

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED--Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or, if available, by administering syrup or ipecac. 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 IN EYES--Flush eyes with plenty of clear water for at least 15 minutes, and get medical attention if irritation persists. IF ON SKIN--Remove contaminated clothing and wash skin immediately with soap and warm water.

NOTE TO PHYSICIAN

ANTIDOTE--Administer atropine sulfate in large therapeutic doses. Repeat as necessary to the point of tolerance. 2-PAM is also antidotal, and may be administered in conjunction with atropine. Compound inhibits cholinesterase, resulting in stimulation of the central nervous system, the parasympathetic nervous system and the somatic motor nerves. Do not give morphine. Watch for pulmonary edema, which may develop in serious cases of poisoning even after 12 hours. At first sign of pulmonary edema, the patient should be placed in an oxygen tent and treated symptomatically.

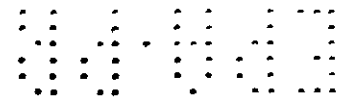
POISON SIGNS (Symptoms)--A sense of "lightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER

Poisonous if swallowed, inhaled or absorbed through skin. Do not get in eyes or on skin. Do not breathe spray mist. Wash hands, arms and face thoroughly with soap and warm water before eating or smoking. Wash all contaminated clothing with soap and hot water before reuse. Keep out of reach of children and domestic animals. Do not contaminate food or feed.

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.



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RESTRICTED USE PESTICIDE
FOR RETAIL SALE TO AND USE ONLY BY CERTIFIED APPLICATORS OR PERSONS UNDER THEIR DIRECT SUPERVISION AND ONLY FOR THOSE USES COVERED BY THE CERTIFIED APPLICATOR'S CERTIFICATION.

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Gowan AZINPHOS-M 2 EC

EMULSIFIABLE INSECTICIDE

ACTIVE INGREDIENT:	BY WT.
0,0-Dimethyl S-((4-oxo-1,2,3-Benzotriazin-3(4H)-yl)methyl) phosphorodithioate.....	22.2%
INERT INGREDIENTS*	77.8%
TOTAL	100.0%

CONTAINS 2 LBS. ACTIVE INGREDIENT PER GALLON

KEEP OUT OF REACH OF CHILDREN



DANGER-POISON
PELIGRO



PRECAUCION: El usuario situado no se incluye. no use este producto hasta que la etiqueta ha sido explicado ampliamente.

NOT FOR USE OR STORAGE IN OR AROUND THE HOME ENVIRONMENT

See SIDE PANELS for STATEMENT OF PRACTICAL TREATMENT Section and Additional PRECAUTIONARY STATEMENTS.

Net Contents Gal.

Gowan Company

AGRICULTURAL CHEMICALS

EPA Reg. No. 10163-80
EPA Est. No. 10163-AZ-1

12300 E. Co. 8th Street
P. O. Box 5696
Yuma, Arizona 85364
(602) 783-8844

ACCEPTED

MAY 31 1985

Under the Insecticide, Fungicide and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 10163-80

BEST AVAILABLE COPY

WORK SAFETY any other time, or respirator worn and the Institute worn when handling to Windows

This product is to wildlife in treated when weather conditions are likely to occur. I of wastes. Apply I

This product to direct t tective inf Cooperative

Do not use Do not store draft from and 120°F. cosmetics, Do not store to reconst until reco

It is a violation of labeling

Do not enter trees worn

Because certain crops treated with further information

Written or oral to treated area or in are given, warning Oral warnings may not be understood information DAN Do not enter with full exposure, talk

or respirator recommended by the Mining Enforcement and Safety Administration and the Institute for Occupational Safety and Health for protection should also be worn when handling the concentrate. Spray operator should work to windward to stay out of drift or mist.

ENVIRONMENTAL HAZARDS

This product is toxic to fish, shrimp, crabs, birds, and other wildlife. Birds and other wildlife in treated areas may be killed. Do not apply directly to water. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

PHYSICAL AND CHEMICAL HAZARDS

Do not use or store near heat or open flame. Do not store in front of space heater or in draft from an open door. Store between 55^oF and 120^oF. Do not store adjacent to toys, cosmetics, dishes, furniture or clothing. Do not store next to herbicides. Difficult to reconstitute formulation after exposure to cold. In case of freeze-out, do not sell until reconstituted.

