfly			worms are small.
		ł	-	MISSISSIPPI DELTA &			1		If late season applications are necessary, allow three
	AGOVWOTTL	2	14	TEXAS CALIFORNIA ONLY, For					days before priming or cutting.
	1-zhoppers.	1	1	optimum adpoleshrimp	Wheat	Cereal leaf beetle	1	0	DO NOT USE IN
	Tadpoleshrimp	ļ		control apply to water when pest first appears.				(forage)	CALIFORNIA,
Sorphums(imito	Armyworms, Chinch	1102	21	Direct spray into forming]	1	21 (grain)	applications after grain
grain sorgenum, sweet sorcenum	corps, Com carworm, Fall		(grain) D	heads for optimum insect control.			1		heads emerge from boot Application is effective
and hybridsa	armyworm, Stirk	ł	(torage)	Treat for sorghum midge		Armyworm, Fall	1 to 11/2	1	against eggs, larvae and
	DUCS, WEDWORTS	<u> </u>	<u>.</u>	when 25 to 30% of heads have emerged from boot and	<u> </u>	annyworm	<u> </u>	l	adults.
	Sorghummidge, Southwestern.com	11/2	ł	are in bloom. Repeat					
	2014			application 3 to 5 days later if adults are still active. A third		TREE FR			OPS
	Cutworms	2	21 (orains)	application may be	For dilute spr	ays apply the sp	pecified dos	age per 10	10 gailons of water. I
	1	,	(grains) 0	necessary in late planted sorghum or it midge are	concentrate a	and aerial spray	s increase	the concer	ntration of this prod
	1		(forage)	abundant. For chinch buos	dilute spray	The optimum	sorav nalio	nace will	equivalent to that in depend on tree sit
	1	1	1	use high gallonage ground application directed at the	density and	stage of growth	1. Typical s	spray gallo	nages per acre ran
Cubence.	1		<u> </u>	base of plants.	from 200-300) gailons for di	ute sprays	, 30-100 g	allons for concentration
Soybeans	Sean leaf beetle. Cocumper beetles,	74	0	DO NOT APPLY A COMBINATION OF THIS		10-25 gallons for acre per applications		Jays. Do	not exceed maximi
	Steetickoverworm			PRODUCTAND 2,4-DB	abor late her				
	Mexican bean beetle, Velvetbean	1		HERBICIDES TO SOYBEANS AS CROP		-			
	tizerpilar			INJURY MAY RESULT. Use					
	r	ł		the lower rates for light fo moderate populations and					
	Comeanworm	16 - 34	1 110 114	smaller instars. Use the					
	Com earworm Easter beetles.	½ to ¾	11015 /2	smaller instars. Use the higher rates for heavy					
	Comearworm Sister beetles, Grape colaspis, Viexocan bean	<u> </u>	11011 /2 0	smaller instars. Use the					

