

Di-Syston 8

Emulsifiable Systemic Insecticide

NEW
8 POUND
PER GALLON
FORMULATION

Formulated for effective soil treatment.

Contains 8 lbs. O,O-Diethyl S-[2-(ethylthio) ethyl]
phosphorodithioate per gallon.

ACTIVE INGREDIENTS:
O,O-Diethyl S-[2-(ethylthio) ethyl] phosphorodithioate . 85%
Aromatic Petroleum Distillate 15%
INERT INGREDIENTS: 12%
100%

EPA Reg. No. 3125-307
EPA Est. 3125-MO-1

STOP - Read the label before use.

DANGER  **POISON**

Keep out of reach of children.
(See side panel for antidote and danger statements)

NET CONTENTS 2 GALLONS



Mobay Chemical Corporation
Agricultural Chemicals Division
Box 4913, Kansas City, Mo. 64120

ACCEPTED

OCT 30 1978

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, and the pesticide
registered under
EPA Reg. No. 3125-307

DANGER  **POISON**

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective clothing, natural rubber gloves, and goggles.

Do not breathe fumes or spray mist. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part II.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity. Wash hands, arms, and face thoroughly with soap and water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

TREATMENT: In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. If swallowed, administer milk or water freely and induce vomiting by giving one dose (1/2 oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 30 minutes, administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Professional medical assistance should be secured immediately.

If on skin, remove contaminated clothing and wash skin immediately with soap and warm water.

If eyes are contaminated, wash with flowing water for at least 15 minutes.

To physician.

ANTIDOTE—Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

DI-SYSTON is a Reg. TM of the Parent Company of Farbwerke Bayer AG, Leverkusen 502520

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ORGANIC PHOSPHATE COMPOUND
MIXTURE, LIQUID

FRONT PANEL
Photo reduced to 65% of original size

REAR PANEL
Aviso.

AL USUARIO: Si usted no puede leer o entender ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

(TO THE USER: If you cannot read or understand English, do not use this product until the label has been fully explained to you.)

Directions for use.

For complete directions for use refer to supplemental labeling accompanying this container.

IMPORTANT: Read these entire Directions and Conditions of Sale before using DI-SYSTON 8 emulsifiable systemic insecticide.

CONDITIONS OF SALE: The directions on this label were determined through research to be the directions for correct use of this product. This product has been tested for a range of weather conditions similar to those weather conditions that are ordinary and customary in the geographic area where the product is used. Insufficient control of pests may result from the occurrence of extraordinary or unusual weather, or from failure to follow label directions. In addition, failure to follow label directions may cause injury to the crop to which the product is applied, other crops, animals, man, or the environment. Mobay and the seller offer, and the buyer accepts and uses, this product subject to the conditions that extraordinary or unusual weather, or failure to follow label directions are beyond the control of Mobay and are, therefore, the responsibility of the buyer.

Restrictions

Not for home garden use. Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not treat food crops grown in the greenhouse. Do not apply in any manner not specified on the label.

This product is toxic to fish, shrimp, crab, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

Container Disposal.

DO NOT REUSE THE CONTAINER—Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Rinse empty can by filling with water and adding 2 tablespoonsful of household lye. Bury rinse solution at least 18 inches deep in an isolated area away from water supply. Punch holes in the top and bottom of the can, crush the can, and bury deeply in an isolated location.

Do not use container in any connection with feed, food, and drinking water.

3125-307
10-30-1978

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product name the label has been fully explained to you.)

ACTIVE INGREDIENTS:

O,O-Diethyl S-[2-(ethylthio)ethyl]
phosphorodithioate 85%
Aromatic Petroleum Distillate 3%
INERT INGREDIENTS: 12%
100%

EPA Reg. No. 3125-307

Contains 8 lbs. O,O-Diethyl S-[2-(ethylthio)ethyl]
phosphorodithioate per gallon.