DIRECTIONS FOR USE

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

RE-ENTRY STATEMENTS

Do not enter treated areas for 24 hours unless appropriate protective clothing is worn.

Because certain states may require more restrictive re-entry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

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. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Written and oral warnings must include the following information: DANGER—Area treated with Azinphos-Methyl on (date of application). Do not enter without appropriate protective clothing for 24 hours. In case of accidental exposure, follow instructions under Statement of Practical Treatment section.

DO NOT CONTAMINATE WATER. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

CONTAINER DISPOSAL: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

CROP USE DIRECTIONS

Use only according to instructions on attached booklet/folder.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage resulting from its misuse as such, or in combination with other materials.

APP _____

RQ AZINPHOS METHYL MIXTURE, LIQUID, POISON B, NA-2783

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DIRECTIONS FOR USE

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

MIXING: Gowan Azinphos-M 2 EC emulsifiable insecticide forms an emulsion when diluted with water, and is suitable for use in all power-operated ground and aircraft sprayers. To mix with water, pour the required amount of Gowan Azinphos-M 2 EC into full amount of water, and then agitate. Gowan Azinphos-M 2 EC may also be applied undiluted as an ultra-low-volume spray with either ground or aircraft equipment that has been adapted and calibrated for ultra-low-volume spraying as described below under "Recommendations" for those crops specified.

DOSAGE: Use specified dosage of Gowan Azinphos-M 2 EC in the amount of water necessary to give complete coverage of foliage. The type of equipment used will determine the concentration required.

SPRAYING: Work to windward. Protect sprayer operators from drift or mist. When low volumes of spray are applied, complete coverage and thorough application are essential for most effective results. Schedule applications in accordance with local conditions. Consult your State Agricultural Extension Service or Experiment Station for specific use information in your area.

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

RECOMMENDATIONS

FIELD CROPS

ALFALFA; CLOVER: Alfalfa Weevil--1 to 3 pints. Aphids; Leafhoppers; Mites--1 to 2 pints. Egyptian Alfalfa Weevil--1½ to 3 pints. Alfalfa Plant Bug; Fleahopper; Grasshoppers; Lygus Bugs; Spittlebug--2 to 3 pints. Apply specified dosage per acre, using a minimum of 10 gallons of water per acre when applying with ground equipment, and a minimum of 5 gallons per acre for aerial applications for Alfalfa Weevils, and at least 1 gallon per acre for the other insects listed. It may be necessary to use 20 to 25 gallons of water per acre on heavy growth for control of Alfalfa Weevil or Egyptian Alfalfa Weevil with ground equipment. Apply twice per cutting at the 1-pint rate, at intervals of 10 to 11 days. Do not apply more than twice per cutting at the 1-pint rate. Apply only once per cutting at rates above 1 pint per acre. Do not apply within 14 days of harvest or grazing at the rates of 1 to 1½ pints per acre, or within 16 days at the rate of 2 pints per acre. Do not apply rates above 2 pints per acre within 21 days of harvest or grazing.

COTTON (Conventional or Low-Volume Spray): Aphids; Boll Weevil; Brown Cotton Leafworm; Cotton Leafhopper; Cotton Leafworm; Lygus Bugs; Mites; Thrips--1 pint. Rapid Plant Bug; Tarnished Plant Bug--1 to 2 pints. Stink Bug--2 pints. Bollworm; Pink Bollworm--2 to 4 pints. Apply specified dosage per acre, by air or ground equipment, in at least 1 gallon of water. For early season control of Bollworm and Pink Bollworm, use 2 to 3 pints, and for mid- to late-season applications, use 3 to 4 pints. Repeat as necessary. Do not apply within 1 day of picking. Cotton receiving late-season applications should not be pastured, and gin trash from this cotton should not be fed.