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	QTS. OF		}			· · · · · ·	· <u> </u>		·
	PRODUCT		J) QTS.OF THIS	HARVEST	ł
CROP APPLES ONLY	/AC8E		DIRECTIONS	r acre. Use higher rates on	CRDP Pistachios	INSECT Navel grangeworm		DAYS)	SPECIFIC DIRECTIONS
For Fruit Thinn	ing	difficult to thin va	difficult to thin varieties and lower rates on easy to thin varieties.		r Slaukus	NAVELUTINGEWOTT	½to2	14	Apply dilute volumes of 150 to 300 gallons of mixed spray perace for full coverage at onset of hull split,
		9mm fru ensure t runoff, D canopy a of tree t occur, crop, pi influence to avoi	it size. Use horough cov irrect spray v and reduce s anopy or po Tree age, v runing, bloo irvit thinnin d possible	een 90% petal fall and up to sufficient water volume to verage. Avoid spraying to olume to upper 2/3 of tree pray coverage to lower 1/3 possible over-thinning may arafety, nutrition, previous im, and degree of set g results. Exercise caution over thinning. Avoid operatures exceed 85° F.	Avocado kestroller, California orangedog, Citrus cutwom, Citrus root weevil, Fruittne kastroller, Orangetortrix, Western tussock moth, West Indian sugarcane borer (adults)	1	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 mature tree. May be mixed with petroleum oils commonly used on citrus.	
		Consult with your Co		unty Extension Service or ce on the proper use of this		Black scale, Brown soft scale, California red scale, Citricola scale, Citrus snow scale, Yellow scale			
		QTS. OF This	PRE- HARVEST	·	Fibert	Filbert aphid, Filbert leatroller, Filbertworm	t	0	Apply when leafroller eggs are hatching. Repeat on first appearance of adult filbert moths and again 3 to 4
CROP	INSECT	PRODUCT /ACRE	INTERVAL (DAYS)	SPECIFIC DIRECTIONS	Olives	Olivescale	34 to 1	0	weeks later. For optimum scale control
Aktional	Peach twip borer, San Jose Scale, Fruittree leatroller Navel orangeworm	1	28 28	Apply in "popcorn" or petal fall stages and again when the May brood of the peach two borer begins to hatch or thereafter as needed. Time early and mid season					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 15 quarts of this product per
			r	applications to correspond to moth flight peaks. Make a late season application at initiation of huil split or up to 10% huil split. Do not apply more them for up to reac apply	Peaches, Apricot, Nectarines	Apple pandemis, Codling moth, Cucumber beetles, European earwig,	1	1 (peaches) 3 (apricots	acre per application. Do not apply more than 6 quarts of this product per acre per application to apricots.
Apples, Pears	Apple aphid, Apple rust mite, Acple sucker, Bayworms, California pearstug (pear sawfty), Codling mccn, Eyespotted bud moth,Green Fultworm, Lecanium scales Lesser appleworm,	34 to 1	3410 1	more than 5 quarts per acre. WEST OF ROCKY MOUNTAINS To avoid undesired apple thinning, delay use until at least 30 days after full bloom. For psylia control apply when eggs hatch or young nymphs are present.		Fruithree leafroller, Japanese beetle, June beetles, Lesantum scales, Lesser peachtree borer, Oive scale, Orange tortrix, Oriental fruit moth, Peach Twig borer, Periodical cicada, Perodical cicada, Redbanded		& nectarines)	For optimum scale control apply when crawlers are present. Spray limbs and trunk thoroughly, weekly during moth fight.
	Lygus boos. Orange tontrix, Oystershe#scale, Pearleaf bister mite, Pear csylla, Pear cust mite, San Jose scale. Tentiform				Pecans	leafroller, San Jose scale, Tamished plantbug, Tussock moths, Variegated leafroller. Black margined aphid, Fall webworn, Hickory shuckworn,		0	Do not apply more than 7.2 quarts of this product peracre perapplication.
	katminers, Woolly apple aphid Apple mearybug, apple aphid, codling moon, white apple kathopper	1/2		EAST OF ROCKY MOUNTAINS To avoid undesired apple thinning, delay use until at least 30 days after full bloom.	-	Lesserwebworm, Pecan leaf phylloxera, Pecan nut casebearer, Pecan spittlebug, Pecan weevil, Twig girdler, Walnut caterpillar			
-	Apple mappet, Apple natopot, Eagnorms, Eastern text caterpilar, European apple sawily, Eyespotted bud moth, Forbes scale, Fruitmee leafmiller, Green fruitworm, Japanese beetle, Tamishet pant bug, Tentiform leafmillers,	1		For optimum scale control apply when crawlers are present.	Pluns, Prunes, Cherries	Care prize Biackcherry aphid, Brown soft scale, Cherry magod, European earwig, Eyespotted bud moth, Forbes Scale, Fruittree learboiler, Green inubworn, Japanese beetle, Lesser peachtree	t	1	Do not apply more than 6 quarts of this product per acro per application. For optimum scale control apply when crawlers are present. For lesser peachtree bore control, spray limbs and tree trunks thoroughly, weekly during moth flight.
	Lecantum scales Lesser appleworm, Oystershet scale, Pear psylta, Pear leaf blister mita, Pear nust mate, Periodical cicada, Plumciurzio, Redbandeo leafmiller, Rosy apple aphid, San Jose scale, Woolly apple aphid,	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1	1		borer, Meaky ptum aphid, Dystershell scale, Peach Twig borer, Plem curcuiliko, Prune leafnopper, Redbanded leafnoller, Rose chater, San Jose scale, Variegated leafnoller Codingmoth, Eastern tent	34		
Chestnuts	Yellowfieaded firaworm, Chestnut weevil	2to3	1	DO NOT USE IN CALIFORNIA. Make 4 applications at	Walnut	caterpillar, Orange tortro, Tussock moth Calico scale, European fruit	×	0	Apply 1000 gallons of dilute spray per acre for mature
				weekly intervals beginning in late July for adult chestnut weevic control. Last application should be made prior to shuck split.		lecanium, Filbertworm, Fruittree leatroller, Frosted scale			trees.