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(See reverse panel for antidote and danger statements)



Mobay Chemical Corporation
Agricultural Chemicals Division
Box 4943, Kansas City, Mo. 64120

DIRECTIONS FOR USE.

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DI-SYSTON systemic insecticide enters the plant by absorption through the roots. The insecticide placed near the roots is translocated to all parts of the plant and kills sucking insects feeding on the plant.

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The formulation of DI-SYSTON 8 is highly versatile and offers many forms of application. It can be sprayed or injected into the furrow at planting time or soil injected as a side-dress treatment at planting time or after plants become established. Applications may be made in water emulsion, with liquid fertilizer, or undiluted in specially designed equipment for low volume soil injection but never on crops for which less than 1 quart liquid concentrate per acre is the recommended dosage. When mixing with certain liquid high phosphorous fertilizers, the use of COMPLEX® compatibility agent or other equivalent agents at the rate of 1 quart per 100 gal. of mixture may be needed to assure proper mixing. Time and method of application and limits for use are discussed in detail for each specific crop under "Remarks" below.

RECOMMENDED APPLICATIONS.

IMPORTANT: When used on cotton, sugar beets, tomatoes, beans, or lettuce at the maximum recommended rates under adverse conditions such as extremely cool or wet or extremely dry weather, DI-SYSTON may cause some delay in emergence, stunting of seedlings, or reduction of stand. Such damage may be more pronounced in light sandy soils. Plant injury may also occur or may be enhanced when certain pre-emergent herbicides are used in conjunction with DI-SYSTON.

CROP	INSECT	DOSAGE DI-SYSTON 8	REMARKS
FIELD CROPS Barley Oats	Aphids Mites	1 pint per acre	Apply as a soil injection in a water emulsion or with liquid fertilizer at planting time. Do not apply within 60 days of harvest. Do not graze or cut for forage within 30 days of treatment.

RECOMMENDED APPLICATIONS.