(1) COTTON (Ultra-Low Volume Spray): Bollweevil-- $\frac{1}{2}$ to 1 pint. Gowan Azinphos-M 2 EC may be used undiluted in any ground or aerial spray equipment that has been adapted and calibrated for ultra-low-volume spraying. Spray machines must be equipped with accepted low-volume devices that will produce droplets within the range of 30 to 100 microns in size. ULV aerial applications should be made at altitudes of 10 to 20 feet. Repeat applications as necessary, but not within 2 days of hand-picking. Cotton may be machine-harvested any time after application. Do not graze livestock in treated areas. Do not feed gin trash to livestock. For Early- and Mid-Season Control, apply the specified dosage per acre in accordance with local recommendations.

Diapause Weevil Control: Boll Weevil--1 pint. The 1-pint per acre rate only is recommended for control of diapausing Boll Weevils. Schedule applications in accordance with local recommendations.

BARLEY; OATS; RYE; WHEAT: Cereal Leaf Beetle-- $1\frac{1}{2}$ to 2 pints per acre. Apply by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Do not apply more than once per season. Do not harvest for food, feed, forage or graze within 30 days of treatment.

PASTURE GRASSES (States East of Mississippi River): Grasshoppers; Meadow Spittlebugs (Adults)--Apply 2 to 3 pints per acre by air or ground equipment in sufficient water for complete coverage but not less than 1 gallon per acre. Do not apply more than once per cutting. Do not graze or harvest within 16 days of application at the 2 pint rate or 21 days at rates above 2 pints.

SOYBEANS: Aphids; Bean Leaf Beetle; Green Cloverworm; Leafhoppers; Leaf Miners; Leaf Rollers; Stink Bugs; Velvet Bean Caterpillar-- $1\frac{1}{2}$ to 2 pints. Mexican Bean Beetle--2 to 3 pints. Apply specified dosage per acre, by air or ground equipment, in sufficient water to give complete coverage, but not less than 1 gallon per acre. Repeat as necessary. One or two applications of rates up to 2 pints per acre may be made up to 14 days of harvest. For additional applications or for use of rates above 2 pints per acre, do not apply within 45 days of harvest. Do not graze or feed treated vines to livestock.

SUGARCANE (Conventional Spray--Florida, Louisiana and Texas Only): Sugarcane Borer--Apply 3 pints per acre by air, using a minimum of 2 gallons of water per acre. For best results, applications should be made at approximately cane-top level, and not more than 10 feet above cane-top level. Do not apply more than 5 times per season, or within 30 days of harvest. Bagasse

from sugarcane treated with Gowan Azinphos-M 2 EC may be used for feed of cattle, goats and sheep. Consult your State Agricultural Extension Service or Experiment Station for specific use information.

(1) SUGARCANE (Ultra-Low-Volume Spray--Florida, Louisiana and Texas Only): Sugarcane Borer--Apply 3 pints per acre undiluted. Gowan Azinphos-M 2 EC may be used undiluted in any aerial spray equipment that has been adapted and calibrated for ultra-low-volume spraying. Planes must be equipped with accepted low-volume devices that will produce droplets within the range of 30 to 100 microns in size. For best results, applications should be made at approximately cane-top level, and not more than 10 feet above cane-top level. Do not apply more than 5 times per season, or within 30 days of harvest. Bagasse from sugarcane treated with Gowan Azinphos-M 2 EC may be used for feed of cattle, sheep and goats. Consult your State Agricultural Extension Service or Experiment Station for specific use information.

TOBACCO: Aphids; Grasshoppers; Tobacco Flea Beetle; Tobacco Hornworm--2 to 3 pints. Tobacco Budworm--3 pints. Apply specified dosage per acre, by air or ground equipment, in sufficient water for complete coverage, but not less than 1 gallon per acre. Treat for hornworms as soon as egg masses or worms are first found. Repeat as necessary, but not within 6 days of harvest. Prime before treating.

(1) NOTE: This formulation, when used undiluted, may cause spotting of automobile finishes if prolonged exposure is permitted. Do not spray directly over automobiles. If accidental exposure does occur, automobiles should be washed immediately.

