		2.5 # 31, ? 4 X
US ENVIRONMENTAL PROTECTION AGENCY	EPA REGISTRATION NO. 34704-248	DATE OF ISSUANCE NOV 4 1985
OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION (75-767) WASHINGTON, DC 20460	TERM OF ISSUANCE	1 1107 1 4 1505
NOTICE OF PESTICIDE: REGISTRATION	NAME OF PESTICIDE PRODU Clean Crop Diaz	ct linon 50 Wettable
(Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended)	Powder	
ME AND ADDRESS OF REGISTRANT (Include ZIP code)	<u>_</u>	
F	Г	161/160310
Platte Chimical Cox		161 100
P.C. Box 1286		18/1
Graeley, CO 80632		/ / /
L	Г	
OTE: Changes in labeling formula differing in substance for abmitted to and accepted by the Registra ion Division prior oduct always refer to the above U.S. EPA registration num	ir to use of the label in commer	
n the basis of information furnished by the registrant, the ne Federal Insecticide, Fungicide, and Rodenticide Act.	above named pesticide is here	by Registered/Reregistered under
copy of the labeling accepted in connection with this Rep	gistration/Reregistration is rel	urned herewith,
egistration is in no way to be construed as an indorsement alth and the environment, the Administrator, on his motion ide in accordance with the Act. The acceptance of any na ct is not to be construed as giving the registrant a right to others.	on, may at any time suspend or are in connection with the regi	cancel the registration of a pest- stration of a product under this
This product is conditionally required (7)(A) provided that you:	etorid in accirdarci	with FUSA C.
1. Submit and/or cite all data rec or your product under PIFRA sec. 3(c)(5 registrants of similar products to subm	5' when the Agenev c	
2. Make the labering changes lieve as r shipment:	of peice territy you r	Goale the treduct
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a. Add the phrase "FPA Requistration	on Rc. 34704-248."	
	its for each endiry h d be based on the pre	cusion of your
 Add the phrase "FPA Requestration b. You must provide centrined limit component, These values should 	its for each and v; b d be nased on the pre actual analytical pr stability data for t	ocedure.
 Add the phrase "FPA Registration b. You must provide continued limit component, These values should weighing processes rather than G. Yen most submit 1 year storage 	its for each endired d be based on the pre- actual analytical pre- stability data for t et this metice.	ng before you
 a. Add the phrase "FPA Registration b. You must provide centrined limit component. These values should weighing processes rather than c. Yeu must submit 1-year storage within 15 menths from the date 3. Submit time (5) copies of your release the preduct for shipment. Rete 	its for each endired d be based on the pre- actual analytical pre- stability data for t et this metice.	ng before you
 a. Add the phrase "FPA Registration b. You must provide certified limit component. These values should weighing processes rather than c. Yeu must submit toyear storage within 15 menths from the date 3. Submit time (5) copies of your release the preduct for shipment. Reference phron of time' printed labeleng. 	its for each endired d be based on the pre- actual analytical pre- stability data for t et this metice.	ng before you

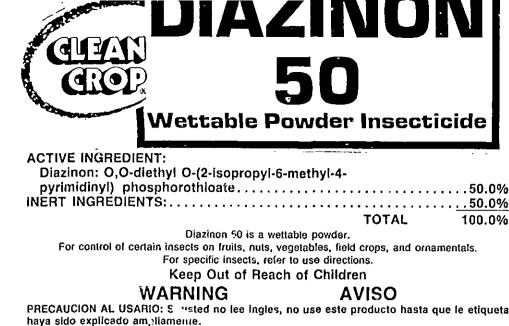
If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca Product Manager (15) Insecticide-Rodenticide Branca Registration Division (TS-767) AH (04)

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Enclosure



See Additional Precautionary Statements Below EPA REG, NO, 34704-

* CLEAN CROP is a Registered T.M. of United Agri Products, Inc.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. May be absorbed through skin, Do not breathe dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans or household pets. Do not permit children or pets to go onto sprayed grass until spray has completely dried.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with linger. Repeat until vomit fluid is clear, Do not induce vomiting or give anything by mouth to an unconscious person. If Inhated: Remove victim to fresh air. Apply artifical respiration if indicated.

If on skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water.

If In eyes: Flush eyes with plenty of water. Call a physician if irritation develops or persists.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

ENVIRONMENTAL HAZARDS

This product is toxic to lish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries (exact for., effuence from treated watercress beda). Do not apply to water that will be used for tecreational purposes and human and fivestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where lish, shrimp, crab, and other aquatic tife are important resources. This product must not be used in areas where impact on threatened endangered species is likely. Contact your Slate Fish and Game Agency before applying this product. Apply this product only a specified on this label.

This pesticide is highly loxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter freated areas without protective clothing until sprays have dried. Recause certain states may reasing point restriction by protection of a state strategies. must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings re given, warnings shall be given in a language customarily understood by workers. ries Lea Ras app per Ras blos mec Dryl as a

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Written warnings must include the following information: WARNING

(Insert area or field description) treated with Diazinon on (insert date of application.) Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Diazinon and describe his condition. For further information see the "STATEMENT OF PRAC-TICAL TREATMENT."

Oral warnings must include the same information that is in the written warnings.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, fcod, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture.

stacking, and penetration of moisture. STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not In use. Reduce stacking height where local conditions, such as humidity or parted overhang, can effect package strength. Personnel should use clothing and equipment consistent with good pesticide handling. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary fandfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

DIAZINON 50 should be mixed with sufficient water to assure thorough coverage unless otherwise noted in the Directions for Use. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control.

Note: The California Department of Agriculture has set a 5-day reentry for Diazinon on citrus, grapes, peaches, and nectarines. Five days should elapse between the time of application and the time a worker may enter the held to engage in any activity requiring substantial contact with treated tokane. When a mature of the criminal production with treated tokane.

cife, diand feed. Keep out of reach of domestic an mais Do not use on humans or household dets. Do not permit ch/idren or pets to go onto sprayed grass until spray has completely dried

STATEMENT OF PRACTICAL TREATMENT If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear, Do not induce vomiting or give anything by mouth to an unconscious person. If Inhaled: Remove victim to fresh air Apply artifical respiration if indicated.

If on skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water.

If In eyes: Flush eyes with plenty of water. Call a physician if irritation develops or persists.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

ENVIRONMENTAL HAZARDS

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This product is toxic to fish, birds, and other wildlife Birds leading on treated areas may be killed. Keep out of takes, streams, ponds, tidal marshes, and estuaries (axcept for. elfluence from treated watercress beds). Do not apply to water that will be used for tecreational purposes and human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. This product must not be used in areas where impact on threatened endarigered species is likely. Contact your State Fish and Game Agency before applying this product. Apply this product only a specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop. cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated

FRUIT AND NUT INSECTS

DIAZINON 50 may be applied using ground or aerial ap-plication equipment. For dilule ground sprays, mix specified rate of DIAZINON 50 and apply at 300 to 600 gals. of water per acre. For concentrate ground sprays, use equivalent rates* of DIAZINON 50 in minimums of 20-50 gals. of water per acre. For aerial applications, use equivalent ground rates of DIAZINON 50 in minimums of 2-5 gals, of water per acre. Observe stated time intervals between last application and harvest.

*NOTE: The rate of DIAZINON 50 for concentrate ground and aerial sprays is based upon a dilute ground spray with conventional ground equipment applied at 300 to 600 gals. of water per acre. If directions call for 1 (b. of product per 100 gals of water, this amounts to 3 to 6 lbs, of DIAZINON 50 per acre when applied as dilute ground spray volumes.

Almonda

Miles, Twig borers: Apply 1-11/2 lbs. DIAZINON 50 per 100 gals. of water as infestations develop

Scales (including San Jose, parlatoria, black, brown, apricol; Mite eggs (including European red mite, brown mite); Twig borers, Aphid eggs (including apple, black cherry, mealy plum); Mealybugs: Apply as a dormant spray 1-11/2 (bs. DIAZINON 50 plus 2-3 gals. of dormant oil or 1-11/2 gals, superior type oil per 100 gals, of water, Almond hulls may be fed to livestock

Apples

Leafhoppers: Apply 1 lb. per 100 gals, of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as intestations develop.

Scales (including San Jose, parlatoria, black, brown, apricol); Mite eggs (including European red mite, brown mile); Twig borers, Aphid eggs (including apple, black cherry, mealy plum}; Mealy bugs: Apply as a dormanl or delayed-dormant spray 1 lb, of DIAZINON 50 plus 2 gals. dormant oil or 1-11/2 gals, superior type oil per 100 gals. of water UI Water

Eyespotted bud moth, Fruittree teatroller, Mealybug: Mix 1 lb. per 100 gals. of water. Make 3-8 cover spray applications, beginning in the pink stage.

customarily understood by workers Written warnings must include the following information: WARNING

(Insert area or field description) treated with Diazinon on (insert date of application.) Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician). clinic or hospital immediately. Explain that the victim has been excosed to Diazinon and describe his condition. For further information see the "STATEMENT OF PRAC-TICAL TREATMENT "

Oral warnings must include the same information that is in the written warnings.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely allect the container or its ability ... function properly. Such conditions include, but are not knuted to, positioning of the container in storage, storage trimperature, potential for crushing or damage due to stacking, and penetration of moisture.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container lightly closed when not in use. Reduce stacking height where local conditions, such as humidity or pallet overhang, can effect package strength. Personnel should, use clothing and equipment consistent with good pesticide handling. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an ap-proved waste disposal facility.

CONTAINER DISPOSAL: Completely emply bag into ap-plication equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

GENERAL INFORMATION

DIAZINON 50 should be mixed with sufficient water to assure thorough coverage unless otherwise noted in the Directions for Use, Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control. Note: The Catifornia Department of Agriculture has set a 5-day reentry for Diazinon on citrus, grapes, peaches, and nectarines. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with realed foliage. When a mixture of two or more organic phosphate pesticides is applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval. Since DIAZINON 50 is a wetlable powder formulation, constant agilation is necessary during application.

Do not apply within 14 days of harvest.