CROP	INSECT	DOSAGE DI-SYSTON 8	REMARKS											
Corn	Rootworms Aphids Leafhoppers Mites Thrips	1.2 fl. ounces per 1000 feet of row (for any row spacing* (for 40 inch row spacing use 1 pint per acre)	TREATMENT AT PLANTING TIME: As a water emulsion in 4- to 6-inch band directly behind the planter of the press wheel or apply with liquid fertilizer on each side of the corn row. Do not apply directly to the seed. Do not forage or cut treated corn for food, feed or ensilage within 28 days of treatment. POST-PLANT SIDE-DRESS TREATMENT: An alternative treatment for early season control of aphids, leafhoppers, mites and thrips, may be made in a water emulsion or with liquid fertilizer as a soil injection on each side of the furrow after emergence. Do not forage or cut treated corn for food, feed, or ensilage within 28 days of treatment.											
	Aphids Mites	8 to 16 fl. ounces	FOLIAR TREATMENT: Apply specified dosage per acre as a foliar spray in sufficient water for thorough coverage but not less than 1 gallon total volume per acre. For adult corn rootworms apply when there is an average of 3 to 5 beetles per plant. Do not forage or cut treated corn for food, feed, or ensilage within 28 days of treatment.											
	Corn rootworms (adults)	Note: Apply only one soil treatment and one foliar treatment per crop season.												
Cotton	Aphids Mites Thrips	.75 to 1.2 fluid ounces per 1000 feet of row (for any row spacing*) or 9 to 16 fluid ounces per acre (40 inch row spacing)	Preplant: As a preplant soil incorporated treatment, DI-SYSTON 8 may be applied in approximately a 16 inch band as a water emulsion either alone or with a pre-emergent herbicide. Request Chemagro Bulletin No. DG 6720 for specific recommendations on a herbicide to be used with DI-SYSTON. Planting: Apply as a water emulsion or with liquid fertilizer. Spray in the furrow on either side of the seed or soil inject on each side of the furrow. Do not apply directly on the seed. RATE CHART FOR PREPLANT OR PLANTING TIME APPLICATION <table><tr><th>Heavy Soil</th><th>Medium Soil</th><th>Light Soil</th></tr><tr><td>1.2 fl. ozs. /1000 ft. of row or 1 pt. /acre</td><td>1 fl. oz. /1000 ft. of row or 12 fl. ozs. /acre</td><td>.75 fl. oz. /1000 ft. of row or 9 fl. ozs. /acre</td></tr></table> Post-Plant: If an additional treatment is needed, apply in a water emulsion or with liquid fertilizer as a soil injection on each side of the row. A single post-plant application at rates up to 2 pints/acre may be applied up to first squaring (90 days before harvest) or a single post-plant application at rates up to 1 pint/acre may be applied up to 28 days of harvest. Do not apply more than twice per season. Allow a minimum of 21 days between applications. Read "IMPORTANT" statement under "Recommended Applications" for additional information before use on this crop.	Heavy Soil	Medium Soil	Light Soil	1.2 fl. ozs. /1000 ft. of row or 1 pt. /acre	1 fl. oz. /1000 ft. of row or 12 fl. ozs. /acre	.75 fl. oz. /1000 ft. of row or 9 fl. ozs. /acre					
	Heavy Soil	Medium Soil	Light Soil											
	1.2 fl. ozs. /1000 ft. of row or 1 pt. /acre	1 fl. oz. /1000 ft. of row or 12 fl. ozs. /acre	.75 fl. oz. /1000 ft. of row or 9 fl. ozs. /acre											
Aphids Thrips	3 to 9 fluid ounces Note: If foliar applications are made do not apply soil treatments within the same crop year.	FOLIAR—Prior to Bloom: Apply specified dosage per acre as a foliar spray, using aircraft or ground equipment, in sufficient water for thorough coverage but not less than 1 gallon total volume per acre. Repeat as necessary but do not apply more than 3 times per season with the last application no later than bloom.												