FRUIT

APPLES; CRABAPPLES; QUINCES (Washington, Oregon, Idaho, and Utah): Apple Maggot; Codling Moth; European Apple Sawfly; Eye-Spotted Bud Moth; Fruit Tree Leafroller; Green Fruitworm; Orange Tortrix; Plum Curculio; Red-Banded Leafroller--2 to 4 pints. Apply specified dosage per acre undiluted by helicopter or fixed wing aircraft, using equipment capable of applying ultra-low-volume sprays(1). Use Beecomist nozzles with 20-micron sleeves. Do not apply more than 5 times per season, or within 7 days of harvest.

APRICOTS; NECTARINES; PEACHES: Aphids; Cottony Peach Scale; European Fruit Lecanium Scale; Forbes Scale; Lesser Peach Tree Borer; Mites; Peach Tree Borer; Platynota flavedana Leaf Roller; Plum Curculio; Red-Banded Leaf Roller; San Jose Scale; Stink Bug; Tarnished Plant Bug; Terrapin Scale; Walnut Scale; White Peach Scale--1 to 1½ pints. Oriental Fruit Moth; Peach Twig Borer--1 to 1½ pints. NECTARINES: Thrips--1 to 1½ pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 800 gallons of finished spray per acre. Repeat as necessary. Do not apply more than 8 times per season, or within 21 days of harvest for Apricots, Nectarines and Peaches. Apply the 1½ pint rate for Oriental Fruit Moth and Peach Twig Borer on Apricots, Nectarines, and Peaches only before mid-season. For control of Peach Tree Borer, apply 2 to 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For Scale control, apply when crawlers are present. NOTE: It is suggested that when treating Nectarines during bloom period, beekeepers should be warned well in advance to remove hives a safe distance from orchards to be treated.

PLUMS; PRUNES: Aphids; Eye-Spotted Bud Moth; Forbes Scale; Fruit Tree Leaf Roller; Lesser Peach Tree Borer; Mites; Orange Tortrix; Peach Tree Borer; Peach Twig Borer; Plum Curculio; Red-Banded Leaf Roller; San Jose Scale; Stink Bug; Tarnished Plant Bug; Tussock Moth--1 to 2 pints. American Plum Borer--2 pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 800 gallons of finished spray per acre. Repeat as necessary. Do not apply more than 8 times per season or within 15 days of harvest for Plums and Prunes. For control of Peach Tree Borer, apply 2 to 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For Scale control, apply when crawlers are present.

BLACKBERRIES; BOYSENBERRIES; LOGANBERRIES; RASPBERRIES: Leafhoppers; Leaf Rollers--1 pint. Leaf Miners-- $1\frac{1}{2}$ pints. Aphids-- $1\frac{1}{2}$ to 2 pints. Obscure Root Weevil--2 pints. Apply specified dosage per acre to foliage, using approximately 200 gallons of water for good coverage. Where ground conditions dictate an air application, use specified rate in a minimum of 1 gallon of water per acre. Repeat as necessary, but not within 14 days of harvest.

BLACKBERRIES; BOYSENBERRIES; LOGANBERRIES; RASPBERRIES: Raspberry Crown (Root) Borer--4 to 8 pints. Obscure Root Weevil--2 pints. For control of root weevils and borers prior to harvest, apply specified dosage per acre to lower portion of canes, and to the soil beneath the plants, using approximately 200 gallons of water. Do not apply more than twice per season. Do not make applications within 3 days of harvest at rates up to 4 pints per acre. Rates above 4 pints per acre should be applied only before fruit-set, or after crop is harvested.

BLUEBERRIES (Eastern and North Central States Only): Blueberry Maggot; Fruitworms; Lecanium Scale; Plum Curculio--2 to 3 pints. Apply specified dosage per acre, using approximately 200 gallons of water for good coverage. Where ground conditions dictate an air application, use specified rate in a minimum of 1 gallon of water per acre. Repeat as necessary, but not more than 4 times per season, nor within 3 days of harvest. If multiple late-season applications of dust formulations containing Azinphos-M are to be made for Blueberry Maggot control, do not make more than two applications of Gowan Azinphos-M 2 EC per season, with the last spray no later than June 15.

CRANBERRIES: Cranberry Fruitworm; Sparganothis sulfureana; Tipworm--2 to 4 pints. Fireworms--4 pints. Apply specified dosage per acre, using approximately 200 gallons of water for good coverage. Where ground conditions dictate an air application, use specified rate in a minimum of 1 gallon of water per acre. Repeat as necessary. Do not apply within 21 days of harvest.

