DIAZINON

50

Wettable Powder Insecticide

CLEAN CROP

ACTIVE INGREDIENT:
Diazinon: O,O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate 50.0%
INERT INGREDIENTS: 50.0%
TOTAL 100.0%

Diazinon 50 is a wettable powder
For control of certain insects on fruits, nuts, vegetables, field crops and ornamentals
For specific insects refer to use directions

KEEP OUT OF REACH OF CHILDREN

WARNING AVISO

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

See Additional Precautionary Statements Below

EPA REG. NO. 34704-248

® CLEAN CROP is a Registered T.M. of United Ag

ACCEPTED
SEP 30 1986
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No 34704-248

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 inhaled: Remove victim to fresh air. Apply artificial 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 **feeding on treated areas may be killed. Keep out of lakes,** streams, ponds, tidal marshes, and estuaries (except for effluence from treated watercress beds). Do not apply to water that will be used for recreational 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 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 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 are given, warnings shall be given in a language 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 exposed to Diazinon and describe his condition. For further information see the "STATEMENT OF PRACTICAL TREATMENT."

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

> 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.

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.
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 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 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 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.

Since DIAZINON 50 is a wettable powder formulation, constant agitation is necessary during application.

FRUIT AND NUT INSECTS

DIAZINON 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 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 lb. 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.

Almonds
Twig borers: Apply 1-1½ lbs. DIAZINON 50 per

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 applications when flies are active and laying eggs.

San Jose scale crawlers, Forbes scale crawlers: Mix 1 lb. 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.

gals. of water. Apply up to 200 gals. of spray per acre or apply 2 lbs. per acre in sufficient water for thorough coverage. Do not apply within 7 days of harvest.

Caneberries (Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries)
Leafhoppers, Thrips, Aphids, Twospotted mite, Raspberry sawfly: Mix 1 lb. per 100 gals. of water and apply up to 200 gals. of spray per acre, or apply 2 lbs. per acre in sufficient water for thorough coverage.

Raspberry fruitworm: Apply at the rate indicated when blossom buds separate and repeat application immediately before blossoms open.

Dryberry mite: Mix 2 lbs. per 100 gals. of water. Apply as a dormant spray in early spring when canes are still on the ground and buds are closed. Make a second application when the buds are well developed but still closed.

Raspberry crown borer (Raspberry root borer): Mix 4 lbs. per 100-200 gals. of water and apply as a drench to the crown area and to the lower canes. Apply either in the spring before berries begin to form or in the fall after harvest.

Do not apply within 7 days of harvest.

Cherries
Scales (including San Jose, parlatoria, black, brown apricot), Mite eggs (including European red mite, brown mite), Twig borers, Aphid eggs (including apple, black cherry, mealy plum), Mealybugs: Apply as a dormant spray 1½ lbs. DIAZINON 50 plus 3 gals. dormant oil or 1-1½ gals. superior type oil per 100 gals. of water.

Eyespotted bud moth, Fruittree leafroller: Mix 1 lb. per 100 gals. of water. Apply in cover sprays as necessary, beginning with petal fall.

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 infestations develop.

Cherry fruit fly: Mix ½-1 lb. per 100 gals. of water. Make 3 or 4 applications beginning when adult flies begin to emerge and repeating at 10 day intervals.

Black cherry aphid: Mix 1 lb. per 100 gals. of water. Apply as a cover spray when aphids appear and repeat after 10 days.

San Jose scale crawler: Mix 1 lb. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear.

Cherry rust mite: Mix ½-1 lb. per 100 gals. of water. Apply as a supplemental spray after harvest.

Do not apply within 10 days of harvest.

Cranberries
Blackheaded fireworm (*Rhopobota naevana*): Apply 4 lbs. in 400 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 (*Drosophila* spp.), Dried fruit beetle: Apply 1 lb. 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 ½-1 lb. per 100 gals. of water (maximum 1000 gals. per acre) as a thorough cover spray when aphids and crawler stages of scale insects first appear.