Apples and Pears

Codling moth, Rosy apple aphid, Green apple aphid, Wooly apple aphid, Miles: Mix 1 lb. DIAZINON 50 per 100 gals, of water. Make 3-8 cover spray applications, beginning with the first cover. Applications should be timed according to insect intestations.

Apple maggot: Mix 1 lb, of DIAZINON 50 per 100 gals. of water. Make at least 3 cover spray applications when flies are active and laying eggs.

San Jose scale crawlers, Forbes scale crawlers: Mix 1 Ib. per 100 gals, of water. Apply early in the season when crawlers first appear. If infestation warrants, make a second application 7-10 days later.

Note: Miles will be suppressed if DIAZINON 50 is used in the regular cover spray program. Slight russeting may occur on some varieties of apples, such as Golden Delicious

Do not apply to apples or pears within 14 days of harvest. Apricots

Scales (including San Jose, parlatoria, black, brown apricol, walnut); Mite eggs (including Eropean red mite, brown mite); Twig borers; Aphid eggs (including apple, black cherry, mealy plum); Mealybugs: Apply as a dormant spray 1 lb. of DIAZINON 50 plus 2 gals. of dormant oil or 1-11/2 gals, superior type oil per 100 gals, of water,

Aphids, Brown mite (Clover mite), Twospotted spider mite, Olive scale crawlers, San Jose scale crawlers: Mix 1 lb. per 100 gals. of water. Apply when aphids, miles, and scale crawlers first appear.

Olive scale crawlers: Mix 1/2 lb. of DIAZINON 50 plus 11/2 gats, of light medium horticultural oit per 100 gals, of water. Apply when scale crawlers are present

Apricol mealybug: Mix 1 ib. per 100 gals, of water, Apply as a cover spray from petal fall to June.

Do not apply within 10 days of harvest.

Blueberries

Cranberry fruitworm, Cherry fruitworm, Blueberry maggol, Aphios, Thrips, Twospolled mile: Mix 1 lb. per 100 Unerry rust mite. Mail 2-1 (b) per 100 gais, of water. Apply as a supplemental spray after harvest

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Do not apply within 10 days of harvest Cranberries

Blackheaded fireworm, Rhopobola naevana: Apply 4 lbs. in 400 gals. of water per acre

Cranberry fruitworm: Apply 6 lbs. in 400 gals, of water

001 3018 Do not apply within 7 days of harvest.

Figs

Vinegar Ily (Drosophila spp.), Dried fruit beetle: Apply 1 Ib per 100 gals, of water. Do not apply within 5 days of harvest.

Filberts

Filbert leafroller, Aphids: Apply 2-4 lbs. in 250-400 gals. of water per acre, as a thorough cover spray.

Citrus Fruits (Grapefruit, Lemons, Limes, Oranges, Tangelos, Tangerines, Citrus Citron, Kumquats, and hybrids of these)

Citrus aphid, Cottonycushion scale crawlers, and Soft scale crawlers: Apply 12-1 lb. per 100 gals. of water (maximum 1000 gals, per acre) as a thorough cover spray when aphids and crawler slages of scale insects first appear.

Furthere isatrcyler: Mix Va-1 lb. per 100 gals. of spray (maximum 1000 gals. per acre) when an average of 50 percent of eggs in egg masses have hatched in the

Citrus thrip: Apply 1 lb, in 100 gats. of water (maximum 1000 gals, per acre) when thrips first appear

Str Citrus snow scale: Apply 1-2 lbs. per 100 gals. of water Apt of v (maximum 1000 gals, per acre) as a posibloom spray and again as a summer spray. For heavy snow scale infesta-Cyc tions, use the higher desage rate. Thorough coverage of dire tree trunk, timbs, and twigs is essential. cia

Do not apply during bloom. Do not apply to citrus within 21 days of harvest.

Grapes

Pacific spider mite, Leathoppers, Grape berry moth, Grape leaffolder: Mix 1 lb. per 100 gals. of water and apply as a thorough cover spray, or apply 2 lbs. per acre in sufficient water for thorough coverage. Do not apply within 18 days of harvest.

Drosophila spp.: Mix 6 oz. per 100 gals. of water and apply as a thorough cover spray, or apply a maximum of 18 oz. per acre in sufficient water for thorough coverage when insects first appear. Make additional applications at weekly intervals as necessary. Do not apply within 7 days of harvest. If a spreader-sticker is used, do not apply within 18 days of harvest.

Oilves

Olive scale: Mix 34-1 lb. of DIAZINON 50 plus 11/2 gals. of light medium summer horticultural oit per 100 gals, of water. Apply as a cover spray in June or July

Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest

Peaches and Nectarines

Scates (including San Jose, parlatoria, black, brown, apricol); Mile eggs (including European red mile, brown

VEGETABLE FOLIAR INSECTS

DIAZINON 50 should always be applied as a spray in sulficient water to assure thorough coverage of the foliage. Beans (Pole Beans, Snap Beans, Lima Beans)

Black bean aphid, Mexican bean beetle, Leafminers: Apply 1-11/2 lbs. per acre.

Cucumber beetle: Apply 19-32 ib in 100 gals of water per acre.

Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beet cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Lima Beans

Dipterous leafminer, Leafhoppers, Miles: Apply 1 lb. per acre. Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatmen. I forage is to be cut for hay.

Broccoll, Cabbage, Cauliflower Aphios, Diamonoback moth, Imported cabbageworm, Dipterous leafminer: Apply 1/2-1 lb. per acre. Applications

at 7-10 day intervals will usually be required. Do not apply to broccoli or caulillower within 5 days, or to cabbage within 7 days, of harvest **Brussets Sprouts**

Aphids, Diamonuback moth, Imported cabbageworm: Apply 1 lb. per acre. Applications at 7-10 day intervals will usually be required. Do not apply to brussels sprouts within 7 days of harvest

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Aphids: Apply 1 lb. per acre. Do not apply within 10 days of harvest.

houses, after compost in beds has been pasteurized by heating IDs not spray compost in beds or after spawning. To treat wooden sides of beds, posts, doors, and door trames after pasteurizing, mix 1/2 to in 6 gats, of water and apply with a brush Do not treat compost

On'ons

Onion thrips Apply 1 lb per acre. Do not apply within 10 days of hervest

Peas

Aphilds, Leafminers: Apply 14-1 fb. per acre. Peas may to picked immediately. Pea vines and pea vine hay may be lod to daily and beet callie and sheep. Walt 4 days following treatment if forege is to be out for hey. Pippers

Aphids, Serpentine leafminer. Apply 14 lb. per acre. Oo not apply within 5 days of harvest

Polatues

Aphids, Flea beetles. Colorado polato beetle, Dipterous teatminer. Apply 15-34 tb. per acre

Banded cocumber beette, Leathoppers, Southern armyworm Apply 34-1 lb per acre

Do not apply within 35 days of harvest

Radishes, Parenips, Turnips

Aphids, Flea beet'es, Dipterous leatminer, Apply 15-1 to per acre. Do not apply within 10 days of harvest

VEGETABLE SOIL INSECTS

DIAZINON 50 shou'd always be applied as a spray in sufficient water to assure thorough coverage of the soil

Carrot rust fly Carrots Apply 4 lbs per acre as a drench to the seed furrow at planting time

Culture and	10		A	
Cutworms	(Surface)	and	Stib	ł

Cutworms (Surfa	ice and Subterr	'anean)
Brocco*	Ka'e	Spinach
Brusse's Spreuts	Lettuce	Summer Squash
Cabbage	Lima Beans	Sweet Corn
Canta'oupes	l'usimetons	SAIss Charo
Caulificwer	Partsey	Tematees
Celery	Peas	Watermelons
Collards	Peppers	Winter Soyash
Cucumbers	Potaloos	
Endive (escarc'e)	Snap Beans	

Broadcast 4-8 lbs per aera just prior to planting. Work into the sol immediately, 2-3 in thes for surface outworms, 3-6 inches for subterranean ortworms

Garden symphylans (Centipedes)

Cabbage	Peas	Shap Beans
Carrots	Pole Beans	Ternatees
Corn	Radiches	Ternips
Lettuce	Red Beets	

Broadcast 20 lbs, per acre just prior to planting. Work into sol. 4-8 inches immediately. This preplant treatment will also control other solumsects, outworms (surface and subterraneant, moto crickets root maggots, and wireworms

Mote crickets

Breace!	Endine (eccardie)	Peopers
Brussels Sprouts		Padishes
Cabbage	Lettuce	Tematees
Cauthower	Vustard	Turnips
Collards		
Cauthowor		

Broadcast 2 ths ippriance when insects are present. Maxin application to plant beds or fields 1-2 days prior to sev-ing of seed or transcionting and work into so 11-2 inches Immediately

Onion maggots

Onions Furrow Application Apply 2 ths per acre in sul-



FIELD AND FORAGE INSECTS

DIAZINON 59 should always be applied as a spray in sul-Potent water to assure thorough coverage of the fellage or so I, depending on the type of application

Alfalfa, Clover and Trefoli

Spotteo alfalfa aphio, Yellow clover aphid, Pea aphid, Leathoppers Plant bug nimphs, Miles Apply 34-1 lb per ntre.

Grasshoppers. Apply 1 to per acre-

Cutworms (Surface and Subterranean). Broadcast 4.8. ths, per acrejust prior to planting. Work into the self mmediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms

Dairy and beef call e and sheep (1) may be grazed immediately following application (2) may be fed green allelfs or clover immediately to lowing outling and (3) may b) for bits provide alloring or clayer is not bit for bay for a data filled no trepresent.

Additional terms to constant the events apply 2000 to constant of the events apply 2000 to constant of the events apply 2000 to constant of the terms are the events and the terms are terms

Spinach and Beets

Aphilds, Olpterous leafminer; Apply 12-1 lb. per role. Oo not apply to spinach within 10 days, or to beets within 14 days, of harvest

Squash (Summer and Winter)

Sea Melons and Souash section.

Sweet Com

Corn earworm: Apply 2-21/2 lbs. per acre when silks first appear. Two or three repeat applications at 2-3 day intervals will usually be necessary Corn may be picked immediately following last application. Corn forage may be fed to dairy and beel cattle and sheep.