Peanuts	Thrips	6 pints per acre	BROADCAST APPLICATION: Apply specified dosage per acre as a preplant broadcast application. Incorporate into soil to a depth of 3 to 6 inches using a disc or other suitable equipment. Plant crop in usual manner. Do not apply more than once per season.											
	Aphids Leafhoppers Mites Thrips	1.1 to 2.25 fl. ozs. per 1000 ft. of row (for any row spacing*) or 1 to 2 pints per acre (36 inch row spacing)	Apply in a water emulsion or with liquid fertilizer as a soil injection on each side of the seed furrow at planting or inject as a side-dressing after plants are established, and where necessary, at pegging time. Do not apply directly on the seed.											
Sorghum		.9 to 1.2 fl. ozs. per 1,000 feet of row (for any row spacing*) (for 40-inch row spacing use 12 to 16 fluid ounces per acre)	AT PLANTING APPLICATION: FURROW Apply as a water emulsion or in liquid fertilizer in the seed furrow approximately ½ inch above the seed. Do not apply directly on the seed.											
	Aphids (Greenbugs) (See NOTE below)	1.2 fl. ozs. per 1,000 feet of row (for any row spacing*) (for 40-inch row spacing use 1 pint per acre)	AT PLANTING APPLICATION: BAND Apply as a water emulsion or in liquid fertilizer in a 4 to 6 inch band directly behind the planter shoe in front of the press wheel. Do not apply directly on the seed.											
		NOTICE: The following side-dress and/or foliar applications may be made in addition to granular or liquid at planting applications. A total of 5 applications may be made to a single sorghum crop (2 soil applications, granular or liquid, plus 3 foliar applications of rates 8 fluid ounces or less/acre).												
		1.2 fl. ozs. per 1,000 feet of row (for any row spacing*) (for 40-inch row spacing use 1 pint per acre.)	POST PLANTING APPLICATION: SIDE-DRESS Apply as a water emulsion or with liquid fertilizer injected into the row on both sides of the furrow at any time up to boot stage.											
	Aphids (Greenbugs) (See NOTE below)		POST PLANTING APPLICATION: FOLIAR SPRAY—A Maximum of 3 Foliar Applications May Be Made at Rates 8 fluid ounces or Less/Acre. Apply specified dosage per acre in sufficient water to obtain thorough coverage. For aerial application use not less than 1 gallon of water per acre. Use not less than 5 gallons of water per acre with ground equipment. For Midges: Make one application when 50% of the seed heads have emerged from the boot. Make a second application 3 to 5 days later.											
	Sorghum Midges (Arkansas, Louisiana, Oklahoma, Texas)	4 to 8 fluid ounces per acre	DAYS FROM LAST APPLICATION TO HARVEST FOR FOLIAR RATES OF 4 to 8 Fluid Ounces/ACRE <table><tr><th>APPLICATION SCHEDULE</th><th>FOR GRAIN</th><th>FOR FORAGE OR FODDER</th></tr><tr><td>Any soil plus any foliar</td><td>34</td><td>34</td></tr><tr><td>1 or 2 foliars</td><td>7</td><td>28</td></tr><tr><td>3 foliars</td><td>34</td><td>34</td></tr></table>	APPLICATION SCHEDULE	FOR GRAIN	FOR FORAGE OR FODDER	Any soil plus any foliar	34	34	1 or 2 foliars	7	28	3 foliars	34
APPLICATION SCHEDULE	FOR GRAIN	FOR FORAGE OR FODDER												
Any soil plus any foliar	34	34												
1 or 2 foliars	7	28												
3 foliars	34	34												
	Banks grass mites (in Texas, excluding Trans-Pecos area, and in Oklahoma)	8 to 16 fluid ounces per acre	For Banks Grass Mites: The 8 fluid ounce rate may be applied as directed above for aphids. Rates above 8 fluid ounces per acre may not be applied if any soil applications have been made. If rates above 8 fluid ounces per acre are used, do not apply more than twice per crop season nor within 7 days of harvest of grain or 28 days of use as forage or fodder.											
NOTE: Due to greenbug resistance in certain areas, DI-SYSTON used alone may not provide satisfactory control. Consult your local agricultural advisor or Extension Service for recommendations.														

RECOMMENDED APPLICATIONS.

CROP	INSECT	DOSAGE DI-SYSTON 8	REMARKS
Sugar Beets	Aphids Leafhoppers Mites	1 pint per acre	Apply in a water emulsion or with liquid fertilizer. Spray in the seed furrow 2 inches under the seed or inject on each side of the seed furrow at planting or inject as a side-dressing after plants are established. Do not apply directly on the seed. Do not apply more than 3 times per season nor within 30 days of harvest. Allow a minimum of 21 days between applications. Read "IMPORTANT" statement under "Recommended Applications" for additional information before use on this crop.
Sugar- cane (Puerto Rico Only)	Aphids	6 to 9 fluid ounces per acre	Apply specified dosage per acre as a foliar spray in sufficient water for thorough coverage utilizing either an aircraft or ground sprayer. Approximately 4 gallons of water per acre should be used when making aircraft applications. Begin applications when aphids first appear. Repeat as necessary but not more than 4 times per season nor within 28 days of harvest.
Tobacco	Flea beetles	4 pints (½ gallon) per acre	Apply as a water emulsion broadcast spray in sufficient water for thorough coverage. Disk or till the soil to a depth of 2 to 3 inches before setting plants. Do not make more than one field application per crop season regardless of the formulation of DI-SYSTON used.
Wheat (Foliar Appli- cation Spring or Fall) (all states west of the Mississi- ppi River, and in Alabama and Tennessee)	Aphids (Greenbugs) Mites (See NOTE in "REMARKS")	4 to 12 fluid ounces per acre	For application by aircraft or ground equipment: Apply specified dosage per acre in sufficient water, to obtain thorough coverage but not less than 1 gallon total volume per acre. Use the lower rates on plants up to tillering (stooling). Higher rates should be used after plants begin to tiller. For application in liquid fertilizer: Mix 6 to 12 fluid ounces of DI-SYSTON 8 in the amount of liquid fertilizer to be applied per acre. Apply this mixture as a top dressing with suitable ground equipment. Fall Applications: Two applications may be made in the fall. Allow 30 days between applications. Spring Applications: Application at green-up may be made following "fall applications." A second application may be made 30 days following the first spring application. Do not make any applications within 30 days of grain harvest. NOTE: (1) Do not graze treated fields after any application of DI-SYSTON 8. (2) Due to greenbug resistance in certain areas, DI-SYSTON used alone may not provide satisfactory control. Consult your local agricultural advisor or Extension Service for recommendations.
Wheat (Fall)	Hessian fly	1 pint per acre	Apply as a soil injection in water emulsion or with liquid fertilizer at planting time in the fall.
SEED FIELD CROPS Alfalfa	Aphids (pea)	8 to 16 fluid ounces per acre	Apply specified dosage by aircraft or ground equipment in sufficient water to obtain thorough coverage but not less than 1 gallon total volume per acre. Do not apply more than 4 times per season nor within 14 days of harvest. Chaff and hulls from treated seed crop may be used for feed or forage, however, do not cut green crop for these purposes.
FRUIT Pineapple (Hawaiian Islands Only)	Mealybug	2.5 pints per acre	Apply with liquid fertilizer as a soil injection. Repeat as necessary but not more than twice per crop period nor within 60 days of harvest. When 2 treatments are used, do not ensile foliage less than 1 year after last application.
NON- BEARING FRUIT Strawberries (Propagat- ing Plants Only)	Aphids Mites (except cyclamen mite)	2.8 to 5 fluid ounces per 1000 feet of row (for any row spacing*) or 2 to 4 pints per acre (42 inch row spacing)	Apply in a water emulsion or with liquid fertilizer as a soil injection on each side of the row as needed. Do not use fruit from treated plants for food purposes.
NUTS Pecans (South Central & South Western States Only)	Aphids	1.5 to 3 pints per acre	Apply by spraying 6-foot bands of soil on both sides of the trees. The bands should be located under the main drip area of the trees. Work the treated soil to a depth of 2 to 3 inches. On irrigated pecans, apply water as soon as possible after treatment. Make only 1 application per season. Early spring treatment is recommended. Do not harvest nuts within 60 days of treatment.
Pecans	Aphids	4 to 6 fluid ounces	Foliar Applications: Apply specified dosage in 100 gallons of water as a full coverage spray using not more than 400 gallons of finished spray per acre. Repeat as necessary up to 3 times per season. Do not apply within 30 days of harvest. Do not graze grass under treated trees.
VEGETABLES Beans	Aphids Leaf- hoppers Mexican bean beetle (larvae) Mites Thrips	.9 to 1.9 fluid ounces per 1000 feet of row (for any row spacing*) or 1 to 2 pints per acre (30 inch row spacing) (For extremely narrow row spacing, do not exceed the 2 pints per acre rate)	For snap or green Lima beans, apply in a water emulsion or with liquid fertilizer as a soil injection on each side of the seed furrow at planting time only. For dry beans, apply as above at planting time or inject as a side-dressing on each side of the row after plants become established but not within 60 days of harvest. Do not apply directly on the seed. Do not apply more than once per season. Read "IMPORTANT" statement under "Recommended Applications" for additional information before use on this crop.
Brussels Sprouts	Aphids Flea beetles Leafhoppers Mites Thrips	1.1 fluid ounces per 1000 feet of row (for any row spacing*) or 1 pint per acre (36 inch row spacing)	Transplant Seed Beds: Apply evenly over bed area in a water emulsion as a broadcast spray prior to seeding at the rate of 1 pint per acre. Work into the top 2- to 3-inches of soil and plant seed in normal manner. Field Applications: Apply specified dosage in a water emulsion or with liquid fertilizer as an injection on each side of the seed furrow or transplanted row at planting and where necessary, injected as a side-dressing after plants are established. Do not apply directly on the seed. Do not apply more than two field applications per season nor within 30 days of harvest for Brussels sprouts, or 40 days of harvest for cauliflower. Allow a minimum of 21 days between applications.
Cauli- flower	Aphids Flea beetles Leafhoppers		
Broccoli	Aphids Flea beetles Leafhoppers	1.1 fluid ounces per 1000 feet of row (for any row spacing*) or 1 pint per acre (36 inch row spacing*)	Transplant Seed Beds: Apply evenly over bed area in a water emulsion as a broadcast spray prior to seeding at the rate of 1 pint per acre. Work into the top 2- to 3-inches of soil and plant seed in normal manner. Field Applications: Apply specified dosage in a water emulsion or with liquid fertilizer as an injection on each side of the seed furrow or transplanted row at planting or injected as a side-dressing after plants are established. Do not apply directly on the seed. Do not apply more than one field application per season. Do not use within 14 days of harvest for broccoli or 42 days of harvest for cabbage.
Cabbage	Aphids Flea beetles Root aphids	1.7 fluid ounces per 1000 feet of row (for any row spacing*)	
Lettuce	Aphids Leafhoppers Mites Thrips	.6 to 1.2 fluid ounce per 1000 feet of row (for any row spacing*) or 1 to 2 pints per acre (20 inch row spacing*)	Spring or Summer Seeded Lettuce: Apply in a water emulsion or with liquid fertilizer as an injection on each side of the seed furrow at planting time only. Use the higher rate on heavy organic soils. Do not apply directly on the seed. Do not apply to transplanted lettuce. Fall or Winter Seeded Lettuce: Apply specified dosage in a water emulsion or as a soil injected side-dressing with liquid fertilizer at thinning time. Do not apply within 60 days of harvest. Read "IMPORTANT" statement under "Recommended Applications" for additional information before use on this crop.

RECOMMENDED APPLICATIONS.

CROP	INSECT	DOSAGE DI-SYSTON 8	REMARKS
Peas	Aphids Leafhoppers	1 to 2.5 pints per acre	Apply in a water emulsion or with liquid fertilizer as an in-furrow spray or as an injection on each side of the seed furrow at planting or injected as a side-dressing after plants are established. Do not apply more than once per season nor within 50 days of harvest.
Potatoes	Aphids	3 to 4 pints per acre	SOIL APPLICATION—PRE-PLANT BROADCAST: Apply specified dosage per acre as a preplant broadcast application. Incorporate to a depth of 2 to 3 inches. Plant crop in usual manner. Do not make more than two soil applications of DI-SYSTON per crop season regardless of method of application or formulation used.
	Aphids Flea beetles (except tuber flea beetles) Leafhoppers Potato psyllid Southern potato wire-worm Colorado potato beetle (early season reduction)	2.25 to 3.5 fl. ozs. per 1000 feet of row (for any row spacing*) (for 38 inch row spacing use 2 to 3 pints per acre)	SOIL APPLICATION—FURROW: Apply undiluted in specifically designed equipment for low volume soil injection, or apply in a water emulsion, or with liquid fertilizer as an in-furrow spray, or injection on each side of the seed furrow at planting. An additional side-dress application may be made as a water emulsion injection after plants become established. Do not make more than two soil applications of DI-SYSTON per crop season regardless of method of application or formulation used. Do not apply second soil application within 75 days of harvest. Higher rate to be used in organic soils.
	Green peach aphids	6 to 16 fluid ounces per acre	FOLIAR APPLICATIONS: Apply specified dosage per acre in sufficient water to obtain thorough coverage, but not less than 1 gallon total volume per acre. Begin applications when pest first appears. Use the higher rates for heavy infestations. Repeat as necessary, but not more than 3 times per season nor within 30 days of harvest.
	NOTE: Foliar applications may be made following at-planting soil treatment as recommended above or on the label for DI-SYSTON 15% Granular.		
Spinach	Aphids Leafhoppers Mites Thrips	.6 fluid ounces per 1000 feet of row (for any row spacing*) or 1 pint per acre (20 inch row spacing)	Apply in a water emulsion or with liquid fertilizer as an injection on each side of the seed furrow at planting time only. Do not apply directly on the seed.
Tomatoes	Aphids Flea beetles Leafhoppers Leaf miners Mites Colorado potato beetle (early season reduction)	1.2 to 3.5 fluid ounces per 1000 feet of row (for any row spacing*) or 1 to 3 pints per acre (38 inch row spacing)	Transplant Seed Beds: Apply evenly over bed area in a water emulsion as a broadcast spray prior to seeding at the rate of 3 pints per acre. Work into the top 2- to 3-inches of soil and plant seed in normal manner. Field Applications: Apply specified dosage in a water emulsion or with liquid fertilizer as an injection on each side of the seed furrow or transplanted row at planting time. Do not apply directly on the seed. Where 2 field applications are required, use only 1.2 to 2.4 fluid ounces per 1000 feet of row, or 1 to 2 pints per acre, injected on each side of the seed furrow or transplanted row at planting and as a side-dressing after plants are established. Allow a minimum of 21 days between applications. Do not apply within 30 days of harvest. (NOTE: Florida Only— Rates up to 10.5 fluid ounces per 1000 feet of row, with a 72-inch row spacing, may be applied to highly alkaline soils as an injection on each side of the seed furrow or transplanted row at planting time only; or where 2 field applications are required, up to 5.25 fluid ounces per 1000 feet of row with a 72-inch row spacing, at planting time and up to 5.25 fluid ounces per 1000 feet of row as a side-dressing after plants become established. Do not apply within 30 days of harvest.) Read "IMPORTANT" statement under "Recommended Applications" for additional information before use on this crop.

*ON ROW CROPS WHERE ROW SPACING IS EXTREMELY NARROW, DO NOT PLACE TREATED ZONES (BAND OR FURROW) CLOSER TOGETHER THAN 6 INCHES.

RESTRICTIONS.

Not for home garden use. Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not treat food crops grown in the greenhouse. Do not apply in any manner not specified on the label.

This product is toxic to fish, shrimp, crab, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not

contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

CONTAINER DISPOSAL.

DO NOT REUSE THE CONTAINER—

Completely empty the contents and bury the unused chemical at least 18 inches deep in an isolated location away from water supplies.

Rinse empty can by filling with water and adding 2 tablespoons of household lye. Bury rinse solution at least 18 inches deep in an isolated area away from water supply. Punch holes in the top and bottom of the can, crush the can, and bury deeply in an isolated location.

Do not use container in any connection with feed, food, and drinking water.

DANGER



POISON

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes, on skin, or on clothing. Wear protective clothing, natural rubber gloves, and goggles.

Do not breathe fumes or spray mist. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11.

Do not contaminate feed or food. Keep out of reach of children. Keep all unprotected persons out of the operating area or vicinity. Wash hands, arms, and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse.

SYMPTOMS OF POISONING: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

TREATMENT: In case of poisoning, call a physician immediately. Have patient lie down and keep quiet. If swallowed, administer milk or water freely and induce vomiting by giving one dose (½ oz. or 15 ml.) of syrup of ipecac. If vomiting does not occur within 30 minutes,

administer second dose. If syrup of ipecac is not available, induce vomiting by sticking finger down throat. Repeat until vomit fluid is clear. Professional medical assistance should be secured immediately. If on skin, remove contaminated clothing and wash skin immediately with soap and warm water. If eyes are contaminated, wash with flowing water for at least 15 minutes.

TO PHYSICIAN.

ANTIDOTE—Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal and may be administered in conjunction with atropine.

Compound inhibits cholinesterase resulting in stimulation of the central nervous system, the parasympathetic nervous system, and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

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