Fruittree leafroller: Mix ½-1 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 spring.

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

Citrus snow 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 infestations use the higher dosage rate. Thorough coverage of tree trunk, limbs, and twigs is essential.

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

Grapes
Pacific spider mite, Leafhoppers, 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.

Olives
Olive scale: Mix ½-1 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 Nectarines
Scales (including San Jose, parlatoria, black, brown apricot), Mite eggs (including European red mite, brown mite), Twig borers, Aphid eggs (including apple, black cherry, mealy plum), Mealybugs: Apply as a dormant spray 1½ lbs. DIAZINON 50 plus 2-3 gals. dormant oil or 1-1½ gals. superior type oil per 100 gals. of water.

Peach twig borer, Parlatoria scale: Mix 1 lb. DIAZINON 50 plus ½ gal. of light medium summer horticultural oil per 100 gals. of water. Apply at petal fall.

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, mites, and scale crawlers first appear.

Olive scale crawlers: Mix ½ lb. of DIAZINON 50 plus 1½ gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Oriental fruit moth: Mix 1 lb. per 100 gals. of water and apply at 100% petal fall. Make 2 additional applications at 10-15 day intervals. Time the last application to peak adult Oriental fruit moth flight if possible.

Peach twig borer: Mix 1 lb. per 100 gals. of water and apply to peaches in May and June.

Leafhoppers (Peaches only): 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.

White peach scale (Peaches only): As a postharvest spray, apply 1½-2 lbs. per 100 gals. of water timed to coincide with peak crawler and immature scale activity. Under conditions of heavy infestations, 2 applications may be necessary.

Do not apply to peaches within 20 days or to nectarines within 10 days of harvest.

Pears
Scales (including San Jose, parlatoria, black, brown apricot), Mite eggs (including European red mite, brown mite, pearleaf blister 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 1-1½ gals. superior type oil per 100 gals. of water.

Pear psylla: Mix ½-1 lb. per 100 gals. of water. Apply as a cover spray at pre-pink stage. Make 1-2 additional applications during the first and second cover sprays if necessary.

Tentiform leafminer, Mealybug: Mix 1 lb. per 100 gals. of water. Apply in 3 cover sprays, beginning in April.

Refer also to the Apples section.

Do not apply within 14 days of harvest.

Pecans
Aphids, Mites, Pecan nut casebearer, Walnut caterpillar: Apply 2-6 lbs. per acre as a foliage spray. Do not apply 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 fed to livestock 7 days following last application.

Plums and Prunes
Scales (including San Jose, parlatoria, black, brown apricot), Mite eggs (including European red mite, brown mite, pearleaf blister mite), Twig borers, Aphid eggs (including apple, black cherry, mealy plum), Mealybugs: Apply as a dormant spray 1 lb. of DIAZINON 50 plus 2-3 gals. dormant oil or 1-1½ gals. superior type oil per 100 gals. of water. For late April or May applications, mix 1 lb. of DIAZINON 50 plus 1 gal. of light medium summer horticultural oil 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
Aphids, Twospotted spider mite: 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 if 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 inches of soil immediately.

Strawberry leafroller: Mix ½-1 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 foliage spray.

Codling moth, Scale crawlers, Walnut caterpillar: Apply 6 lbs. per acre.

Do not apply after the husks open.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, birds, and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes, and estuaries (except for effluence from treated watercress beds). Do not apply to water that will be used for recreational 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 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

[illegible] largest applicable interval an additional 50% of that interval.

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.

STORAGE: Store in safe manner. Store in original container only. Store in cool, dry place. Keep container 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 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 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.

Since DIAZINON 50 is a wettable powder formulation, constant agitation is necessary during application.

FRUIT AND NUT INSECTS

DIAZINON 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 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 lb. 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.

[Almonds]
Mites. Twig borers. Apply 1-1½ 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 cherry, 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
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 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 cherry, mealy plum). Mealybugs. Apply as a dormant or delayed-dormant spray 1 lb. of DIAZINON 50 plus 2 gals. dormant oil or 1-1½ gals. superior type oil per 100 gals. of water.

Eyespotted bud moth. Fruittree leafroller. Mealybug. Mix 1 lb. per 100 gals. of water. Make 3-8 [illegible] applications beginning in the pink stage.

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 applications when flies are active and laying eggs.

San Jose scale crawlers. Forbes scale crawlers. Mix 1 lb. 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). 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 lb. of DIAZINON 50 plus 2 gals. of dormant oil or 1½ 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, mites and scale crawlers first appear.

Olive scale crawlers. Mix 1 lb. of DIAZINON 50 plus 1½ gals. of light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Apricot mealybug. Mix [illegible] 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 maggot. Aphids. Thrips. Twospotted mite. Mix 1 lb. per 100

per acre.

Do not apply within 7 days of harvest.

Figs
Vinegar fly (*Drosophila* spp.). Dried fruit beetle. Apply 1 lb. 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)
[illegible] aphid. Cottonycushion scale crawlers and Soft scale crawlers. Apply ½-1 lb. per 100 gals. of water (maximum 1000 gals. per acre) as a thorough cover spray when aphids and crawler stages of scale insects first appear.

Fruittree leafroller. Mix ½-1 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 spring.

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

Citrus snow 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 infestations use the higher dosage rate. Thorough coverage of tree trunk, limbs, and twigs is essential.

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

Grapes
Pacific spider mite. Leafhoppers. 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.

Olives
Olive scale. Mix ¾-1 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 Nectarines
Scales (including San Jose, parlatoria, black, brown apricot). Mite eggs (including European red mite, brown

of light medium horticultural oil in 500 gals. of water per acre to the vegetative [illegible] 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 [illegible] may be fed to livestock 7 days following last application.

Plums and Prunes
Scales (including San Jose, parlatoria, black, brown apricot). Mite eggs (including European red mite, brown mite, pearleaf blister mite). Twig borers. Aphid eggs (including apple, black cherry, mealy plum). Mealybugs. Apply as a dormant spray 1 lb. of DIAZINON 50 plus 2-3 gals. dormant oil or 1-1½ gals. superior type oil per 100 gals. of water. For late April or May applications, mix 1 lb. of DIAZINON 50 plus 1 gal. of light medium summer [illegible] 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
Aphids. Twospotted spider mite. 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, if necessary, after harvest.

White grubs. Broadcast 2 lbs. per acre when insects are present. Apply 1-2 days before transplanting and mix into the top 1-2 inches of soil immediately.

Strawberry leafroller. Mix ½-1 lb. per 100 gals. of water. Apply 200 gals. spray per acre when blossoms show [illegible].

Do not apply within 5 days of harvest.

Walnuts
Aphids. Mites. Apply 2 lbs. per acre as a foliage spray.

Codling moth. Scale crawlers. Walnut caterpillar. Apply 6 lbs. per acre.

Do not apply after the husks open.

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. Apply 1-1½ lbs. per acre.

Cucumber beetle. Apply ½-¾ lb. 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 cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

Lima Beans
Dipterous leafminer. Leafhoppers. Mites. 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 treatment if forage is to be cut for hay.

Broccoli, Cabbage, Cauliflower
Aphids. Diamondback moth. Imported cabbageworm. Dipterous leafminer. Apply ½-1 lb. per acre. 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 intervals will usually be required. Do not apply [illegible] within 7 days of harvest.

Carrots

Celery
Aphids. Flea beetles. Apply 1 lb. in 100 gals. of water per acre.

Dipterous leafminer. Apply ½-1 lb. per acre in sufficient water to achieve thorough coverage when infestations first appear. Repeat as necessary.

Do not apply within 10 days of harvest. Plants should be market trimmed (tops removed) before being shipped or used. Tops should not be used for feed or food.

Collards, Kale, Swiss Chard, Turnip Tops
Aphids. Imported cabbageworm. Diamondback moth. Harlequin cabbage bug. Cornearworm. Apply ½-1 lb. per acre. Do not apply to collards, kale or turnip tops within 10 days, or to swiss chard within 12 days, of harvest.

Cucumbers
Aphids. Serpentine leafminer. Thrips. Apply 1 lb. per acre. Do not apply within 7 days of harvest.

Lettuce and Endive
Aphids. Dipterous leafminer. Apply ½-1 lb. per acre. Do not apply within 10 days of harvest.

Melons and Squash (Cantaloupes, Casabas, Crenshaws, Honeydew Melons, Muskmelons, Persian Melons, and hybrids of these; Watermelons and their hybrids, Summer and Winter Squash)
Aphids. Leafhoppers. Mites. Apply 1-1½ lb. per acre. Serpentine leafminer. Thrips. Apply ½-1 lb. per acre. Do not apply to melons or winter squash within 3 days or to summer squash within 7 days of harvest.

Mushroom Houses

Brussels Sprouts	Lettuce	Summer Squash
Cabbage	Lima Beans	Sweet Corn
Cantaloupes	Muskmelons	Sweet Potatoes
Cauliflower	Parsley	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)

Cabbage	Peas	Snap Beans
Carrots	Pole Beans	Tomatoes
Corn	Radishes	Turnips
Lettuce	Red Beets	

Broadcast 20 lbs per acre just prior 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	Tomatoes
Cauliflower	Mustard	Turnips
Collards		

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

Onion maggots

Onions. Furrow Application: Apply 2 lbs per acre [illegible]

Broccoli	Endive (escarole)	Snap Beans
Brussels Sprouts	Kale	Spinach
Cabbage	Lettuce	Summer Squash
Cantaloupes	Lima Beans	Sweet Corn
Carrots	Muskmelons	Sweet Potatoes
Cauliflower	Onions	Swiss Chard
Celery	Parsley	Tomatoes
Collards	Peas	Watermelons
Cucumbers	Peppers	Winter Squash

Broadcast 6-8 lbs per acre prior to planting and work into soil 4-8 inches immediately.

Potatoes. Broadcast 6-12 lbs per acre prior to planting. Immediately disk 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 planting and immediately work into soil 3-6 inches depending on local [illegible]

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 Trefoil

Spotted alfalfa aphid. Yellow clover aphid. Pea aphid. Leafhoppers. Plant bugs (nymphs). Mites. Apply [illegible] 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 fed green alfalfa or clover immediately following application and (3) may be fed hay provided alfalfa or [illegible] for 7 days following treatment.

Alfalfa weevil larvae. 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 stubble. 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 Band Treatment)

Apply the 2½ oz per 1000 linear feet of row in sufficient water to wet base of plants in 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, ridger, cultivator immediately after spraying. Application should be made at the first signs of corn rootworm larvae. Application should not be made later than June 24 in the Maize Corn Belt or July in the Northern Corn Belt.

SUGGESTED RATES ACCORDING TO ROW SPACING FOR CORN ROOTWORM LARVAE CONTROL

Linear Feet	Amount of Diazinon 50 Acre

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 2-2½ 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 beef cattle and sheep.

Cotton

Spider mites. Aphids. Leafhoppers. Lygus bugs. Cotton bollworm. 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 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.

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 for subterranean cutworms.

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 peanut harvest.

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

Sorghum

Sorghum midge. Apply [illegible]

LIVESTOCK INSECTS

Sheep "Ticks" (Keds) Lice

High gallonage, high pressure spray. Mix 1 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 gals of water. Apply at the rate of 1 pint per animal.

Sprinkler Can. Mix 1 oz in 6 gals of water. Drench sheep [illegible]

[illegible] a small pail and sprinkle 1 pint of the mixture over the head, neck, back and side of each sheep. Stir or 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 Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce and Willow, apply the recommended rates indicated below.

Insects	Amount Diazinon 50 to Use: per 3 gals water	Amount Diazinon 50 to Use: per 100 gals water
Aphids, Bagworms, Carnation bud mites, Carnation shoot mites, Clover mites, Cyclamen mites, Diptrious leafminers, European pine shoot moths, European red mites, Flea beetles, Holly bud moths, Leafhoppers, Obscure root weevils, Omnivorous leafrollers, Privet mites, Scale crawlers (Cottony cushion, Lecanium, Pine needle, San Jose, Soft scale), Thrips, Twospotted mites, Webworms, Whiteflies	½ oz	1 lb
Apple-and-thorn skeletonizers, Cotoneaster webworms, Fall webworms, Hemlock loopers, Oak loopers, Obliquebanded leafrollers, Pear slugs, Tent caterpillars	1½ oz	3 lbs

Do not use on Ferns, Poinsettia, Hibiscus, Papaya, Pilea and Gardenia since injury to the plants may occur.

Mimosa webworms. Mix 1½ 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 weeks 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, Sowbugs and Springtails (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.

Insects	Rate 1000 sq ft: Diazinon 50	Rate 1000 sq ft: Water	Remarks
[illegible]	2½ oz [illegible] oz	[illegible] gals	Use higher rate for longer residual control and [illegible] coarse grass such as St Augustine grass
Ants, Armyworms, Clover mites, Spring tails (Collembola), Crickets, Cutworms, Digger wasps, Earwigs, Fleas, Lawn billbugs, Sod webworms (lawn moths), Sowbugs	4 oz	3 gals	Spot spray ant nests and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly immediately after treatment. Prevent [illegible] grass and water well before treatment, but delay application until grass is dry. Do not water again unless necessary.
Brown dog ticks, Bermudagrass mites, Chiggers, Fleas, Leafhoppers	[illegible] oz	3 gals	Do not apply in animals. For brown dog ticks, spray grass and under shrubbery particularly near house.
Millipedes	8 oz	3 gals	
Rhodesgrass scales	5 oz	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 1 to 2½ 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.

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 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 seeds slightly using a mixing stick. Additional mixing will result from the operation of the planter. DO NOT MIX WITH BARE HANDS.

Note: If seed has not been treated with a fungicide, use Captan or Thiram in combination with DIAZINON 50 at rates indicated on fungicide package. Failure to use a fungicide 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 oz of graphite per bushel of seed should be added as a dry lubricant. Adjust the planter to give the reduced rate of seed delivery with the treated seed.

Caution: DIAZINON 50 treated grain cannot be used feed for livestock or for the preparation of products for human consumption.

FLY CONTROL

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

Residual Sprays:

Remove animals from buildings prior to treatment. Hand [illegible]

Bait Sprays

Mix the appropriate amount of DIAZINON 50 with 1 lb of sugar (or 2 cups of syrup or molasses) for the desired application.

For a backpack or similar type sprayer, mix ½ lb with the sugar in 2½ gals of water and spot treat areas frequented by flies including cracks, crevices, doorways,

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 Trefoil
Spotted alfalfa aphid, Yellow clover aphid, Pea aphid, **Leafhoppers**, **Plant bug nymphs**, Mites: Apply ½-1 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 and 3-6 inches for subterranean 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 fed hay provided alfalfa or clover is not cut for hay for 7 days following treatment.

Alfalfa weevil larvae: 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 stubble. 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 1¼-2 [illegible] 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 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 Northern Corn Belt.

SUGGESTED RATES ACCORDING TO ROW SPACING FOR CORN ROOTWORM LARVAE CONTROL

Spacing	Linear Feet of Corn Row Acre	Amount of Diazinon 50 Acre: Postemergence Basal Treatment
48	10,890	14.25 oz.
42	12,445	15 [illegible] 31 oz.
40	13,068	16.32 oz. (1.02 lbs.)
38	13,939	17 [illegible] 35 oz.
36	14,520	18.36 oz.
30	17,424	22.44 oz. ([illegible] lbs.)
24	21,780	27 [illegible] oz.
20	26,136	32.64 oz. (2.04 lbs.)
15	34,848	44.88 oz.