Refer elso to Corn under Field and Forage Insects.

Aphilos, Opticibus featibilitier: Apply 12 ib. per lacte. To

control leafminers weekly applications are usually required Banderi cucumber beetle, Fali armyworm, Southern ar-

myworm. Apply %-1 lb, per acre

Vinegar Ily (Drosophila spp.) Apply 1/2 11/2 lbs. per acre. Weekly applications are usually required.

Oo not apply within 1 day of harvest.

festation is heavy, make a second application no fater than 10 days alter the first application. Repeat applications as necessary. Do not apply within 5 days of harvest

Potent water to drench the seed furrow at planting time, Breadcast Application, Broadcast 4-8 tbs, per acre just prior to planting. Work into soil 3-4 inches immediately

Root maggots

Brocce's Brusse's sprouts, Cabbage, and Caulinewer: (1) Broadcast Application. Broadcast 4-6 lbs, per acre and immediately work into the soil 3.4 inches before seeding. either in the secdbed or in the field or before transplan Fing (2) Transplant Water (Drench) Application Mix 14-1/2 to in 50 gals of transplant water, when 200-300 gals of water are used per acre. May be applied at the rate of 12-1 cuptul per plant, either by hand or by tractormounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Transplant water treatments may result in stand reduction due to plant stress at time of transplanting

Radishes, Mix 2 lbs in 50 gals, of water, Apply 80-100 gats per acre (1-1% gats, per 1000 linear teel of row) in the seed furrow at planting time

Wireworms		
Braccol:	Endive (escarole)	Snap Beans
Brussels Sprouts	Kale	Spinach
Cabhage	Lettuce	Summer Squash
Cantatoupes	Lima Beans	Sweet Corn
Catrots	Luskine ons	Sweet Potatoes
Caurpower	Onlons	Swiss Chard
Celers	Parsley	Tomatons
Collards	Peas	Watermelons
Cocumbers	Peppers	Winter Squash
Broadcast 6.8 the	ner acto prior to .	nlanting and used

n, or to planting, and work Into soli 4 8 inches immediately

Potatoes. Broadcast 6-12 lbs: per acre prior to planting Immediately dist, or harrow into soil 4-8 inches

Southern potato wireworm

Potatoes (Southeastern U.S.). For potatoes on mineral soils, broadcast 4-8 lbs, per acre prior to pranting, and immediately work into soil 3-6 inches depending on location of witeworms

For subterranean cutworms, apply just prior to planting and work into 3-6 inches of soil immediately Wireworms, Apply 6-8 fbs, per acre prior to planting and

work into 4-8 inches of soil immediately,

Com leaf aphild. Apply 1-2 lbs, per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary Grasshoppers Apply 1 lb per acre

Sap beatte: Apply 2-21/2 lbs per acro. Add 1-2 gats of soluble mineral oil per acro to the spray mixture. Consult local agricultural authorities for proper timing of **Sprays**

Corn may be picked immediately following last application. Comforage may be fed to dairy and baet cattle, and sheep.

Cotton

Solito milas Achids Lashannare Lyon bun Calina Industri Calina International And I alter Calina of Calination and Descent And I alter a calina

. Sugarcane

Aphids: Apply 1/2 th fer act. Note: Allow 1 day between last application and harvest Bagasse and forege may be fed to fivestock

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a'' Lh

Wireworms; Apply 8 lbs per ticre on a 12-inch band centered over the fur, ow in sufficient water to obtain thorough coverage. Wate application directly to set pleces in open furice at covering tin a

Tobacco

Aphids, Flea beetles Apply 12-14 lbs per acre. Do not apply within 3 days of harvest.

Cutworms Broadcast 4 6 lbs per acre before transplanting and work into 2-4 inches of soil immediately. Green June beetle lavae. Mix W to In 50 gats of water and apply as a drench (100 gats, per 100 sq yds) to

RANGE, PASTURE, AND GRASSLAND INSECTS 0 Bermudagrass

Thrips, Whitelies, Grasshoppers, Apply 1 lb. per acre Rangeland, Pasture, Grass Forage, Oltch Banks, Roadsides, Wasteland, Noncrop Areas, Barrier Strips. Grasshoppers, Appl, %-1 to be acre in sufficient water or oil to obtain through coverage, when insects first ap pear, preterably in the sympha: s'age

LIVESTOCK INSECTS

in Sheep "Ticks" (Keds), Lice the High gattonage, high pressure spray Mix 16 to in 100 gals of water, and apply at the rate of 1 gal, per animal, 8Ç Low gationage, tow pressure spray, 1/9, 1 to in 100 gals. of water. Apply at the rate of 1 gt per animal Sprinkler Can Mis 1 oz in 6 gals of water, Crowd sheep Ne m

ORNAMENTAL INSECTS

To control certain insects on ernamentals, such as Arborvitae, A themum, Douglas Fir, Elm, Gladiels Hawthorn, Holly, Juniper, Lifa dren Rese Spruce and Willow apply the recommended rate

Insects

Aphids, Bagwerms, Carnation buo miles, Carnation shoet mile Cyclamen mites Dipterous leafminers European pine shool m mites. Flea boetles, Holly bud moths. Leathoppers, Obscute re Omnivorous leaftiers, Privet mites, Scale crawlers. (Cottonycus Pine needle, San Jose, Soli scale), Thrips, Twospolled miles, Whitefiles

Apple-and-thorn skeletonizers. Cotoneaster webworms, Fall wo chermes, Oak loopers, Obliquebandeo leafrellers, Pear slugs,

Oc not use on Ferns, Poincettia, Hibiscus, Papaya, Pilea, and Mimosa webworms. Mix 12 oz im 3 gals, of water (or 1 tb in 100

when adults first appear. Make a second and third application

LAWN INSECTS

To control insect: listed before anoly recommended rates. For i Crickets, Eervags: Fleas, Millipodes, Sovibugs, and Springtails (C and may enter the house, soray a 5 % band of soil around the h el 2-3 fl. Papen: application il necessary

	Rate/1000 sq. ft.		
inseels	Disz.non 59	Y/ato	
te chineti Buga	2-3 07 C- 3 5 07	25, 024	
Ants, Armyworms Children to Solary Link (Cott, there Children Children Degos wasps, Eanny Interfes a tr Diffourgs, Bod wetworth (Latin mother Solarburgs	/	3 644	
Brewn dog flots, flormadagrass of tes Chiggers Floas Econopars	11, 02	3 g3's	
Millpedes	б 02.	3 gzt:	
Rhodascrass scala.	5 02.	25 gals	

"Application car by made in 3 gats, of water per 1000 sq. ft. T application

Boxelder hugs. Seray burs outside the home with 1%-2% oz in around foundation windows, doors free trunks, and into c

SEED TREATMENT-PL	ANT	ER	00	X THE	ATMENT
Com					No

Seedcom beetle mix 3 oz per bushel of seed as a dry mixture in the citater box as a seed treatment prior to prineting

Corn, Pons, Shimans, and Beans (Lima, Shap, White

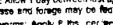
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Ca rate 101 \$00 800 p!n





BroadCast 4-8 los per acre just prior to planting. WCR into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Garden symp	ohylans (Centipede	s)
Cabbage	Peas	Snap Beans
Cerrots	Pole Beans	Tomatoes
Corn	Radishes	Turnips
Lelluce	Red Beets	•
into soil 4-8 în	ches immediately. T	rior to planting. Work his preplant treatment sutworms (surface and

subterraneal.) mole crickets, root maggots, and wireworms. Mole crickets Broccoli Endive (escarole) Peppers Brussels Sprouts Kale Radishes Cabbage Lettuce Tomatoes Cauliflower Mustard Turnios

Collards Broadcast 2 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches

immediately.

Onlon maggols Onions: Furrow Application: Apply 2 lbs. per acre in sul-

FIELD AND FORAGE INSECTS

DIAZINON 50 should always be applied as a spray in sufficient water to assure thorough coverage of the foliage or soil, depending on the type of application.

Alfalfa, Clover and Trefoll Spotted alfalfa aphid, Yellow clover aphid, Pea aphid, Leathoppers, Plant bug nymphs, Miles: Apply ¼-1 lb. per acre.

Grasshoppers: Apply 1 lb. per acre.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be ted green alfalfa or clover immediately following cutting, and (3) may be fed hay provided alfalfa or clover is not cut for hay for 7 days following treatment.

Alfalfa weevil Jarvae; For control in the spring, apply 2-3 lbs. per acre when feeding damage to growing tips becomes evident. Repeat application, if necessary. If damage is already extensive, cut the hay and make application to the slubble. Do not graze dairy and beef animals or sheep for 2 days. Do not cut for hay for 10 days following treatment.

Do not spray livestock directly except as indicated below under Livestock Insects, with either air or ground equipment.

Do not treat during bloom to avoid injury to pollinating insects.

Corn

Corn rootworm larvae--

(Postemergence Basal Treatment): Apply 1¼-2¼ oz. per 1000 linear feet of corn row in sufficient water to wet base of corn plant and a narrow band of soil next to the plant. Refer to row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk hiller or cultivator immediately after spraying. Application should be made at the first sign of corn rootworm larvae. Application should not be made later than June 24 in the Middle Corn Belt or July in the Northerm Corn Belt.

SUGGESTED RATES ACCORDING TO ROW SPACING FOR

CORN ROOTWORM LARVAE CONTROL

	Linear Fest	Amount of Diazinon S0/Acre		
Spacing	of Corn Row/Acre	Postemergence Basal Trestment		
48**	10,890	14-28 oz.		
42"	1 12,455	15%-31 oz.		
40**	13,068	16-32 oz (1-2 lbs)		
38"	13,939	174-35 oz		
36"	14,250	18-36 oz		
30"	17,424	22-44 oz (14/-234 bs)		
24"	21,780	27%-55 02		
20"	26 136	32-64 oz. (2-4 lbs)		
15"	34,848	44-86 DZ.		

Note: For row spacings not listed, calculate the appropriate docage rates has done the 40 min row Egures.

Seeduoin maggot Broadcasi 4 8 bs per acrejust char to plantino. Work Into 2 inches of soil Immediately. Culworms (Surface and Subterranean): Broadcast 4-8 lbs. per acro. For surface culworms apply just prior to planting or when larvae first appear and work into 1-2 inches of soil immediately. Do not apply later than lay-by. stress at time of transplanting.

Radishes: Mix 2 lbs. in 50 gats. of water. Apply 80-100 gats. per acre. (1-1% gats. per 1000 linear feet of row) in the seed furrow at planting time.

Wireworms Broccoli

Q1000011	Endive (escarole)	Snap Beans
Brussels Sprouls	Kale	Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupes	Lima Beans	Sweet Corn
Carrets	Muskmelons	Sweet Polatoes
Cauliflower	Onions	Swiss Chard
Ceiery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash
Broadcast 6-8 lbs into seil 4-8 inche	, per acre prior to is immediately.	planting, and work
	ast 6-12 lbs. per acr or harrow into soil	

Southern potato wireworm

Polatoes (Southeastern U.S.): For polatoes on mineral soils, broadcast 4-8 lbs. per acre prior to planting, and immediately work into soil 3-6 inches depending on location of wireworms.

For subterranean cutworms, apply just prior to planting and work into 3-6 inches of soil immediately.

Wireworms: Apply 6-8 lbs, per acre prior to planting and work into 4-8 inches of soil immediately.

Corn leaf aphid: Apply 1-2 lbs. per acre in sufficient water to provide complete coverage of the upper portions of plants, Repeat application as necessary.

Grasshoppers: Apply 1 lb. per acre.

Sap beetle: Apply 2-21/2 lbs. per acre. Add 1-2 gals. of soluble minaral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

Corn may be picked immediately following last application. Corn forage may be led to dairy and beet cattle, and sheep.

Cotton

Spider mites, Aphids, Leathoppers, Lygus bug, Cotton leafworm, Cotton leafperforator: Apply 1-2 lbs. in 5-25 gals. of water per acre. Repeat as infestation warrants. Do not apply within 14 days of harvest. Do not graze treated cotton plants, or feed gin wastes to livestock. Cowpeas

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre, just prior to planling. Work into 2-3 inches of soil for surface cutworms, 3-6 inches for subterranean cutworms.

Hops

Aphids, Miles: Apply 2 lbs. per acre. Do not apply within 14 days of harvest.

Lespedeza

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting, Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches lor subterranean cutworms.

Peanuts

Culworms: Apply 4 lbs. per acre in a 12-inch band over the row. Use sufficient water to achieve thorough coverage. Begin application when small larvae appear Two or three additional applications at 3-week intervals may be necessary. Do not apply within 21 days of peanut harvest.

Note: Liveslock (1) may be fed peanut hulls, (2) may be fed peanut lorage 7 days following treatment, and (3) may be fed peanut hay 21 days following treatment.

Sorghum

Sorghum midge: Apply 1/2-1 lb. per acre when 90% of the heads have emerged from the boot. Repeat application within 4 days.

Crop may be led to livestock immediately following treatment. Do not apply within 7 days of harvesting for grain, Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean cutworms.

Soybeans

Culworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cution rates, 3.8 inches for subterranean entimeter.

Sugar Beets

Beet leafhopper, Dipterous leafminer, Aphids, Apply Valt ID, per acte.

Grasshoppers: Apply 1 lb. per acre.

Wireworms: Broadcast 6-8 lbs. per acre just prior to planting, and work into 4-8 inches of soil immediately. Tops glay he for the faurt damy animals Omnivorous leatliers, Privet mites, Scare crawlers, (continuous) Pine needle, San Jose, Soft scare), Thrips, Twospotted mites, W Whitebies

Apple-and-thorn skeletonizers, Cotoneaster webworms, Fall webv chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Te Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gi Mimosa webworms: Mix ½ 02. In 3 gafs. of water (or 1 lb. in 100 g when adults first appear. Make a second and third application at

LAWN INSECTS

To control insects listed below, apply recommended rates. For ins Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Springtails (Colliand may enter the house, spray a 5-ft. band of soil around the houof 2-3 ft. Repeat application if necessary.

· · · · · · · · · · · · · · · · · · ·	Rate/1000 sq. h		
Insects	Diazinon 50	Water	
Lawn chinch bugs	2-3 oz or 3-6 oz.	25 gais	
Ants, Armyworms, Clover mites, Spring- rails, (Collembola). Crinels, Cuthor ms Digger wasps, Earwigs, Frit thes, Lawn billibugs, Sod webworms (Lawn moths). Sowbugs	4 02	3 gais.	
Brown dog ticks, Bermudagrass miles, Chiggers, Fleas, Lealhoppers	14 02.	3 gals.	
Millipedas	8 02.	3 gals	
Rhodesgrass scales	5 02.	25 gais	

*Application can be made in 3 gals, of water per 1000 sq. ft. The application,

Boxelder bugs: Spray bugs outside the home with 1½-2½ oz. in around foundation, windows, doors, tree trunks, and into crit

SEED TREATMENT-PLANTER-BOX TREATMENT

Corn	Note
Seedcorn beetle: mix 3 oz. per bushel of seed as a dry	Cap:
mixture in the planter box as a seed treatment prior to	rate:
planting.	fung
Corn, Peas, Soybeans, and Beans (Lima, Snap, White	seec
and Kidney) Seedcorn maggot: Mix ½ oz. per bushel of	seec
seed as a dry mixture in the planter box as a seed treat-	plan
ment prior to planting.	addr
Planter-box Mixing Instructions: Stir seed slightly using	requ
a mixing stick. Additional mixing will result from the	Cau:
operation of the planter, DO NOT MIX WITH BARE	feed
HANDS.	hum

FLY CONTROL

Fly control in barns and animal sleeping quarters (except dairy barns, milk rooms, and pouliry houses).	Balt Mix of st appl
	For
Residual Sprays:	sugi
Remove animals from buildings prior to treatment and	QUĐ
keep animals out for at least four hours. Mix 2 lbs. of	8(0)
DIAZINON 50 in 25 gals, of water and apply as an overall	Rec
spray to ceilings and walls of livestock shuds, call barns,	For
hog barns, loaling sheds, and other farm buildings ex-	in 5
cept poultry houses, dairy barns, and milk rooms. Areas	810
where flies congregate, such as garbage dumps and cor-	will
rais, should be sprayed thoroughly Longer residual con-	Oo
trol may be obtained by increasing the rate to 4 lbs. in	loa
25 gals, of water Applications should be made to point	010
of runoff. One gal of the above spray should cover from	con
350-750 sq. ft. of area, depinding on the surface treated. Repeat applications as throopulations warrant.	dwe
novour experionens as ny populations manani.	

Conditions of Sale and Warraniy

The Directions for Use of this product reflect the opinion of experbelieved to be reliable and should be followed carefully. However, associated with use of this product. Crop injury, ineffectiveness, or of such factors as weather conditions, presence of other materia are beyond the control of Platte Chemical or the Seller. All such riwarrants that this product conforms to the chemical description referred to in the Directions for Use subject to the inherent risks i express or Implied warranty of Filness or Merchantability or a shall Platte Chemical or the Seller be liable for consequential use or handling of this product. Platte Chemical and the Selle if, subject to the foregoing Conditions of Sale and Warranty, while the test product of the seller of Platte Chemical, while the test product of the seller of Platte Chemical and

Diazinon Mixturé RQ NA2783

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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

George T. LaRocca Product Manager (15) Insecticide-Rodenticide Branch Registration Division (TS-767) AH (14)

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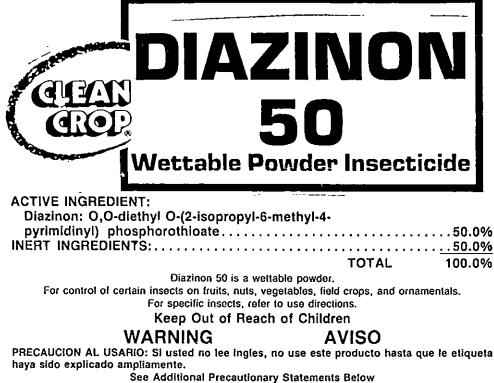
Enclosure

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EPA REG. NO. 34704-

* CLEAN CROP is a Registered T.M. of United Agri Products, Inc.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING

May be fatal if swallowed. May be absorbed through skin. Do not breathe dust or spray mist. Avoid contact with skin, eyes, and clothing. Wash thoroughly after handling and before eating or smoking. Avoid contamination of food and feed. Keep out of reach of domestic animals. Do not use on humans or household pets. Do not permit children or pets to go onto sprayed grass until spray has completely dried.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center immediately. Drink one or two glasses of water and Induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear, Do not induce vomiting or give anything by mouth to an unconscious person. If Inhated: Remove victim to fresh air Apply artifical respiration if indicated.

If on skin: Remove contaminated clothing and wash affected areas thoroughly with soap and water.

If In eyes: Flush eyes with plenty of water. Call a physician if irritation develops or persists.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds leading on treated areas may be killed. Keep out of lakes, streams, ponds, lidal marshes, and estuaries (avapp) for, effluence from treated watercress beds). Do not apply to water that will be used for tecreational purposes and human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where fish, shrimp, crab, and other aquatic life are important resources. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency before applying this product. Apply this product only a specified on this tabel.

This pesticide is highly loxic to bees exposed to direct treatment or to residuos remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings re given, warnings shall be given in a fanguage customarily understood by workers. or cc Ci

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Written warnings must include the following information: WARNING

(Insert area or field description) treated with Diazinon on (insert date of application.) Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Diazinon and describe his condition. For further information see the "STATEMENT OF PRAC-TICAL TREATMENT."

Oral warnings must include the same information that is in the written warnings.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and penetration of moisture

STORACE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not In use. Reduce stacking height where local conditions, eicht as hunidity or patie townhang, can effect package strangth. Personnel should use clothing and equipment consistent with good pesticide handling. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. CONTAINER DISPOSAL: Completely empty bag into ap-

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfull or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay cut of smoke.

GENERAL INFORMATION

DIAZINON 50 should be mixed with sufficient water to assure thorough coverage unless otherwise noted in the Directions for Use. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control.