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CROP	INSECT	QTS. OF THIS PRODUCT /ACRE	EST INTERVAL (DAYS)	SPECIFIC DIRECTIONS
Walnutcontd.	Codling moth			For codling muth apply when average cross sectional clameters of developing nuts are ½ to ¾ Inch. Repeat during middle or late June as needed.
	European earwig	2	O	Spray tree trunks to point of run-

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 dilute sprays, 30-100 gallons for concentrate sprays and 10-25 gallons for aerial sprays. Do not exceed maximum label rate per acre per application.

CBDP	INSECT	QTS. OF THIS PRODUCT /ACRE	PRE- Harvest Interval (Days)	SPECIFIC DIRECTIONS
Blackbernes, Raspbernes, Dewbernes, (including boysencernies and loganbernes)	European raspberry aphid, Japanese beetle, Leafnoppers, Leafrollers, Rose chater, Snowy tree cricket	1to2	7	
	Omnivorous leatroller, Raspberty sawity	2		CALIFORNIA ONLY
Bluebernes	Blueberry maggot, Cherry intitworm, Cranberry fruitworm, futworm, European fruit lecanium, Japanese beetle	11/2	0	Apply 3 weeks before harvest and repeat as necessary.
Cranbernes	Cutwoms, Cranberry firewoms, Cranberry fruitwom, Japanese beetle, Leathoppers, Rose chater	1½ to 3	1	Apply in late bloom and as needed at 7 to 10 day intervals. CAUTION: May kill shrimp and crabs. Do not use in areas where these are important resources.
Grapes	European fruit lecanium, Grape leaffolder, Grape leaffolder, Grape leaffolder, Grape leaffolger, Western grapeleaf skeletonizer, Western yellowstriped armyworm	1 to 2	0	Apply before first broad leaffolder lavae emerge from rolls.
	Cutworms, Eight spotted forester, Grape berry moth, Japanese beetle, June beetles, Orange tormo, Oranivorous leafolder, Redbanded leafolder, Saltmarsh caterpillar	2	0	
Strawbernes	Flea beetles, Meadow spittebug, Ornalvorous leattier (strawberry fruthvorni), Strawberry leatroller, Strawberry weevil	1102	1	Carbaryl may injure Early Dawn and Sunrise varieties on the Delmarva Peninsula.

POULTRY INSECT CONTROL

POULTRY	INSECT	SPECIFIC DIRECTIONS
Chickens, Ducks, Gesse, Gamebrids, Pigeons, and Turkeys	Chicken mite, Fleas, Lice, Notthern Fowt Mite	For use as a direct mist spray on birds by: st. Misting with Electric Fog Machine: Mix 10 ounces of this product in 1 gallon of spray. Use 11/2 gallons per 1000 hensin cages, on litter or on slatted floor. Repeat in 4 weeks if necessary, OR 2. 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 slatted floor. Repeat in 4 weeks if necessary. Direct mistspraying tor chicken mite and fleas is a supplement to spraying roosts and buildings for con- trol of these pests. Do not apply to poultry and game birds within 7 days of slaughter.
Rooss and Buildings	Bedbuos, Chicken mite, Fleas, Fowt tick, Lesser metworms, Lice Northern towt mite	Spray roosts and buildings with conventional power spray or Mapsackequipment. For chicken mite, fleas and bedbugs, use 4 quarts of this product per 100 gallons of water. For lesser mealworms, use 50 quarts per 100 gallons. Spray 1 to 2 gallons per 1000 square leet of wall bedding, litter or roost surface. Force spray into cracks. Repeat as needed. Avoid spraying nests, egos and feeding and watering troughs. Venti- late while spraying. D on ot treat premises within 7 days of staughter.

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TREE? 'ND ORNAMENTALS For dilute-spray ground at bions to trees (including shade trees, shelter belts, forests, planta, uis, parks and recreation areas), ornamen-tals, 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 aenial applications, parks and recreational areas) and commer-cially grown ornamentals, woody plants and shrubs, apply the specified dosage per acre in sufficient spray volume to provide thorough coverage. Avoid direct application to lakes, streams and ponds.

