

RECOMMENDED **DI-SYSTON** 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.

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using DI-SYSTON 10% Granular.

CONDITIONS OF SALE: These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro Corporation and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

DI-SYSTON 10% Granular is a systemic insecticide that enters the plant through the root system. The insecticide when placed near the roots, is picked up and moves in the sap stream to all parts of the plant where it kills insects as they feed on the plant.

DI-SYSTON 10% Granular formulation is highly versatile and may be applied by various methods. It can be drilled in the furrow with seed, broadcast, or banded on each side of the seed furrow. Foliage broadcast application may be applied by ground or air equipment. Time and method of application and limits for use are discussed in detail for each specific crop under "Remarks" below.

As a preplant treatment for ornamental flowers, shrubs, and trees, apply granules evenly to seed bed and mix into soil; seeds or transplants are then placed in the normal manner. Established plants may be treated by distributing granules uniformly under foliage canopy. Mixing the granules into top soil and watering will accelerate entry into the plant, as the chemical will leach into the root zone and be taken up by the root system.

SEED CROPS

Applications at the rates shown may be made at any time to all crops listed on this label provided they are being grown for seed purposes only and are not to be used for feed, food, or forage. For specific recommendations regarding timing of applications, etc., consult your local Agricultural Experiment Station or Extension Service.

RESTRICTIONS

Not for home garden use. In commercial topping of flowers by hand, clean gloves should be worn. Do not use on other crops used for food or forage. Use

DANGER

Poisonous if swallowed, inhaled, or absorbed through the skin. Rapidly absorbed through the skin. Do not get in eyes or on skin. Do not breathe dust. Wear protective clothing and cotton or natural rubber gloves. If cotton gloves are used, they must be laundered or discarded after each day's use. Do not wear the same gloves for other work. Rubber gloves should be washed with soap and water after each use.

When using DI-SYSTON 10% Granular on non-food crops in greenhouses or other enclosed areas, wear a mask or respirator of a type approved by the U. S. Department of Agriculture for DI-SYSTON protection.

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 re-use.

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, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until vomit fluid is clear. 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.