Note: The California Department of Agriculture has set a S-day reentry for Diaznee on ordrus, grapes, peaches, and noclarinos. Five days should blapse between the time of application and the time a worker may other the field here there are not between the field. STATEMENT OF PRACTICAL TREATMENT If swallowed: Call a physician or Polson Control Center immediately. Drink one or two glasses of water and Induce vomiting by touching back of throat with linger. Repeat until vomit fluid is clear, Do not induce vomiting or give anything by mouth to an unconscious person. If Inhaled: Remove victim to fresh air. Apply artificat respiration if indicated.

If on skin: Remove contaminated clothing and wash aflected areas thoroughly with soap and water.

If In eyes: Flush eyes with plenty of water. Call a physician if irritation develops or persists.

Note to Physician: Gastric lavage is indicated. Atropine sulfate and 2-PAM are specific antidotes.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds leeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries (areas) foreffluence from treated watercress beds). Do not apply to water that will be used for fecidational purposes and human and livestock consumption. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where lish, shrimp, crab, and other aquatic life are important resources. This product must not be used in areas where impact on threatened endangered species is likely. Contact your State Fish and Game Agency before applying this product. Apply this product only a specified on this label.

This pesticide is highly toxic to bees exposed to direct treatment or to residues remaining on the treated area. Do not apply when bees are actively visiting the crop, cover crop, or weeds blooming in the treatment area. Applications should be timed to provide the maximum possible interval between treatment and the next period of bee activity.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENT

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated

FRUIT AND NUT INSECTS

DIAZINO! 1 50 may be applied using ground or aerial application equipment. For dilute ground sprays, mix specified rate of DIAZINON 50 and apply at 300 to 600 gals of water per acre. For concentrate ground sprays, use equivalent rates' of DIAZINON 50 in minimums of 20-50 gals. of water per acre. For aerial applications, use equivalent ground rates' of DIAZINON 50 in minimums of 2-5 gals. of water per acre. Observe stated time intervals between fast application and harvest.

*NOTE: The rate of DIAZINON 50 for concentrate ground and aerial sprays is based upon a dilute ground spray with conventional ground equipment applied at 300 to 600 gals, of water per acre. If directions call for 1 fb, of product per 100 gals, of water, this amounts to 3 to 6 lbs, of DIAZINON 50 per acre when applied as dilute ground spray volumes.

Almonda

Miles, Twig borers: Apply 1-11/2 lbs. DIAZINON 50 per 100 gals. of water as infestations develop.

Scales (including San Jose, parlatoria, black, brown, apricot, Mite eggs (including European red mite, brown mite); Twig borers, Aphid eggs (including apple, black chery, mealy plum); Mealybugs: Apply as a dormant spray 1-1½ lbs. DIAZINON 50 plus 2-3 gals. of dormant oil or 1-1½ gals. superior type oil per 100 gals. of water. Almond hulls may be fed to livestock

Apples

Leathoppers: Apply 1 lb. per 100 gals, of water in 3-5 applications beginning at petal fall and continuing through the growing season, or apply as infestations develop. Scales (including San Jose, parlatoria, black, brown, apricol), Mite eggs (including European rad mite, brown mite); Twig borers, Aphid eggs (including apple, hlack churry, mealy plum), Mealy Fugs, Apply as a dormant or delayed-dormant soray 1 lb. of DIAZINON 50 plus 2 gaidormant oil or 1-1½ gals, superior type oil pur 160 gals, of water

Eyespotted bud moth, Fruittree leafroller, Moalybug: M.x. 1 lb. por 100 gals, of water. Make 3-8 cover spray applications, beginning in the pink stage. (insert date cl appl cation) Do not enter treated areas without protective clothing until sprays have dried. In case of acci vental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to Diazinon and describe his condition. For further information see the "STATEMENT OF PRAC-TICAL TREATMENT."

Oral warnings must include the same information that is in the written warnings.

STORAGE AND DISPOSAL

PROHIBITIONS: Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might asversely affect the container or its ability to function property. Such conditions include, but are not limited to, positioning of the container in storage, storage temperature, potential for crushing or damage due to stacking, and generation of mosture.

STORACE: Store in sale manner. Store in original container only. Store in cool, dry place. Keep container tightly closed when not in use. Reduce stacking height where local conditions, such as humidity or patief overhang, can effect package strength. Personnel should use clothing and equipment consistent with good pesticide handling. PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smokn.

GENERAL INFORMATION

DIAZINON 50 should be mixed with sufficient water to assure thorough coverage unless otherwise noted in the Directions for Use. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control. Note: The California Department of Agriculture has set a 5-day reentry for Diazinon on citrus, grapes, peaches, and nectarines. Five days should elapse between the time of application and the time a worker may enter the field to engage in any activity requiring substantial contact with treated foliage. When a mixture of two or more

organic phosphate pesticides is applied in combination, the interval should be prolonged by adding to the largest applicable interval an additional 50% of that interval. Since DIAZINON 50 is a weltable powder formulation,

constant agitation is necessary during application.

Do not apply within 14 days of harvest

Apples and Pears

Codling moth, Rosy apple aphid, Green apple aphid, Wooly apple aphid, Mites: Mix 1 lb. DIAZINON 50 per 100 gals of water. Make 3-8 cover spray applications, beginning with the first cover. Applications should be timed according to insect infestations.

Apple maggot: Mix 1 lb. of DIAZINON 50 per 100 gals. of water. Make at least 3 cover spray application: when flies are active and laying eggs.

San Jose scale crawlers, Forbes scale crawlers: Mix 1 Ib. per 100 gals. of water. Apply early in the season when crawlers first appear. If infestation warrants, make a second application 7-10 days later.

Note: Mites will be suppressed if DIAZINON 50 is used in the regular cover spray program. Slight russeting may occur on some varieties of apples, such as Golden Delicious.

Do not apply to apples or pears within 14 days of harvest Apricots

Scales (including San Jose, parlatoria, black, brown apricot, walnut); Mile eggs (including Eropean red mite, brown mile); Twig borers; Aphid eggs (including apple, black cherry, meaiy plum); Mealybugs: Apply as a dormant spray 1 (b. of DIAZINON 50 plus 2 qals, of dormani oil or 1-11/2 gals, superior type oil per 100 gals, of water. Aphids, Brown mile (Clover mile), Twos jotted spider mile, Oliv i scale crawlers, San Jose scale crawlers: Mix

1 lb, por 10, gals, of water. Apply when aphids, mitos, and scale crawlors first appear. Olive scale crawlors: Mix % lb of DIAZINON 50 plus 1%

gals, of light medium horticultural oil per 100 gals, of water. Apply when scale crawlers are present

Apricet mealybug Mix 1 lb, per 100 gals, of water. Apply as a covor spray from petal fall to June Do not apply within 10 days of harvest.

Brueberries

Cranberry fruitworm, Cherry fruitworm, Blueberry maggot, Aphids, Theps, Twospotted mite. Mix 1 lb. per 100 Blackheaded trework, Rhopotx ta naevanal Apply 4 lbs in 490 gals, of water per acre Cranberry fruitworm: Apply 6 lbs in 400 gals, of water

per acre. Do not apply within 7 days of harvest.

Figs

Vinegar fly (Drosophil, spp.), Dried fruit bestle: Apply 1 b. per 100 gats, of water. Do not apply within 5 days of harvest.

Filberts

Filbert leafroller, Aphids: Apply 2-4 lbs. in 250-401 gals. of water per acre, as a thorough cover spray.

Citrus Fruits (Grapetrull, Lemons, Limes, Oranges, Tangelos, Tangerines, Citrus Citron, Kumquats, and hybrids of these)

Citrus aphid, Cottonycushion scale crawlers, and Soft scale crawlers: Apply 9-1 (b. per 100 gals, of water (maximum 1000 gals, per acre) as a thorough cover spray when aphids and crawler states of scale insects list appear.

Fruiture leafroller: Mir V2-1 (b. per 100 gals, of spray (maximum 1000 gals per acre) when an average of 50 percent of eggs in egg masses have hatchod in the spring.

Citrus thrip: Apply 1 lb, in 100 gals of water (maximum 1000 gals, per acre) when thrips first appear.

Citrus show scale: Apply 1-2 lbs. per 100 gals, of water (maximum 1000 gals, per acre) as a postbloom spray and again as a summer spray. For heavy snow scale infestalions, use the higher dosage rate. Thorough coverage of tree trunk, limbs, and lwigs is essential.

Do not apply during bloom. Do not apply to citrus within 21 days of harvest.

Grapes

Pacific spider mite, Leathuppers, Grape berry moth, Grape leatfolder: Mix 1 lb.per 100 gals, of water and apply as a thorough cover spray, or apply 2 lbs, per acre in sufficient water for thorough coverage. Do not apply within 18 days of harvest.

Drosophila spp.: Mix 6 oz. per 100 gals. of water and apply as a thorough cover spray, or apply a maximum of 18 oz. Der acre in sufficient water for thorough coverage when insects first appear. Make additional applications a' weekly intervals as necessary Do not apply within 7 days of harvest. If a spreader-sticker is used, do not apply within 18 days of harvest

Olives

Olive scale: Mix ¼-1 lb. of DIAZINON 50 plus 1½ gals. of light medium summer horticultural oil per 100 gals. of water. Apply as a cover spray in June or July

Do not apply during bloom to avoid injury to pollinating insects or within 75 days of harvest

Peaches and Neclarines

Scales (including San Jose, partatoria, black, brown, apricol); Mite eggs (including European red mite, brown

VEGETABLE FOLIAR INSECTS

DIAZINON 50 should always be applied as a spray in sufficient water to assure thorough coverage of the foliage. Beans (Pole Beans, Snap Beans, Lima Beans) Black bean aphid, Mexican bean beetle, Leafminers

Black bean aphid, Mexican bean beetle, Leafminers Apply 1-11/2 lbs. per acre.

Cucumber beet's Apply 12-3 to in 100 gals of water per acre.

Do not apply within 7 days of bean harvest. Bean forage or bean hay may be fed to dairy and beef callle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Lima Beans

Dipterous leafminer, Leamoppers, Mites: Apply 1 lb per acre. Do not apply within 7 days of bean harvest. Bean forage or bean hay may be ted to dary and beet cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Broccoll, Cabbage, Caubilower

Aphids, Diarnondback meth, Imported cabbagoworm, Dipterous teatminer: Apply ½-1 lb.per acro. Applications at 7-10 day intervals will usually be required. Do not apply to broccoli or cauliflower within 5 days, or to cabbage within 7 days, of harvest

Brussels Sprouts

Aphids, Diamondback moth, Imported cabbageworm: Apply 1 lb. per acre. Applications at 7-10 day intervats will usually be required. Do not apply to brussels sprouts within 7 days of inarvest

Carrets

Aphids: Apply 1 lb, per acre. Do not apply within 10 days of harvest.

after husks crack.

Pineapple

Pineapple scale: Apply 10 lbs. DIAZINON 50 plus 2 gals. of light medium horticultural oil in 500 gals, of water per acre to the vegetative slips on the plant following harvest of the pineapple.

Pineapple mealybug: Apply 4 lbs, per acre. May be applied on day of harvest.

Pineapple forage and refuse may be led to liveslock 7 days following last application

Plums and Prunes

Scales (including San Jose, pariatoria, black, brown, apricol); Mite aggs (including European red mite, brown mite, pearleaf bister mite); Twig borers; Aphid eggs (including apple, black cherry, meaty plum); Meatybugs: Apply as a dormant spray 1 bb. of DIAZINON 50 plus 2-3 gals, dormant oit or 1-1½ gals superior type of per 100 gals, of water. For late April or May applications, mix 1 bb. of DIAZINON 50 plus 1 gal. of light medium summer horticultural oit per 100 gals, of water.

Brown mite (Clover mite), European red mite: Apply 1 lb. in 100 gals. of water.

Leafcurl plum aphid, Mealy plum aphid, Thistle aphid: Apply ½-1 lb. per 100 gals, of water.

Do not apply within 10 days of harvest.

Strawberries

Celery

Cucumbers

Lettuce and Endive

Mushroom Houses

Aphids, Twospolled spider mile: Apply 1 lb. in 100 gals. of water per acre.

Cyclamen mite: Apply 2 lbs in 100 gals of water per acre, directing spray to plant crowns. Plants should be sufficiently agitated to assure thorough coverage of the foliage. Make additional applications, it necessary, after harvest.

Mole cricket: Broadcast 2 lbs. per acre when insects are present. Apply 1-2 days before transplanting and mix into the top 1-2 incres of soil immediately

Strawberry leafroller: Mix 34-1 lb. per 100 gals. of water. Apply 200 gals. spray per acre when blossoms show color.

Do not apply within 5 days of harvest

Walnuts

Aphids, Mites: Apply 2 lbs. per acre as a folrage spray Coding moth, Scale crawlers, Walnut caterpillar Apply 6 lbs per acre.

6 lbs per acre. Do not apply after the husks open CCBPTED with COMMENTS EPA Letter Data

NOV 1 4 1985

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

34704-248

Aphids, Flea beetles: Apply 1 lb in 100 gals of water peracre

Dipterous leafminer: Apply ½+1 lb, per acre in sufficient water to achieve thorough coverage when infestations first appear. Repeat as nocessary Do not apply within 10 days of harvost. Plants should out

market trimmed (tops removed) before being shipped or

Aphids, Imported cabbageworm, Diamondback moth.

Harlequin cabbage bug, Corn earworm: Apply 1/2-1 lb. per

acre. Do not apply to collards, kale or turnip tops within

10 days, or to swiss chard within 12 days, of harvest

Aphids, Serpentine teatminer, Thrips: Apply 1 lb per

Aphids, Dipterous leafminer; Apply 1/2-1 lb. per acre. Do

Melons and Squash (Cantaloupes, Casabas, Cren-

shaws, Honeydew Melons, Muskmelons, Perstan

Melons, and hybrids of these; Watermetens and their

Aphids, Leathoppers, Mites: Apply 1-11/2 lb. per acre Serpontine featminer, Thrips: Apply 1/2-1 lb per acre Do

not apply to melons or winter squash within 3 days, or

Mushroom flies (Phorids and Sciarids): Mix 4-8 lbs. in 60

gals, of water (0.5% to 1.0% actual diaz ion) and spray

on outside and inside walls and ventilators of mushroom

used. Tops should not be used for load or load

Collards, Kale, Swiss Chard, Turnip Tops

acre. Do not apply within 7 days of harvest.

not apply within 10 days of harvest

hybrids; Summer and Winter Squash)

to summer squash within 7 days, of harvest.

heating. Do not spray compost in beds or after spawning. To treat wooden sides of beds, posts, doors, and door frames after pasteurizing, mix 1/2 lb. in 6 gals. of water and apply with a brush.

Do not treat compost.

Onlons

Onion thrips: Apply 1 lb. per acre. Do not apply within 10 days of harvest.

Peas

Aphids, Leafminers; Apoly %-1 lb, per acre, Peas may be picked immediately. Pea vines and pea vine hay may be led to dairy and beef caltle and sheep. Walt 4 days

Irestment if forage is to be cut for hay. Peopers Aphids, Serpentine leafminer: Apply V: Ib. per acre. Do

not apply within 5 days of harvest Polatoes

Aphids, Flea beetles, Colorado potato beetle, Dipterous lealminer: Apply 1/2-1/2 lb. per acre.

Banded cucumber beetle, Lealhoppers, Southern armyworm: Apply ¼-1 lb. per acre.

Do not apply within 35 days of harvest.

Radishes, Parenins, Turnins,

Aphids, Flea beetles, Dipterous leafminer: Apply 1/2-1 lb. per acre. Do not apply within 10 days of harvest.

VEGETABLE SOIL INSECTS

DIAZINON 50 should always be applied as a spray in suflicient water to assure thorough coverage of the soil. Carrot rust fly

Carrols: Apply 4 lbs. per acre as a drench to the seed furrow at planting time.

Cutworms (Surface and Subterranean)

ournorma (ourra	Ce and Subler	101100111
Broccoli	Kale	Spinach
Brussels Sprouts	Lettuce	Summer Squash
Cabbage	Lima Beans	Sweet Corn
Cantaloupes	Muskmelons	Swiss Chard
Cauliflower	Parlsey	Tomatoes
Celery	Peas	Watermelons
Collards	Peppers	Winter Squash
Cucumbers	Potatoes	
Endive (escarole)	Snap Beans	
	-	

Broadcast 4-8 lbs. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Garden symphylans (Centipedes) Cabbace Peas Snap Beans

Carrols	Pole Beans	Tomatoes
Corn	Radishes	Turnios
Lettuce	Red Beets	•
Broadcast 20 lbs	s, per acre just p	rior to planting, Work

into soil 4-8 inches immediately. This preplant treatment will also control other soil insects; cutworms (surface and subterranean), mole crickets, root maggots, and wireworms.

Mole crickets

Broccoli	Endive (escarole)	Peppers
Brussels Sprouts	Kale	Radishes
Cabbage	Lettuce	Tomaloes
Caulillower	Mustard	Turnips
Collards		
- · · · ·		

Broadcast 2 lbs, per acre when insects are present. Make application to plant beds or fields 1-2 days prior to souring of seed or transplanting and work into soil 1-2 inches immediately.

Onlon maggots

Onions: Furrow Application: Apply 2 lbs. per acre in sul-

FIELD AND FORAGE INSECTS

DIAZINON 50 should always be applied as a spray in sulticient water to assure thorough coverage of the foliage or soil, depending on the type of application.

Attalfa, Clover and Trefoil Spotted alfalfa aphid, Yellow clover aphid, Pea aphid, Lealhoppers, Plant bug nymphs, Mites: Apply 34-1 lb. per acre

Grasshoppers: Apply 1 lb. per acre.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subterranean cutworms.

Dairy and bee! cattle and sheep (1) may be grazed immediately following application, (2) may be led green alfalfa or clover immediately following cutting, and (3) may be fed hay provided attalla or clover is not cut for hay for 7 days following treatment.

Alfalfa weevil larvae. For control in the spring, apply 2-3

Aphids, Dipterous leafminer: Apply ½-1 lb. per acre. Do not apply to spinach within 10 days, or to beets within 14 days, of harvest

Squash (Summer and Winter) See Meions and Squash section.

Sweet Com

Corn earworm: Apply 2-21/2 lbs. per acre when silks firs: appear. Two or three repeat applications 1 2-3 day intervals will usually be necessary. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

Refer also to Corn under Field and Forege Insects.

Tomaloes Aphids, Diplerous leatminer; Apply ½ Ib. per acre. To control leafminers weekly applications are usually reouired.

Banded cucumber beetle, Fall armyworm, Southern armyworm: Apply 4-1 lb. per acre.

Vinegar Ily (Drosophila spp.): Apply 1/2-11/2 lbs. per acre. Weekly applications are usually required.

Do not apply within 1 day of harvest.

Watercress (Hawall only)

Cyclamen mite: Apply 1 lb. in 100 gals, of water per acre. Direct spray to crowns and growing tips of plants. If infestation is heavy, make a second application no later than 10 days after the first application. Repeat applications as necessary. Do not apply within 5 days of harvest.

ficient water to drench the seed furrow at planting time. Broadcast Application: Broadcast 4-8 lbs. per acre just prior to planting. Work into soil 3-4 inches immediately.

Root maggots

Broccoli, Brussels sprouts, Cabbage, and Caulillower: (1) Broadcast Application: Broadcast 4-6 lbs. per acre and immediately work into the soil 3-4 inches before seeding, either in the seedbed or in the field or before transplanting. (2) Transplant Water (Drench) Application: Mix 1/4-1/2 lb. in 50 gals, of transplant water, when 200-300 gals. of water are used per acre. May be applied at the rate of 1/2-1 cupiul per plant, either by hand or by tractormounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.

Radishes: Mix 2 lbs. in 50 gals. of water. Apply 80-100 gals, per acre. (1-11/2 gals, per 1000 linear feet of row) in the seed lurrow at planting time.