AMOUNT OF THIS PRODUCT TO PREPARE

1 oz.	1 qt.	Use sufficient spray volume to obtain thorough coverage of upper and lower leaf surfaces. To control scale linseds, treat trunks, sterns, and twigs in addition to plant follage. 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 Maple leafcutter on sugar maple should be made when larvae are in 2nd linstar after mining, and as cases are being formed.
18 oz.	4 gais.	Effective as a preventive treatment only. Repeat annually as required to prevent beetle attacks. Apply 1 gation of spray per 50 square feet of bark in May to early July or prior to beetle attack. Treattree trunks from ground level up until trunk diameter is less than 5 inches. Applications for control of Eim bark beetle should consist of 20-30 gations of spray for 50 foot height of elm bree for thorough powerage of
	1802.	18 oz. 4 gais.

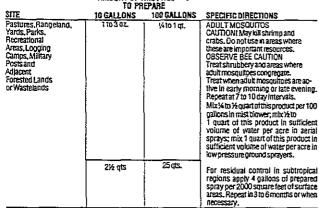
LAWNS AND RECREATIONAL AREAS

	INSECT	SPECIFIC DIRECTIONS
u U	Ants, Armyworm, Bluegrass bilbug, Certipedes, Chiogers, Chinchbugs, Cutworms, Earwig, Essexskipper, European chaler, European crane fty, Fall armyworm, Fiery skipper, Flass, Grasshoppers, Lucene moth, Millipedes, Mosquitoes, Sod Wetworms, (awn moths), Sowbugs, Spittlebugs, Springtaks, Ticks, White grubs, Yellowstriped armyworm	Use 6 fl. oz. of this product per 1000 square feet (8 quarts per acre) of turf grass. Make application in sufficient spray weijume for thorough coverage and turf thatch penetration. Repeat treatment as necessary. For Anny worm, Gutworm, Fall Armyworm and Sod Weinworm Control: Do not inrigate treated areas following insecticide application. For Chinch Bug Control: Treat entire turf grass area rather than just damaged areas. Irrigolio of turf grass area before insecticide application will aid in penetration intoturf grass. For White Grub Control: Surface, usually during late March through May, or July to early September or as recommended by local Agricultural Extension Service Agents. Water or irrigate turf grasses
	Imported Fire Ants	(Refer to OUTDOORS section of PEST CONTROL IN AND AROUND BUILDINGS)
		AROUND BUILDINGS)

SITE Turt grasse

MOSQUITO CONTROL

AMOUNT OF THIS PRG



PEST CONTROL IN AND AROUND BUILDINGS

General Information

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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 draperies as staining may occur. Care should also be exercised to avoid spotting of wallpaper and fabrics. Do not use this product in commarcial 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.

Indooi ANTS/CRICKETS/FIREBRATS/SILVERFISH: Mix 3 oz. this product per gallon 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 baseboards, 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

freatby cracks and creates, between and under cushions and upholscrete fumiture, 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. product 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 Australian rotach, blow model, show of whether and apply as a fine, fow 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, sinks, stoves, 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, comers, pipes, storage areas, attlcs 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 PEHIME IEH THEATMENT: Hesidual spray for control of arms, bees and wasps, brown dog ticks, carpenter ants, centipedes, cockroaches, crickets, earwigs, firebrats and silverfish, fleas, millipedes, scorpions and spider. Mix 16 oz. this product per 50 gations 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 chould be minimed are triated to apply and areas and ther areas under the structure. should be minimal 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 (½ fl. cz. per gallon). Apply a total of 2 gallons of the dibute solution over the surface of each mound or at least 1 quart per 6 inches of mound dlameter using a bucket, can or other appropriate equipment. Thoroughly wet mound an surrounding area to a 4 ft. diameter (12 sq. ft.). Do not distum 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 appropriate hour proving on the provided by the second apply in cool weather, 65-80°F, or in early moming or late evening hours. Repeat 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. 5 54

FORMULATED FOR PLATTE CHEMICAL CO. 150 SO. MAIN STREET FREMONT, NEBRASKA 68025-5697

NOTICE

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NOTICE PLATTE WARRANTS AT THIS PRODUCT CONFORMS TO THE CHEMICAL DESCRIIL NO NTHE LABEL THEREOF AND IS REASONABLY 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 PRODUCT. CROP INJURY, INEFFECTIVENESS, OR OTHER UNINTENDED CONSE-QUENCES MAY RESULT BECAUSE OF SUCH FACTORS AS WEATHER CONDITIONS, PRESENCE OF OTHER MATERIALS, OR THE MANNER OF USE OR APPLICATION, ALL OF WHICH ARE BEYOND THE 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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