POISON

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 parasymp-

CROP	INSECT	DOSEAGE—DI-SYSTON 10%	REMARKS						
FIELD CROPS									
Alfalfa	Aphids, Mites	10 pounds per acre	Apply by broadcast treatment as needed. Allow a minimum of 28 days between applications.						
Clover	Aphids, Mites	10 pounds per acre	Apply by broadcast treatment as needed but not within 7 days of harvest or grazing. Allow a minimum of 28 days between applications.						
Barley, Oats	Aphids, Mites	10 pounds per acre	Apply by drilling or broadcast at planting time, or as a broadcast after emergence. Do not apply more than twice per season nor within 60 days of harvest. Allow a minimum of 21 days between applications. Do not graze or cut for forage within 30 days of treatment.						
Corn	Rootworms, Aphids, Leafhopper, Mites, Thrips	12 ounces per 1000 feet of row (for any row spacing) or 10 pounds per acre (40 inch row spacing) Note: Do not apply to corn more than twice per season regardless of the method of application.	Corn Rootworms: For control of rootworms, place the granules in a 4- to 6-inch band directly behind the planter shoe in front of the press wheel. Do not place granules in direct contact with the seed. A second application of DI-SYSTON granules may be applied to the soil as a side-dress treatment later in the season. Aphids, Mites, Thrips, and Leafhoppers: For control of these insects apply DI-SYSTON granules to the soil as a side-dress treatment or to the foliage by broadcasting into the whorl. Do not apply DI-SYSTON within 40 days of harvesting for food, feed, or ensilage.						
Cotton	Aphids, Mites, Thrips	7 to 12 ounces per 1000 feet of row (for any row spacing) or 6 to 10 pounds per acre (40 inch row spacing)	At Planting: Place the granules in the seed furrow or in a band on each side of the furrow.						
			RATE CHART FOR PLANTING TIME APPLICATION						
			<table border="1" style="width: 100%;"> <tr> <th>Heavy Soils</th> <th>Medium Soils</th> <th>Light Soils</th> </tr> <tr> <td>12 oz 10% Gran. 1000 ft. of row 10 lbs 10% Gran. acre</td> <td>10 oz 10% Gran. 1000 ft. of row 8 lbs 10% Gran. acre</td> <td>7 oz 10% Gran. 1000 ft. of row 6 lbs 10% Gran. acre</td> </tr> </table>	Heavy Soils	Medium Soils	Light Soils	12 oz 10% Gran. 1000 ft. of row 10 lbs 10% Gran. acre	10 oz 10% Gran. 1000 ft. of row 8 lbs 10% Gran. acre	7 oz 10% Gran. 1000 ft. of row 6 lbs 10% Gran. acre
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			Post Plant (Irrigated Cotton Only) If an additional treatment is necessary make one side-dress application or a single broadcast application over the foliage. Rates up to 20 pounds per acre can be applied to first squaring cotton (90 days before harvest) and rates up to 10 pounds per acre can be applied to within 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 DI-SYSTON Applications" for additional information before use on this crop.						
Peanuts	Aphids, Leafhopper, Mites, Thrips	11 to 12 ounces per 1000 feet of row (for any row spacing) or 10 to 20 pounds per acre (36 inch row spacing)	Place the granules in a band on each side of the seed furrow at planting, as a side dressing after plants are established. Do not apply directly on the seed. Where necessary, granular may be applied in a band over the row or as a side dressing at pegging time.						
Pine	Leafhoppers	20 pounds per acre	Apply as a broadcast application at planting or prior to flooding. Do not apply more than twice per season nor within 100 days of harvest.						
Sugar Beets (California & Wisconsin Only)	Aphids, Leafhoppers, Mites	9 ounces per 1000 feet of row (for any row spacing) or 10 pounds per acre (30 inch row spacing)	Place the granules in the seed furrow 2 inches under the seed or in a band on each side of the seed furrow at planting or apply to foliage and crown after emergence. 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 DI-SYSTON Applications" for additional information before use on this crop.						
Sugar Beets (Arkansas & Missouri Only)	Fruit Wasp	4 ounces per 1000 feet of row (for any row spacing) or 10 pounds per acre (24 inch row spacing)	Apply in a 4 to 6 inch band directly behind the planter shoe in front of the press wheel. The granules should be placed approximately 1 inch above the seed. Do not allow granules to come into direct contact with the seed. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use on this crop.						
Tomatoes	Aphids, Flea Beetles	12 to 16 ounces per 1000 feet of row (for any row spacing) or 20 to 40 pounds per acre (48 inch row spacing)	Apply in a 4 to 6 inch band over the row or as a broadcast treatment immediately before transplanting. Incorporate the granules by working them into the top 2 to 3 inches of soil. Plant crop in the usual way.						
Transplant Beds	Aphids, Flea Beetles	10 to 12 ounces per 100 square feet of bed	Apply evenly over bed area. Work the granules into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than once per season.						
Watermelons	Leafhoppers, Mites, Thrips	10 to 12 pounds per acre	Apply by drilling or broadcast at planting time in the soil.						