Wireworms		
Broccoli	Endive (escarole)	Snap Beans
Brussels Sprouts	Kale	Spinach
Cabbage	Leituce	Summer Squash
Cantaloupes	Lima Beans	Sweet Corn
Carrols	Muskmelons	Sweet Potatoes
Caulillower	Onions	Swiss Chard
Celery	Parsley	Tomaloes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash
Broadcast 6-8 lbs into soil 4-8 inche	. per acre prior lo pas immediately.	planting, and work
Potatoes: Broadc	asl 6-12 lbs. per aci	re prior to planting.

Immediately disk or harrow into soil 4-8 inches.

Southern potato wireworm

Polaloes (Southeastern U.S.): For polaloes on mineral soils, broadcast 4-8 ibs. per acre prior to planting, and immediately work into zoil 3-6 inches depending on location of wireworms.

For subterranean cutworms, apply just prior to planting and work into 3-6 inches of soil immediately.

Wireworms: Apply 6-8 lbs. per acre prior to planting and work into 4-8 inches of soil immediately.

Corn leaf aphid: Apply 1-2 lbs. per acre in sufficient water to provide complete coverage of the upper portions of plants. Ropeat application as necessary.

Grasshoppers: Apply 1 lb. per acre.

Sap beetle: Apply 2-21/2 lbs. per acre. Add 1-2 gals. of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

Corn may be picked immediately following last application. Corn forage may be fed to dairy and beel cattle, and sheep.

Collon

Spidor mites, Aphids, Lealhoppers, Lygus bug, Collon leasts and Colon landsourt and a philip lis in 5.26

Aphids: Apply Val Ib. per acri Note: Allow 1 day between last application and harvest. Bagasse and forage may be fed to livestock. Wireworms: Apply 8 lbs. per acre on a 12-inch band

centered over the lunow in sufficient water to rotain thorough coverage. Make application directly to seld pieces in open furrow at covering tin e.

Tobacco Aphids, Flea beetles: Apply 1/2-1/4 lbs. per acre. Do not apply within 3 days of harvest.

Cutworms: Broadcast 4-6 lbs. per acre before transplanting and work into 2-4 inches of soil immediately. Green June beetle I-rvae: Mix Valb in 50 gals, of water

and apply as a dreach (100 gais, per 100 sq. yds.) to

Rangeland, Pasture, Grass Forage, Ditch Banks, Roadsidea, Wasteland, Noncrop Areas, Barrier Strips Grasshoppers: Apply ¼-1 lb. per acre in sufficient water or oil to obtain thorough coverage when insects first appear, preferably in the nymphal stage.

High gallonage, high pressure spray: Mix 1/2 lb. in 100 gals. of water, and apply at the rate of 1 gal. per animal. Low gallonage, low pressure spray: Mix 1 lb. in 100 gats. of water. Apply at the rate of 1 qt per animal. Sprinkler Can: Mix 1 oz. in 6 gals. of water, Crowd sheep

into a small pen and sprinkle 1 qt of this mixture over the head, neck, top, and side of each sheep. Shi of agitate mixture frequently.

Note: Do not slaughter sheep within 14 days after treatment. Repeat applications as necessary

ORNAMENTAL INSECTS

To control certain insects on ornamentals, such as Arborwlae, Azalea, Birch, Boxwood, Camelia, Carnalion, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Mapis, Oak, Pine, Plum, Poplar, Rhododen dron, Rose, Spruce, and Willow, apply the recommended rates indicated below.

	Amount Diazinon 50 to Use	
Insects	per 3 gals. water	per 100 gals, water
Aphids, Bagworms, Carnation bud mites, Carnation shoot mites, Clover mites, Cyclamen mites, Dipterous leafminers, European pine shoot moths, European red mites, Flea beetles, Holly bud moths, Leafhoppers, Obscure root weevils, Omnivorous leaftiers, Privet mites, Scale crawlers: (Cottonycushion, Lecanium, Pine needle, San Jose, Soft scale), Thrips, Twospotted mites, Webworms, Whitelies	¥2 OZ.	1 lb.
Apple-and-thorn skeletonizers, Cotoneaster webworms, Fall webworms, Hemlock chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars	1½ 02.	3 lbs.

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur. Manosa webworms: Mix 1/2 oz. in 3 gals, of water (or 1 lb, in 100 gals, of water) and apply as a thorough Ioliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

LAWN INSECTS

To control insects listed below, apply recommended rates. For insects such as Ants, Brown dog ticks, Clover miles. Crickels, Earwigs, Fleas, Millipedes, Sowbugs, and Springlails (Collembola), which are commonly found near the house and may enter the house, spray a 5-ft, band of soil around the house as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

	Rate/1000 sq. ft			
insects	Diazinon 50	Water	Remarks	
Lawn chinch bugs	2-3 02 or 3-6 02.	25 gais "	Use higher rate for longer residual control and in fawns of dense growth such as St. Augustine lawns	
Anis, Armyworms, Clover miles, Spring- taits, (Cottentuote), Crondets, Contronter Digger wasps, Earways and Ities, Lawin billibugs, Sod webword s (Lawin moths) Sowbugs	4 02	3 gais	Spot spray ant hills and wasp ground nest open- ings For lawn billbugs, irrigate the fawn thoroughly immediately after treatment For fris flies, more grass and water well before treat ment, but delay application until grass is dry Do not water again until necessary	
Brown dog ticks, Bermulagrass mites, Chiggers, Fless, Leathoppers	1¥e 02.	3 gais	Do not apply to animals For brown dog ticks, spray grass and under shrub- bery, particularly near house	
Millipedes	8 02	3 gals		
Rhodesgrass scales	5 OZ	25 gais	Apply when crawlers first emerge	

*Application can be made in 3 gals, of water per 1000 sq. h. Thoroughly water treated area immediately following application.

Boxelder bugs: Spray bugs outside the home with 11/2-21/4 oz. in 1 gal. of water, At the same time, spray thoroughly around loundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

SEED TREATMENT-PLANTER-BOX TREATMENT

Corn Seedcorn beetle: mix 3 oz. per bushel of seed as a dry mixture in the planter box as a seed treatment prior to planting.

Corn, Peas, Soybeans, and Beans (Lima, Snap, White and Kidney) Seedcorn maggot Mix 1/2 oz per bushel of seed as a dry mixturo in the planter box as a seed treate entres lo plunteng

Note: If seed has not been treated with a fungicide, use Captan or Thiram in combination with DIAZINON 50 at rates indicated on lungicide package. Failure to use a lungicide with DIAZINON 50 may result in injury to the seed. If the seed treatment increases the friction between seeds sufficient to reduce the rate of delivery through the planter, 1/2 oz of graphile per bushel of seed shr id be added as a drill lubricant. Adjust the planter to a series

Mole cricket: Broadcast 2 lbs. per acre, when Insects are present. Make application to beds or lields 1-2 days prior to sowing seed or transplanting, and work into 1-2 inches of soil immediately.

Seedcorn maggot: Broadcast Application: Broadcast 3 lbs. per acre, 3-4 weeks before transplanting. Work into 2 inches of soil immediately.

Transplant Water Application: Mix 11/2-3 oz. in 50 gals. of transplant water

Wireworms: Broadcast Application: Broadcast 4-6 lbs. per acre, 3-4 weeks before transplanting. Work into 6-9 inches of soil immediately.

Dairy and beel cattle, and sheep (1) may be grazed im-

mediately following application, (2) may be fed green

forage immediately following cutting, and (3) may be led

hay, provided grass is not cut for hay for 21 days if the

spray is a water solution, or for 30 days if the spray is

an oil solution. Do not spray livestock directly with either

air of oround approximent except as indicated under

Liveslock Insects Do not repeat application for 30 days.

Transplant Water Application: Mix 11/2-3 oz. in 50 gals of transplant water

Bermudagrass

RANGE, PASTURE, AND GRASSLAND INSTICTS

Thrips, Whiteflies, Grasshoppers: Apply 1 lb. per acre.

LIVESTOCK INSECTS

Sheep "Ticks" (Keds), Lice

Gardan symphyla	ans (Centipedes)	
Cabbage	Peas	Snap Beans
Carrols	Pole Beans	Tomatoes
Çara	Radishes	Turnips
Lattuca	Red Beets	-
Broadcast 20 lbs	per acce just prior	to planting. W

Work into soil 4-8 inches immediately. This preplant treatment will also control other soil insects; cutworms (surface and subterranean), mole crickets, root maggots, and wireworms

Mole crickets

Broccoli	Endive (escarole)	Peppers
Brussels Sprouts	Kale	Radishes
Cabbage	Lettuce	Tomaloes
Cauliflower	Muslard	Turnips
Collards		-

Broadcast 2 lbs. per acre when insects are present. Make application to plant beds or fields 1-2 days prior to sowing of seed or transplanting and work into soil 1-2 inches immediately.

Onion maggota

Onions: Furrow Application: Apply 2 lbs. per acre in suf-

FIELD AND FORAGE INSECTS

DIAZINON 50 should always be applied as a spray in sulficient water to assure thorough coverage of the Ioliage or soil, sepending on the type of application.

Aitalfa, Clover and Trefoll

Spotted allalfa aphid, Yellow clover aphid, Pea aphid, Leafhoppers, Plant bug nymphs, Mites: Apply ¥-1 lb. per acre.

Grasshoppers: Apply 1 lb. per acre.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into the soil immediately, 2-3 inches for surface cutworms, 3-6 inches for subferranean cutworms.

Dairy and beef cattle and sheep (1) may be grazed immediately following application, (2) may be fed green alfalfa or clover immediately following cutting, and (3) may be led hay provided allalla or clover is not cut for hay for 7 days following treatment.

Alfalfa weevil larvae: For control in the spring, apply 2-3 Ibs, per acre when feeding damage to growing tips becomes evident. Repeat application, if necessary. If damage is already extensive, cut the hay and make application to the stubble. Do not graze dairy and beel animals or sheep for 2 days. Do not cut for hay for 10 days following treatment.

Do not spray livestock directly except as indicated below under Livestock Insects, with either air or ground equipment.

Do not treat during bloom to avoid injury to pollinating insects.

Corn

Corn rootworm larvae-

(Postemergence Basal Treatment):

Apply 1%-2½ oz. per 1000 linear feet of corn row in sulficient water to wet base of corn plant and a narrow band of soil next to the plant. Refer to row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk hiller or cultivator immediately after spraying Application should be made at the first sign of corn reotworm larvae. Application should not be made later than June 24 in the Middle Corn Bell or July in the Northern Corn Belt,

SUGGESTED RATES ACCORDING TO ROW SPACING FOR CORN ROOTWORM LARVAE CONTROL

	Linear Feet	Amount of Diszinon S0/Acre Postemergence Basal Treatment	
Specing	al Corn Row/Acre		
48''	10,890	14-28 02	
42"	12,455	15%-31 oz	
40.1	13,068	16-32 oz. (1-2 lbs)	
38"	13,939	17%-35 oz.	
36"	14,250	16-36 oz	
30''	17,424	22-44 oz (11/2-244 bs)	
24"	21,780	271/2-55 oz	
20.	26,136	32-64 OZ (2-4 105)	
15"	34,848	44-88 02	

Note: For row spacings not listed, calculate the appropriate dosage rates based on the 40-inch row ligures. Seed I'vn maggot: Broadcast 4-8 lbs. per acre just prior to planling. Work into 2 inches of soil immediately. Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre. For surface culworms apply just prior to planting or when larvae first appear and work into 1-2 inches of soil immediately. Do not apply later than tay-by.

gals, per acre (1+1 % gals, in the seed furrow at planting time

Wireworms		
Broccalı	Endive (escarole)	Snap Beans
Brussels Sprouts		Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupes	Lima Beans	Sweet Corn
Carrots	Muskmelons	Sweet Potatoes
Cauliflower	Onions	Swiss Chard
Colony	October .	T

Parsley **Tomatoss** Celery Collaros Peas Watermelons Cucumbers Peppers Winter Squash Broadcast 6-8 lbs. per acre prior to planting, and work into soil 4-8 inches immediately. Polatoes: Broadcast 6-12 lbs. per acre prior to planting. Immediately disk or harrow into soil 4-8 inches.

Souash

Southern potato wireworm

Polatoes (Southeastern U.S.): For polatoes on mineral soils, broadcast 4-8 lbs. per acre prior to planting, and immediately work into soil 3-6 inches depending on location of wireworms.

For subterranean cutworms, apply just prior to planting

and work into 3-6 inches of soil immediately Wireworms: Apply 6-8 lbs, per acre prior to planting and work into 4-8 inches of soil immediately.

Corn leaf aphid: Apply 1-2 lbs. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary.

Grasshoppers: Apply 1 lb. per acre.

Sap beetle: Apply 2-21/2 lbs. per acre. Add 1-2 gals, of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

Corn may be picked immediately following last application. Corn forage may be led to dairy and beef cattle, and sheep.

Colton

Spider mites, Aphids, Leafhoppers, Lygus bug, Cotton leahworm, Cotton leafperforator: Apply 1-2 lbs. in 5-25 gals, of water per acre. Repeat as intestation warrants. Do not apply within 14 days of harvest. Do not graze treated cotton plants, or leed gin wastes to livestock. Cowpeas

Culworms (Surface and Suble-ranean): Broadcast 4-8 lbs. per acre, just prior to planting. Work into 2-3 inches of soil for surface cutworms, 3-6 inches for subterranean cutworms.

Hops

Aphids, Mites: Apply 2 lbs, per acre. Do not apply within 14 days of harvest

Lesoedeza

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean culworms

Peanuts

Cutworms: Apply 4 lbs, per acre in a 12-inch band over the row. Use sufficient water to achieve thorough coverage. Begin application when small larvae appear Two or three additional applications at 3-week intervals may be necessary. Do not apply within 21 days of ceanut harvest

Note: Livestock (1) may be led peanut hulls, (2) may be led peanut lorage 7 days following treatment, and (3) may be fed peanut hay 21 days following treatment.

Sorghum

Sorghum midge: Apply 1/2+1 lb. per acre when 90% of the heads have emerged from the boot. Repeat application within 4 days.

Crop may be fed to livestock immediately following treatment. Do not apply within 7 days of harvesting for grain. Culworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean cutworms.

Sovheans

Culworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre just prior to planting. Work into 2-3 inches of soil immediately for surface cutworms, 3-6 inches for subterranean cutworms.

Sugar Beets

Beet leathopper, Dipterous leatminer, Aphids: Apply 4-1 lb. per acre.

Grasshoppers: Apply 1 Ib per acre.

Wireworms: Broadcast 6-8 lbs. per acre just prior to planting, and work into 4-8 inches of soil immediately. Tops may be led to beet and dairy animals

Whitefies		
Apple and thorn skeletonizers, Cotoneaster webworms, Fall webworms, Hemuck	· . v2	3.05
chermes, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars		

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur. Mimosa webworms; Mix 1/2 oz. in 3 gals, of water (or 1 lb, in 100 gals, of water) and apply as a thorough foliar spray when adults first appear. Make a second and third application at 4-5 week intervals.

LAWN INSECTS

To control insects listed below, apply recommended rates. For insects such as Ants, Brown dog ticks, Clover mites. Crickets, Earwigs, Fleas, Millipedes, Solvbugs, and Springtails (Collembola), which are commonly found near the house and may enter the house, spray a 5-th band of soil around the house as well as the house foundation wall to a height of 2-3 ft. Repeat application if necessary.

insects	Rate/1000 sq. ft			
	Diazinon 50	Walet	Romarks	
Lann chinch bugs	2-3 02 01 3-6 02.	25 gals "	Use higher rate for longer residual control and in fawns of gense growin, such as St. Augustine lawns	
Ants, Armyworms, Clorer miles, Spring- teris, (Cottumbola), Criffers, Cutworrs Deger wasps, Earwigs and files, Lakr billbugs, Sod webworrs (Lawn moths), Sombugs	4 02	3 gais	Spot spray ant hills and wasp ground nost open- ings For lawn bilbugs, irrigate the lawn thoroughly immediately after treatment For fint files, mow grass and water well before treat- ment, but delay application unit grass is dry. Do not water again unit necessary.	
Brown dog ticks, Bermudagrass mites. Chiggers, Fleas, Leathoppers	1% 02.	3 gais	Do not apply to animals. For brown dog ticks, spray grass and under stirub- bary, particularly near house	
Millipedes	8 oz	3 gals		
Rhodesgrass scales	5 02	25 gals *	Apply when crawlers first emerge	

*Application can be made in 3 gals, of water per 1000 sq. ft. Thoroughly water treated area immediately following application

Boxelder bugs: Spray bugs outside the home with 112-214 oz. in 1 gal, of water. At the same time, spray thoroughly around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

Ball Sprays:

SEED TREATMENT-PLANTER-BOX TREATMENT

Corn Seedcom beetle: mix 3 oz. per bushel of seed as a dry mixture in the planter box as a seed treatment prior to nlanting

Corn, Peas, Soybeans, and Beans (Lima, Snap, White and Kidney) Seedcorn maggot: Mix ½ oz. per bushel of seed as a dry mixture in the planter box as a seed treatment prior to planting Planter-box Mixing Instructions: Stir seed slightly using

a mixing stick. Additional mixing will result from the

operation of the planter. DO NOT MIX WITH BARE

Note: If seed has not been treated with a fung-cide, use Captan or Thiram in combination with DIAZINON 50 at rates indicated on lungicide package. Failure to use a fungicide with DIAZINON S0 may result in injury to the seed. If the seed treatment increases the friction between seeds sufficient to reduce the rate of delivery through the planter, 1/2 oz. of graphile per bushal of seed should be added as a drill lubricant. Adjust the planter to give the required rate of seed delivery with the treated seed Caution: DIAZINON 50 treated grain cannot be used for lead for livestock, or for the preparation of products for human consumption.

FLY CONTROL

HANDS

Fly control in barns and animal sleeping quarters (except dairy pains, milk rooms, and poultry houses).

Residual Sprays:

Remove animals from buildings prior to treatment and keep animals out for at least four hours. Mix 2 lbs. of DIAZINON 50 in 25 gals, of water and apply as an overall soray to ceilings and walls of livestoc', sheds, call barns, hen barns, loaling sheds, and other farm buildings except poultry houses, dairy barns, and milk rooms. Areas where flies congregate, such as garbage dumps and corrais, should be sprayed thoroughly. Longer residual control may be obtailled by increasing the rate to 4 lbs, in 25 gals, of water Applications should be made to point of runoff. One gill of the above spray should cover from 350-750 sq. ft. c1 area, depending on the surface treated. Repeat applications as llytocoulations warrant.

Mix the appropriate amount of DIAZINON 50 with 1 lb of sugar (or 2 cups of syrup or molasses) for the desired apolication For knapsack or similar type sprayer, mix 1/2 lb, with the

sugar in 2½ gals, of water and spot treat areas frequented by flies including cracks, crevices, doorways, around windows, or other areas where flies congregate Repeat applications as fly populations warrant.

For sprinkling can application, mix 2 oz, with the sugar in 5 gals, of water and sprinkle lightly over the floor in areas frequented by flies. Applications every day or two will generally be required.

Do not contaminate milk, teed, drinking water, or apply to animals or poultry. Do not use in edible product areas of food processing plants or other areas where food is commercially prepared or processed. Do not use in dwellings.

Conditions of Sale and Warranty

The Directions for Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application all of which are beyond the control of Platte Chemical or the Seller. All such risks shall be assumed by the Buyer, Platte Chemical warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use subject to the inherent risks referred to above. Platte Chemical makes no other express or implied warranty of Fitness or Merchantschility or any other express or implied warranty. In no case shall Platte Chemical or the Seller be liable for consequential, special, or indirect damages resulting from the use or handling of this product. Platte Chemical and the Seller offer this product, and the Buyer and user accept it, subject to the foregoing Conditions of Sale and Warranty, which may be varied only be agreement in writing signed by a duly authorized representative of Platte Chemical

Diazinon Mixture RO NA2783 ORMA	Formulated for PLATTE CHEMICAL CO. 150 S. Main SL., Fremoni, M CGPL 11637 053 10496	NE 68025 08483	A
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