CHERRIES: Eye-Spotted Bud Moth; Forbes Scale; Fruit Flies; Fruit Tree Leaf Roller; Lesser Peach Tree Borer; Mites; Plum Curculio; San Jose Scale--1 to 2 pints. Cherry Leaf Miner; Mineola Moth--1 pint. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 800 gallons of finished spray per acre. Repeat as necessary. Do not apply more than 8 times per season, nor within 15 days of harvest.

CITRUS FRUITS: Aphids; Black Scale; Brown Soft Scale; Chaff Scale; Citricola Scale; Citrus Mealybug; Citrus Rust Mite; Citrus Thrips; Cottony-Cushion Scale; European Brown Snail; Florida Red Scale; Fruit Tree Leaf Rollers; Fuller Rose Beetle; Glover Scale; Orange Tortrix; Purple Scale; Snow Scale; Western Tussock Moth; Whiteflies--1 to 1½ pints. California Red Scale; Texas Citrus Mite; Yellow Scale--1½ pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 2000 gallons of finished spray per acre. A single application per year may be applied up to within 7 days of picking. Where 2 applications are required, the second spray should not be applied within 28 days of harvest. Do not apply more than twice per fruit year. Do not pick fruit, or do other work involving contact with the trees, such as pruning, within 7 days of treatment.

GRAPES: Grape Berry Moth; Grape Cane Girdlers; Grape Mealybug; Leafhoppers; Mites; Red-Banded Leaf Rollers; Thrips--1 to 2 pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 300 gallons of finished spray per acre. Repeat as necessary, but not more than 3 times per season. Minimum dosage specified may be applied up to harvest. Higher rates up to 1½ pints require a 10-day interval to harvest, and above 1½ pints, a 28-day interval to harvest.

STRAWBERRIES: Aphids; Meadow Spittlebug; Oblique-Banded Leaf Roller; Obscure Root Weevil; Omnivorous Leaf Tier; Pea Leaf Weevil; Small Black (Grass) Weevil; Strawberry Leaf Rollers; Whitefly--2 pints. Apply specified dosage in 200 gallons of water per acre as a full coverage spray*. Where ground conditions dictate an air application, use specified rate in a minimum of 1 gallon of water per acre. Repeat as necessary. Do not apply within 5 days of harvest.

NUTS

ALMONDS: Peach Twig Borer--1½ to 2 pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 500 gallons of finished spray per acre. Do not apply more than twice per season, nor within 60 days of harvest. Allow 30 days between applications.

FILBERTS (Pacific Northwest Only): Apple Mealybug; Filbert Aphid; Filbert Leaf Roller; Filbertworm--1 to 3 pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 1000 gallons of finished spray per acre. Repeat as necessary. Do not apply within 30 days of harvest. Do not graze livestock in treated groves for 21 days after treatment.

PECANS: Aphids; Fall Webworm; Hickory Shuckworm; Leaf Miners; May Beetles; Mites; Pecan Casebearer; Southern Green Stink Bug; Spittlebug; Twig Girdlers; Walnut Caterpillar--1½ to 2½ pints. Apply specified dosage in 100 gallons of water as a full coverage spray*, using not more than 1800 gallons of finished spray per acre. Repeat as necessary. Do not apply after husks split. Where more than 22½ pints of Gowan Azinphos-M 2 EC are applied per acre in a single application, do not graze livestock in treated groves. Where 22½ pints or less of Gowan Azinphos-M 2 EC are applied per acre, livestock may be grazed in treated groves after a 21-day post-treatment interval.

WALNUTS: Aphids; Codling Moth; European Red Mite; Filbertworm--1½ to 3 3/4 pints. Apply specified dosage in 100 gallons of water as a full coverage

spray*, using not more than 1100 gallons of finished spray per acre. Repeat as necessary. Do not apply after husks split. Do not graze livestock in treated groves for 21 days after treatment.

VEGETABLES

ARTICHOKES: Plum Moth--Apply 6 pints per acre by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 30 days of harvest. Do not feed or ensile treated forage.