Wheat (Fall)	Aphids, Mites, Thrips	10 pounds per acre	Apply by broadcast treatment as needed. Allow a minimum of 21 days between applications. Do not pasture or use treated crop for feed or forage.						
SEED FIELD CROPS									
Beans	Aphids, Mites, Thrips	10 pounds per acre	Place the granules in a band on each side of the seed furrow at planting or as a side dressing after plants are established. Do not pasture or use treated crop for feed or forage. Do not apply directly to seed.						
Cyberbeans	Aphids, Mites, Thrips	10 pounds per acre	Place the granules in a band on each side of the seed furrow at planting or as a side dressing after plants are established. Do not pasture or use treated crop for feed or forage. Do not apply directly to seed.						
FRUIT									
Apple (Polliniferous)	Leafhopper	3 to 5 granules per foot of tree trunk	Distribute granules uniformly under the tree canopy. Do not apply more than twice per year. Make no more than one pre-harvest and one post-harvest application. Do not make the pre-harvest application within 30 days of harvest.						
Peaches	Leafhopper	5 granules per acre	Apply as a broadcast application, typically by aerial or feeding after plants have developed root systems. Repeat as necessary but not more than twice per crop period nor within 60 days of harvest. When two treatments are used, do not ensile foliage less than one year after last application.						
NON-BEARING FRUIT									
Fruit Trees	Aphids, Lace Bug, Leafhoppers, Mites, Thrips, Whiteflies	4 to 20 pounds per tree or 4 ounces per inch of trunk diameter	Spread granules uniformly, from trunk to drip line on all sides. Work into soil and water thoroughly. The higher dosage is recommended for heavy organic or muck soils. For transplanting, equivalent quantities should be applied to planting hole.						
Strawberries	Aphids, Mites, Thrips, Flea Beetles	2 to 5 pounds per 1000 feet of row (for any row spacing) or 10 to 40 pounds per acre (48 inch row spacing)	Apply by side dressing on each side of the row or by broadcasting over the row as needed. Do not use fruit from treated plants for food purposes.						
NUTS									
Walnuts (Late Season)	Aphids	10 to 30 pounds per acre	Apply by treating 6 to 8 inch bands of soil on both sides of the trees. The bands should be located 12 to 18 inches from the base of the trees. Work the granular into the upper 2 to 3 inches of soil. Granules should be applied as soon as possible after treatment. Make only 1 application per season. Early spring treatment is recommended. Do not harvest nuts within 80 days of treatment.						
VEGETABLES									
Beans	Aphids, Leafhopper, Flea Beetle, Fruit Wasp, Mites, Thrips	9 to 15 ounces per 1000 feet of row (for any row spacing) or 10 to 15 pounds per acre (48 inch row spacing)	For snap or green lima beans, place the granules in a band on each side of the seed furrow at planting, time only. For dry beans, apply as above at planting time or 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 DI-SYSTON Applications" for additional information before use on this crop.						
Broccoli, Cauliflower	Aphids, Flea Beetles, Leafhoppers, Mites, Thrips	12 ounces per 1000 feet of row (for any row spacing) or 10 pounds per acre (48 inch row spacing)	Transplant Seed Beds: Apply granules evenly over bed area at the rate of 10 pounds per acre. Work into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative seed bed treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than one seed bed treatment.						
Cauliflower	Aphids, Flea Beetles, Leafhoppers, Mites, Thrips	12 ounces per 1000 feet of row (for any row spacing) or 10 pounds per acre (48 inch row spacing)	Field Applications: Place the granules in a band on each side of the seed furrow or transplanted row at planting and where necessary as a side dressing after plants become established. Do not apply directly to the seed. Do not apply more than two field applications per season nor within 30 days of harvest for Brussels sprouts. Do not apply more than 43 days of harvest for cauliflower. Allow a minimum of 21 days between applications.						
Brussel Sprouts	Aphids, Flea Beetles, Leafhoppers, Mites, Thrips	12 ounces per 1000 feet of row (for any row spacing) or 10 pounds per acre (48 inch row spacing)	Transplant Seed Beds: Apply granules evenly over bed area at the rate of 10 pounds per acre. Work into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative seed bed treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than one seed bed treatment.						
Cabbage	Aphids, Flea Beetles, Leafhoppers	11 to 15 ounces per 1000 feet of row (for any row spacing) or 10 to 12 pounds per acre (48 inch row spacing)	Field Applications: Place the granules in a band on each side of the seed furrow or transplanted row at planting and where necessary as a side dressing after plants become established. Do not apply directly to the seed. Do not apply more than two field applications per season. Do not use within 14 days of harvest for broccoli or 14 days of harvest for cabbage. Spring or Summer seeded lettuce: Use the higher rate on heavy organic soils. Place the granules in a 4 to 6 inch band on each side of the row at seeding time only. Do not apply directly on the seed. Do not apply to transplanted lettuce.						

gloves for other work. Rubber gloves should be washed with soap and water after each use.

When using DI-SYSTON 10% Granular on non-food crops in greenhouses or other enclosed areas, wear a mask or respirator of a type approved by the U. S. Department of Agriculture for DI-SYSTON protection.

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 re-use.

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, induce vomiting by giving a tablespoonful of salt in a glass of warm water. Administer milk or water freely and again induce vomiting until vomit fluid is clear. 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.

WARRANTY AND LIMITATION OF DAMAGES

Chemagro Corporation warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale; subject to the risks referred to therein. Chemagro Corporation makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY, and no agent of Chemagro Corporation is authorized to do so except in writing, with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or values, etc.

Sugar Beets (S. Dakota & Minnesota Only)	Root Maggot	7 ounces per 1000 feet of row (for any row spacing) 10 pounds per acre (42 inch row spacing) Field Application: 30 to 60 days before harvest (for any row spacing) 20 to 40 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Tobacco	Aphids Flea Beetles	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Wheat (Fall)	Root Maggot	7 ounces per 1000 feet of row (for any row spacing) 10 pounds per acre (42 inch row spacing) Field Application: 30 to 60 days before harvest (for any row spacing) 20 to 40 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
SEED FIELD CROPS	Root Maggot	7 ounces per 1000 feet of row (for any row spacing) 10 pounds per acre (42 inch row spacing) Field Application: 30 to 60 days before harvest (for any row spacing) 20 to 40 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
FRUIT	Root Maggot	7 ounces per 1000 feet of row (for any row spacing) 10 pounds per acre (42 inch row spacing) Field Application: 30 to 60 days before harvest (for any row spacing) 20 to 40 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
NON BEARING FRUIT	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
NUITS (Cite 1)	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
VEGETABLES	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Brussels Sprouts	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Cauliflower	Aphids Flea Beetles Leafhoppers	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Broccoli	Aphids Flea Beetles Leafhoppers	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Cabbage	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Lettuce	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Peas	Aphids Flea Beetles Leafhoppers	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Potatoes	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Squash	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
Tomatoes	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
SEED VEGETABLES	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.
ORNAMENTALS	Aphids Flea Beetles Leafhoppers Mites Thrips	10 to 20 pounds per acre (42 inch row spacing) Top soil added.	Apply in a band 1/2 to 3 inches wide in the seed furrow at planting time. Do not apply directly to the seed. Do not apply more than once per season nor within 50 days of harvest.

Note 1. For use by commercial growers or professional applicators only. DO NOT PLACE DI-SYSTON TREATED ZONES (BAND OR FURROW) CLOSER TOGETHER THAN 6 INCHES. 081020

SEED ROPS

Applications of this product should only be made at any time to all crops listed on the label provided they are being grown for seed purposes only and are not to be used for feed, food, or forage. For specific recommendations regarding timing of applications, etc., consult your local Agricultural Experiment Station or Extension Service.

RESTRICTIONS

Not for home garden use. In commercial topping of flowers by hand, clean gloves should be worn. 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.

This product is poisonous to fish and wildlife. Exposed granules on surface of ground may be hazardous to birds. Keep out of lakes, ponds and streams. Do not apply in any manner not specified on the label.