Note: For row spacings not listed, calculate the appropriate dosage rates based on the 40 inch row figures.

Seedcorn maggot: Broadcast 4-8 lbs. per acre just prior to planting. Work into 2 inches of soil immediately.

Cutworms (Surface and Subterranean): Broadcast 4-8 lbs. per acre. For surface cutworms apply just prior to planting or when larvae first appear and work into 2-4 inches of soil immediately. Do not apply later than May 1.

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 2-2½ 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 beef cattle and sheep.

Cotton
Spider mites, Aphids, Leafhoppers, 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 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.

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 for subterranean cutworms.

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 peanut harvest.

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

Sorghum
Sorghum midge: Apply ½-1 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.

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
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.

Sugar Beets
Beet leafhopper, Fiddlerous leafminer, Aphids: Apply ½-1 lb. per acre.

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 may be fed to beef and dairy animals.

LAWN INSECTS

To control insects listed below, apply recommended rates. For insects such as Ants, Brown dog ticks, Clover mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs and Springtails (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.

Insects	Rate/1000 sq. ft.: Diazinon 50	Rate/1000 sq. ft.: Water	Remarks
Lawn chinch bugs	2-3 oz. or 3-6 oz.	25 gals.*	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine grass.
Ants, Armyworms, Clover mites, Springtails (Collembola), Crickets, Cutworms, Digger wasps, Earwigs, Fruit flies, Lawn billbugs, Sod webworms (lawn moths), Sowbugs	4 oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate the lawn thoroughly **immediately after treatment**. For fruit flies, mow grass and water well before treatment, but delay application until grass is dry. Do not water again until necessary.
Brown dog ticks, Bermudagrass mites, Chiggers, Fleas, Leafhoppers	1½ oz.	3 gals.	Do not apply to animals. For brown dog ticks, spray **grass and under shrubbery**, particularly near house.
Millipedes	8 oz.	3 gals.	
Rhodesgrass scales	5 oz.	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 1½-2½ 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.

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 1½ 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 seeds lightly using a mixing stick. Additional mixing will result from the operation of the planter. DO NOT MIX WITH BARE HANDS.

Note: If seed has not been treated with **a fungicide, use** Captan or Thiram in combination with **DIAZINON 50 at** rates indicated on fungicide package. **Failure to use a** fungicide 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, ½ oz. of graphite **per bushel of seed should be** added as a dry 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 feed for livestock or **for the preparation of products** for human consumption.

FLY CONTROL

Fly control in barns and animal sleeping quarters (except dairy barns, 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 spray to ceilings and walls of livestock sheds, calf barns, hog barns, loafing sheds, and other farm buildings except poultry houses, dairy barns and milk rooms. Areas where flies congregate, such as garbage dumps and corrals, should be sprayed thoroughly. Longer residual control may be obtained by increasing the rate to 4 lbs. in 25 gals. of water. Applications should be made to point of runoff. One gal. of the above spray should cover from 350-750 sq. ft. of area, depending on the surface treated. Repeat applications as fly populations warrant.

Bait Sprays
Mix the appropriate amount of **DIAZINON 50 with 1 lb.** of sugar (or 2 cups of syrup **or molasses) for the desired** application.

For knapsack or similar type sprayer, mix ½ lb. **with the** sugar in 2½ gals. of water and **spot treat areas** frequented by flies, including cracks, crevices, doorways, around windows, or wherever flies tend to 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, feed, 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 Merchantability 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 by agreement in writing signed by a duly authorized representative of Platte Chemical.

Diazinon Mixture
RQ NA2783

ORM-A

Formulated for:
PLATTE CHEMICAL CO.
150 S. Main St., Fremont, NE 68025

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