BEANS (Snap and Dry): Leaf Rollers; Mites--1 to 2 pints. Aphids; Bean Leaf Beetle; Green Cloverworm; Leafhoppers; Leaf Miners; Stink Bugs; Velvet Bean Caterpillar-- $1\frac{1}{2}$ to 2 pints. Mexican Bean Beetle; Spotted Cucumber Beetle; Striped Cucumber Beetle; Tarnished Plant Bug; Western-Striped Cucumber Beetle--2 pints. Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Repeat as necessary. Do not apply to Snap Beans within 7 days of harvest, not to Dry Beans within 30 days of harvest. Do not exceed 4 applications on Dry Beans. Do not feed or ensile treated forage.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER: Aphids; Cabbage Looper; Diamondback Moth; Imported Cabbageworm--Apply 2 to 3 pints per acre by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest for Brussels Sprouts, 15 days of harvest for Broccoli and Cauliflower, nor within 21 days of harvest for Cabbage. **CABBAGE MAGGOT--**Mix $\frac{1}{2}$ pint in 50 gallons of water. Apply 4 to 6 ounces of this emulsion per plant immediately after transplanting.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER (Transplant Fields in California Only): Cabbage Maggot--Apply 3 pints in 300 to 400 gallons of water per acre as a soil drench in the rows when damage first appears. Additional applications may be necessary. Do not apply within 21 days of harvest.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER (Direct-Seeded Fields in California Only): Cabbage Maggot--Apply 3 pints per acre in sufficient water for uniform distribution. Mix in the upper 2 inches of soil prior to seeding, or spray in the seed row at planting time. Usually, 2 to 3 additional spray are necessary during the growing season, depending upon time of year and maggot population. Do not apply within 21 days of harvest.

CELERY: Aphids; Leaf Miners; Leafhoppers; Spittlebugs; Tarnished Plant Bug--Apply 2 pints in 100 gallons of water as a full coverage spray*, using not more than 200 gallons of finished spray per acre. Repeat as necessary, but not within 14 days of harvest.

BLACKEYED PEAS (Southern Peas, Crowder Peas): Corn Earworm; Cowpea Curculio--3 to 4 pints. Leaf Miners; Stink Bugs-- $1\frac{1}{2}$ to 2 pints. Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Do not apply more than 4 times per season, nor within 7 days of harvest. Do not use vines for feed or forage, nor pasture treated areas.

CUCUMBERS: Spotted Cucumber Beetle; Striped Cucumber Beetle; Western-Striped Cucumber Beetle--Apply 2 pints per acre by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Do not apply more than 3 times per season, not within 1 day of harvest.

EGGPLANT: Leaf Miners-- $1\frac{1}{2}$ to 2 pints. European Corn Borer; Flea Beetles--2 pints. Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage, but not less than 1 gallon per acre. Repeat as necessary. Do not apply after fruit set.

ONIONS (Green and Dry): Thrips--Apply 2 to 3 pints per acre by air or ground equipment in sufficient water to give complete coverage, but not less than 1 gallon per acre. Do not apply more than 3 times per season, nor within 28 days of harvest of Dry Onions, or 7 days of harvest of Green Onions.

PEPPERS: Leaf Miners-- $1\frac{1}{2}$ to 2 pints. European Corn Borer; Flea Beetles--2 pints. Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage, but not less than 1 gallon per acre. A maximum of 4 treatments may be made up to within 3 days of harvest. Where more than 4 applications are required, do not apply last spray within 14 days of harvest.

POTATOES: Colorado Potato Beetle-- $1\frac{1}{2}$ pints. Banded Cucumber Beetle; Leaf Miners-- $1\frac{1}{2}$ to 2 pints. European Corn Borer; Flea Beetle; Leafhoppers; Spittlebugs; Tarnished Plant Bug--2 to 3 pints. Tuberworm-- $2\frac{1}{2}$ to 3 pints. Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage, but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 7 days of harvest.

SPINACH: Aphids; Leaf Miners; Mites--Apply $1\frac{1}{2}$ to 2 pints per acre by air or ground equipment in sufficient water to give complete coverage, but not less than 1 gallon per acre. Repeat as necessary. Do not apply within 14 days of harvest.