CONTAINER DISPOSAL

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

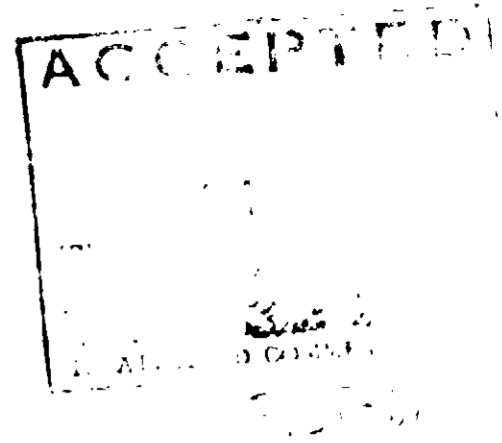
Burn the empty container completely. Exercise extreme caution and stay well away from the smoke. Do not use container in any connection with feed, food, or drinking water.

DI-SYSTON is Reg. TM in U.S. and Canadian Pat. Offs. by Farbenfabriken Bayer A.G., Chemagro Corporation Licensee.

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CHEMAGRO

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DI-SYSTON APPLICATIONS

Reduce at the maximum recommended rates under adverse conditions such as extremely in emergence, stunting of seedlings, or reduction of stand. Such damage may be more pronounced when certain pre-emergent herbicides are used in conjunction with DI-SYSTON.

REMARKS								
Apply by broadcast treatment as needed. Allow a minimum of 28 days between applications.								
Apply by broadcast treatment as needed but not within 7 days of harvest or grazing. Allow a minimum of 28 days between applications.								
Apply by drilling or broadcast at planting time or as a broadcast after emergence. Do not apply more than twice per season nor within 60 days of harvest. Allow a minimum of 21 days between applications. Do not graze or cut for forage within 30 days of treatment.								
<p>Corn Rootworms: For control of rootworms, place the granules in a 4- to 6-inch band directly behind the planter shoe in front of the press wheel. Do not place granules in direct contact with the seed. A second application of DI-SYSTON granules may be applied to the soil as a side-dress treatment later in the season.</p> <p>Aphids, Mites, Thrips, and Leafhoppers: For control of these insects apply DI-SYSTON granules to the soil as a side-dress treatment or to the foliage by broadcasting into the whorl. Do not apply DI-SYSTON within 40 days of harvesting for food, feed, or ensilage.</p>								
<p>At Planting: Place the granules in the seed furrow or in a band on each side of the furrow.</p> <p>RATE CHART FOR PLANTING TIME APPLICATION</p> <table border="1"> <thead> <tr> <th>Heavy Soils</th> <th>Medium Soils</th> <th>Light Soils</th> </tr> </thead> <tbody> <tr> <td>12 oz. 10% Gran. 1000 ft. of row 10 lbs. 10% Gran. / acre</td> <td>10 oz. 10% Gran. 1000 ft. of row 8 lbs. 10% Gran. / acre</td> <td>7 oz. 10% Gran. 1000 ft. of row 6 lbs. 10% Gran. / acre</td> </tr> </tbody> </table> <p>Post Plant (Irrigated Cotton Only): If an additional treatment is necessary make one side-dress application or a single broadcast application over the foliage. Rates up to 20 pounds per acre can be applied to first squaring cotton (90 days before harvest) and rates up to 10 pounds per acre can be applied to within 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 DI-SYSTON Applications" for additional information before use on this crop.</p>			Heavy Soils	Medium Soils	Light Soils	12 oz. 10% Gran. 1000 ft. of row 10 lbs. 10% Gran. / acre	10 oz. 10% Gran. 1000 ft. of row 8 lbs. 10% Gran. / acre	7 oz. 10% Gran. 1000 ft. of row 6 lbs. 10% Gran. / acre
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Place the granules in a band on each side of the seed furrow at planting, or as a side-dressing after plants are established. Do not apply directly on the seed. Where necessary, granular may be applied in a band over the row or as a side-dressing at pecking time.								
Apply as a broadcast application at planting or planting, flooding. Do not apply more than twice per season nor within 100 days of harvest.								
Place the granules in the seed furrow 2 inches on either side of the seed or in a band on each side of the seed furrow at planting, or apply to foliage and crown after emergence. 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 DI-SYSTON Applications" for additional information before use on this crop.								
Apply in a 4 to 6 inch band directly behind the planter shoe in front of the press wheel. The granules should be placed approximately 1 inch above the seed. Do not allow granules to come into direct contact with the seed. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use on this crop.								
Apply in a 6 to 12 inch band over the row or as a broadcast treatment immediately before transplanting. Incorporate the granules by working them into the top 2 to 3 inches of soil. Plant crop in the usual way.								
Apply evenly over the area. Work the granules into the top 2 to 3 inches of soil and see 1 beds in normal manner. An alternative treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than once per season.								
When applied in the above manner, DI-SYSTON will control this wireworm.								
Apply by drilling or broadcast at planting time.								
Apply by broadcast treatment as needed. Allow a minimum of 21 days between applications. Do not pasture or use treated crop for feed or forage.								
Place the granules in a band on each side of the seed furrow at planting or as a side-dressing after plants are established. Do not pasture or use treated crop for feed or forage. Do not apply directly to seed.								
Distribute granules uniformly under the tree canopy. Do not apply more than twice per year. Make no more than one pre-harvest and one post-harvest application. Do not make the pre-harvest application within 90 days of harvest.								
Apply as a broadcast application or locally by basal feeding after plants have developed root systems. Repeat as necessary but not more than twice per crop period nor within 60 days of harvest. When two treatments are used, do not ensile foliage less than one year after last application.								
Spread granules uniformly from trunk to drip line on all sides. Work into soil and water thoroughly. The higher dosage is recommended for heavy organic or muck soils. For transplanting, equivalent quantities should be applied into planting hole.								
Apply by side-dressing on each side of the row or by broadcasting over the row as needed. Do not pasture or use treated plants for feed or forage.								
Apply by treating 2 to 3 inch bands of soil on both sides of the trees. The bands should be located under the main drip line of the trees. Work the granular into the upper 2 to 3 inches of soil. On irrigated plants, apply water as soon as possible after treatment. Make only 1 application per season. Early spring treatment is recommended. Do not harvest nuts within 80 days of treatment.								
For snap or green Lima beans, place the granules in a band on each side of the seed furrow at planting time only. For dry beans, apply as above at planting time or 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 DI-SYSTON Applications" for additional information before use on this crop.								
<p>Transplant Seed Beds: Apply granules evenly over bed area at the rate of 10 pounds per acre. Work into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative seed bed treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than one seed bed treatment.</p> <p>Field Applications: Place the granules in a band on each side of the seed furrow or transplanted row at planting and where necessary as a side-dressing after plants become 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 row-crop or 40 days of harvest for cauliflower. Allow a minimum of 21 days between applications.</p>								

FOR EASY OPENING,



CUT ALONG THIS LINE

DIRECTIONS FOR USE

IMPORTANT: Read these entire Directions and Conditions of Sale, including the Warranty and Limitation of Damages provision, before using DI-SYSTON 10% Granular.

CONDITIONS OF SALE: These Directions for Use reflect the opinion of experts based on tests of effectiveness, of toxicity to plants and laboratory animals and of residues on or in food and feed under normal conditions of use. However, because of the wide range of conditions under which this product may be used, even though label directions are followed, it is impossible to eliminate all risks associated with its use because of abnormal conditions beyond the control of the seller. Chemagro Corporation and the Seller offer, and the Buyer uses, this product subject to the understanding that the Buyer assumes all such risks.

DI-SYSTON 10% Granular is a systemic insecticide that enters the plant through the root system. The insecticide when placed near the roots, is picked up and moves in the sap stream to all parts of the plant where it kills insects as they feed on the plant.

DI-SYSTON 10% Granular formulation is highly versatile and may be applied by various methods. It can be drilled in the furrow with seed, broadcast, or banded on each side of the seed furrow. Foliage broadcast application may be applied by ground or air equipment. Time and method of application and limits for use are discussed in detail for each specific crop under "Remarks" below.

As a preplant treatment for ornamental flowers, shrubs, and trees, apply granules evenly to seed bed and mix into soil; seeds or transplants are then placed in the normal manner. Established plants may be treated by distributing granules uniformly under foliage canopy. Mixing the granules into top soil and watering will accelerate entry into the plant, as the chemical will leach into the root zone and be taken up by the root system.

SEED CROPS

Applications at the rates shown may be made at any time to all crops listed on this label provided they are being grown for seed purposes only and are not to be used for feed, food, or forage. For specific recommendations regarding timing of applications, etc.,



DI-SYSTON

10% GRANULAR

at planting, or apply to foliage and crown a ter... Do not apply more than 3 times per season nor within 30... of harvest. Allow a minimum of 21 days between applications. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use on this crop.

Apply in a 4 to 6 inch band directly behind the planter shoe in front of the press wheel. The granules should be placed approximately 1 inch above the seed. Do not allow granules to come into direct contact with the seed. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use on this crop.

Apply in a 6 to 12 inch band over the row or as a broadcast treatment immediately before transplanting. Incorporate the granules by working them into the top 2 to 3 inches of soil. Plant crop in the usual way.

Apply evenly over the bed area. Work the granules into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than once per season.

Apply by drilling or broadcast at planting time. Do not apply more than once per season. Do not apply within 14 days between applications. Do not apply directly to seed.

Place the granules in a band on each side of the seed furrow at planting or as a side dressing after plants are established. Do not pasture or use treated crop for feed, food or forage. Do not apply directly to seed.

Distribute granules uniformly under the tree canopy. Do not apply more than twice per year. Make no more than one pre-harvest and one post-harvest application. Do not make the pre-harvest application within 90 days of harvest.

Apply as a broadcast application or topically to base leaf feeding after plants have developed root systems. Repeat as necessary but not more than twice per crop period nor within 60 days of harvest. When two treatments are used, do not ensile foliage less than one year after last application.

Spread granules uniformly from trunk to drip line on all sides. Work into soil and water thoroughly. The higher dosage is recommended for heavy organic or much soils. For transplanting, equivalent quantities should be applied into planting hole.

Apply by side dressing on each side of the row or by broadcasting over the row as needed. Do not use fruit from treated plants for food purposes.

Apply by treating 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 granular into the upper 2 to 3 inches of soil. 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 80 days of treatment.

For snap or green Lima beans, place the granules in a band on each side of the seed furrow at planting time only. For dry beans, apply as above at planting time or 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 DI-SYSTON Applications" for additional information before use on this crop.

Transplant Seed Beds. Apply granules evenly over bed area at the rate of 10 pounds per acre. Work into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative seed bed treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than one seed bed treatment.

Field Applications. Place the granules in a band on each side of the seed furrow or transplanted row at planting and where necessary as a side dressing after plants become 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.

Transplant Seed Beds. Apply granules evenly over bed area at the rate of 10 pounds per acre. Work into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative seed bed treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than one seed bed treatment.

Field Applications. Place the granules as a band on each side of the seed furrow or transplanted row at planting or as a side dressing after plants become 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 47 days of harvest for cabbage.

Spring or Summer Seeded Lettuce. Use the higher rate on heavy organic soils. Place the granules in a band on each side of the row at seeding time only. Do not apply directly on the seed. Do not apply to transplanted lettuce.

Fall or Winter Seeded Lettuce. Apply as a side dressing at thinning time. Do not apply within 60 days of harvest. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use on this crop.

Apply by drilling or broadcasting at planting time or as a side-dress on each side of the row after emergence. Do not apply more than once per season nor within 50 days of harvest.

Place the granules in the seed furrow or in a band on each side of the seed furrow at planting. An application may also be made as a side dressing after plants become established. Do not apply within 75 days of harvest. Higher rate to be used in organic soils.

Place the granular in a band on each side of the seed furrow at planting time only. Do not apply directly to the seed.

Transplant Seed Beds. Apply granules evenly over bed area at the rate of 30 pounds per acre. Work into the top 2 to 3 inches of soil and seed beds in normal manner. An alternative seed bed treatment may be made by broadcasting the granules evenly over the plants after emergence and watering thoroughly. Do not apply more than one seed bed treatment.

Field Applications. Apply specified dosage in a band on each side of the seed furrow or transplanted row at planting and where necessary as a side dressing after plants become 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.

Rate of Application. Rates up to 110 lbs. of 10% DI-SYSTON per 1000 feet of row with a 2-inch row spacing may be applied to heavy alkaline soils in a band on each side of the seed furrow or transplanted row at planting time only. Make applications at a rate of 55 lbs. of 10% DI-SYSTON per 1000 ft. of row as a side dressing at thinning time and at a rate of 55 lbs. of 10% DI-SYSTON per 1000 ft. of row as a side dressing after plants become established. Do not apply within 30 days of harvest. Read "IMPORTANT" statement under "Recommended DI-SYSTON Applications" for additional information before use on this crop.

Place the granules in a band on each side of the seed furrow at planting or as a side dressing application after plants are established. Do not apply directly to the seed. Do not pasture or use treated crop for feed, food or forage.

insecticide when placed near the roots, is picked up and moves in the sap stream to all parts of the plant where it kills insects as they feed on the plant.

DI-SYSTON 10% Granular formulation is highly versatile and may be applied by various methods. It can be drilled in the furrow with seed, broadcast, or banded on each side of the seed furrow. Foliage broadcast application may be applied by ground or air equipment. Time and method of application and limits for use are discussed in detail for each specific crop under "Remarks" below.

As a preplant treatment for ornamental flowers, shrubs, and trees, apply granules evenly to seed bed and mix into soil; seeds or transplants are then placed in the normal manner. Established plants may be treated by distributing granules uniformly under foliage canopy. Mixing the granules into top soil and watering will accelerate entry into the plant, as the chemical will leach it to the root zone and be taken up by the root system.

SEED CROPS

Applications at the rates shown may be made at any time to all crops listed on this label provided they are being grown for seed purposes only and are not to be used for feed, food, or forage. For specific recommendations regarding timing of applications, etc., consult your local Agricultural Experiment Station or Extension Service.

RESTRICTIONS

Not for home garden use. In commercial topping of flowers by hand, clean gloves should be worn. 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.

This product is poisonous to fish and wildlife. Exposed granules on surface of ground may be hazardous to birds. Keep out of lakes, ponds and streams. Do not apply in any manner not specified on the label.

CONTAINER DISPOSAL

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

Burn the empty container completely. Exercise extreme caution and stay well away from the smoke. Do not use container in any connection with feed, food, or drinking water.

DI-SYSTON is Reg. TM in U.S. and Canadian Pat. Offs. by Farbenfabriken Bayer A.G., Chemagro Corporation licensee



DI-SYSTON

10% GRANULAR SYSTEMIC INSECTICIDE

FOR EFFECTIVE SYSTEMIC CROP PROTECTION

NET WEIGHT 10 POUNDS

POISON

DANGER

KEEP OUT OF REACH OF CHILDREN

(See side panel for antidote and warning statements)

GUARANTEE

ACTIVE INGREDIENT:
O,O-Diethyl S-[2-(ethylthio) ethyl]
phosphorodithioate† 10%
INERT INGREDIENTS: 90%
100%

†U.S. Patent No. 2,759,010
Canadian Patent No. 518,967

USDA Reg. No. 3125-61

"Chemicals for Agriculture"