TOMATOES: Colorado Potato Beetle-- $1\frac{1}{2}$ pints. Banded Cucumber Beetle; Drosophila; Green Stink Bug; Leaf Miners; Whitefly-- $1\frac{1}{2}$ to 2 pints. Aphids; European Corn Borer; Flea Beetles; Grasshoppers; Leafhoppers; Thrips--2 to 3 pints. Tuberworm-- $2\frac{1}{2}$ to 3 pints. Corn Earworm; Fruitworm; Hornworm; Pinworm; Yellow-Striped Armyworm--3 to 6 pints. Apply specified dosage per acre by air or ground equipment in sufficient water for complete coverage, but not less than 1 gallon per acre. Repeat as necessary. The high rates should be used where heavy infestations of late-instar lepidopterous larvae (large worms) and pinworms are present. Rates of 3 pints or less per acre may be applied up to day of harvest. Rates above 3 pints per acre require an interval of 14 days between application and harvest.

MELONS

HONEYDEW MELONS; MUSKMELONS (Cantaloupe); WATERMELONS; OTHER MELONS: Leafhoppers; Leaf Miners-- $1\frac{1}{2}$ to 2 pints. Rindworms; Spotted Cucumber Beetle; Striped Cucumber Beetle; Western-Striped Cucumber Beetle--2 pints. Apply specified dosage per acre by air or ground equipment in sufficient water to give complete coverage, but not less than 1 gallon per acre. Repeat as necessary up to the day of harvest, but not more than 4 times per season.

ORNAMENTALS

ORNAMENTALS; NURSERY PLANTS; ~~FRUIT TREES~~ SHADE TREES: Aphids; Black Vine Weevil; Cerococcus Scale; Euonymus Scale; Juniper Scale; Lace Bugs; Leafhoppers; Mites; Olive Scale; Oystershell Scale; Pulvinaria Scale; Thrips-- $1\frac{1}{2}$ to 2 pints. Brown Soft Scale; Putnam Scale--4 pints. Black Pine Leaf Scale; European Elm Scale--3 to 4 pints. Apply specified dosage per 100 gallons of water (2teaspoonfuls per gallon). Spray all foliage surfaces, including the underside of leaves, for complete coverage. For control of Black Pine Leaf, Brown Soft, European Elm, and Putnam Scales, use 1 tablespoonful per gallon. Repeat as necessary.

ORNAMENTALS; NURSERY PLANTS; ~~FRUIT TREES~~ SHADE TREES: Cone Midge; Cone Moth--Apply 8 to 16 pints per 100 gallons of water. Time applications to coincide with moth flight when cones are open for pollination. Thorough coverage of cones is necessary for maximum control. Repeat as necessary. European Pine Shoot Moth; Nantucket Pine Tip Moth--Apply $1\frac{1}{2}$ to 3 pints per acre in sufficient water for good coverage. Time applications to coincide with moth flights. For application to individual trees, use 1 tablespoonful of Gowan Azinphos-M 2EC per gallon of water.

NOTE: Injury to Hawthorn or American Linden may occur under some conditions. Do not allow children or pets on treated area until material has been washed into soil, and treated area is dry.

~~SOUTHERN PINE SEED ORCHARDS--Concentrate, Gerdron--Use 6 pints per 100 gallons of water (0.27 dilution) as a full coverage spray*. Use 3 pints per 10 gallons of water (17 dilution) for low volume sprayers. Apply first application within 30 days following conelet closure, followed by 2 to 5 applications (at least 30 days apart). Apply approximately 5 to 10 gallons of the 0.27 dilution with high volume sprayers, or approximately 1 to 2 gallons of the 17 dilution with low volume sprayers per tree. Thorough coverage of cones is necessary for maximum control.~~

*This concentration is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of Cowan Azinphos-M 2 EC in the spray mixture in order to apply amount of Gowan Azinphos-M 2 EC per acre equivalent to a full coverage spray. Where conditions dictate an air application, apply dosage per acre equivalent to a full coverage ground spray, in not less than 1 gallon of water per acre.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The buyer must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials.