

U.S. ENVIRONMENTAL PROTECTION AGENCY OFFICE OF PESTICIDES PROGRAMS REGISTRATION DIVISION - MH 167 WASHINGTON, D.C. 20460	EPA REGISTRATION NO.	DATE OF ISSUANCE
	TERM OF ISSUANCE	
	NAME OF PESTICIDE PRODUCT	

REGISTRATION
 REREGISTRATION

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended.

NAME AND ADDRESS OF REGISTRANT (Include ZIP code)

NOTE: Changes in labeling formula differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above U.S. EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby Registered/Reregistered under the Federal Insecticide, Fungicide, and Rodenticide Act.

A copy of the labeling accepted in connection with this Registration/Reregistration is returned herewith.

Registration is in no way to be construed as an indorsement or approval of this product by this Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

ATTACHMENT IS APPLICABLE

SIGNATURE OF APPROVING OFFICIAL _____ DATE _____

GOWAN AZINPHOS-M 50 WP

Active Ingredient:	% by Wt.
O,O-Dimethyl S-((4-oxo-1,2,3-Benzotriazin-3(4H)-yl)methyl) phosphorodithioate.....	50.0%
Inert Ingredients:.....	50.0%
Total	100.0%

ACCEPTED
with COMMENTS
in EPA Label dated

KEEP OUT OF REACH OF CHILDREN

SEP 1984



DANGER-POISON



PELIGRO

SEE SIDE PANELS FOR ADDITIONAL PRECAUTIONS

EPA Reg. No. 10163-AZ-1
EPA Est. No. 10163-28

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

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED--Call a physician or Poison Control Center immediately. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Repeat until vomit fluid is clear. Do not 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. Azinphos-M 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.

Net Weight _____ Pounds

GOWAN COMPANY
Agricultural Chemicals

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

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

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS
DANGER-POISON

Poisonous if swallowed, inhaled or absorbed through skin. Do not get in eyes or on skin. Do not breathe dust or 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 feed or foodstuffs. 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.

Work Safety Rules: When loading spray tank or handling the powder at any other time, wear protective clothing, natural rubber gloves and goggles. Wear a pesticide respirator jointly approved by the Mining Enforcement and Safety Administration (formerly the U.S. Bureau of Mines) and by the National Institute for Occupational Safety and Health under the provisions of 30 CFR Part 11. Spray operator should work to windward to stay out of drift or mist.

Symptoms of Poisoning: A sense of "tightness" in the chest. Sweating. Contracted pupils. Stomach pains. Vomiting and diarrhea. TREATMENT: In case of poisoning, call a physician immediately. (See Statement of Practical Treatment section, also).

ENVIRONMENTAL HAZARDS

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

This product is highly toxic to bees exposed to direct treatment or residues on crops or blooming weeds. Do not apply this product or allow it to drift to crops or weeds when bees are actively visiting the treatment area. Time applications to provide the maximum possible interval between treatment and the next period of bee activity. Protective information may be obtained from your Cooperative Agricultural Extension Service.

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 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-M 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.

STORAGE AND DISPOSAL

STORE IN a cool, dry place below 120°F. Do not store next to herbicides. DO NOT CONTAMINATE water, food or feed by storage or disposal.

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: 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.

Open dumping is prohibited.

Directions for Use

MIXING: Gowan Azinphos-M 50 WP mixes easily with water to form a suspension which is readily usable in all conventional ground spray equipment. Mix the required amount of Gowan Azinphos-M 50 WP with a small quantity of water. Add this premix through the screen while filling the spray tank, or fill the spray tank to the required level and add the premix. Operate the agitator while mixing.

DOSEAGE: Use specified dosage of Gowan Azinphos-M 50 WP 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 Experiment Station or Extension Service 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.

Do not use on other crops used for food or forage. Use only according to label directions. Application at rates above those shown may result in illegal crop residues. Do not graze livestock in treated orchards or groves for 21 days after treatment. Do not treat food crops grown in the greenhouse.

RECOMMENDATIONS

FIELD CROPS

ALFALFA; CLOVER: Leafhoppers; Mites--1/2 to 1 lb. per acre. Alfalfa Weevil; Egyptian Alfalfa Weevil--3/4 to 1 1/2 lbs. per acre. Alfalfa Plant Bug; Fleahopper; Grasshoppers; Lygus Bugs; Spittlebug--1 to 1 1/2 lbs. per acre. Apply using a minimum of 10 gallons of water per acre. 20 to 25 gallons of water per acre (with ground equipment) may be necessary on heavy growth for control of Alfalfa Weevil or Egyptian Alfalfa Weevil. DO NOT apply within 14 days of harvest at rates from 1/2 to 3/4 lb. per acre, or within 16 days of harvest at rates of 1 lb. per acre. DO NOT apply rates above 1 lb. per acre within 21 days of harvest. DO NOT apply more than once per cutting at any rate.

BARLEY; OATS; RYE; WHEAT: Cereal Leaf Beetle--Apply 3/4 to 1 lb. per acre in sufficient water for complete coverage. DO NOT apply more than once per season. DO NOT harvest for food, feed, forage or graze within 30 days of treatment.

COTTON: Bollweevil--1/4 to 1/2 lb. per acre. Pink Bollworm--1 to 2 lbs. per acre. Brown Cotton Leafworm; Cotton Fleahopper; Cotton Leafworm; Thrips--1/2 lb. per acre. Rapid Plant Bug; Tarnished Plant Bug--1/2 to 1 lb. per acre. Apply by ground or air equipment in sufficient water for complete coverage, but not less than 5 gallons of water per acre. For early season control of Pink Bollworm, use 1 to 1 1/2 lbs., and for mid-to late-season applications, use 1 1/2 to 2 lbs. Repeat as necessary. DO NOT apply within 1 day of picking. Cotton receiving late-season applications should not be pastured.

SOYBEANS: Aphids; Bean Leaf Beetle; Green Cloverworm; Leafhoppers; Leaf Miners; Leaf Rollers; Stink Bugs; Velvet Bean Caterpillar--Apply 3/4 to 1 lb. per acre. Mexican Bean Beetle--Apply 1 to 1 1/2 lbs. per acre. Apply in sufficient water for complete coverage. Repeat as necessary. DO NOT apply within 45 days of harvest. DO NOT graze or feed treated vines to livestock.

TOBACCO: Aphids; Grasshoppers; Tobacco Hornworm; Tobacco Flea Beetle--1 to 1 1/2 lbs. per acre. Tobacco Budworm--1 1/2 lbs. per acre. Apply in sufficient water for complete coverage. Treat for Hornworms as soon as egg masses or worms are first found. Repeat as necessary. DO NOT apply within 6 days of harvest. Prime before treating.

FRUIT

APPLES; CRABAPPLES; PEARS; QUINCES: Aphids; Apple Maggot; Codling Moth; European Apple Sawfly; Eye-Spotted Bud Moth; Forbes Scale; Fruit Tree Leaf Roller; Green Fruitworm; Leafhoppers; Mealybugs; Mites; Orange Tortrix; Pear Psylla; Plum Curculio; Putnam Scale; Red-Banded Leaf Roller; San Jose Scale; Stink Bug; Tarnished Plant Bug--Apply 1/2 to 5/8 lb. 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 more than 8 times per season, or within 15 days of harvest. An alternate spray schedule may be used by making 6 applications at rates of 1/2 to 5/8 lb., followed by 2 applications at the 1/2 lb. rate, but not within 7 days of harvest. Prokil Azinphos-M 50 WP is compatible with dormant and summer oils, which may be added to APPLE and PEAR sprays in accordance with local recommendations. DO NOT use oils within 30 days of sulfur or lime-sulfur treat-

ments. FOR AERIAL APPLICATIONS: Apply 2 to 5 lbs. in a minimum of 5 gallons of water per acre for the Northwestern States, and a minimum of 10 gallons of water per acre in other areas. Apply by fixed-wing or helicopter aircraft. Where Aphids and Mites are a problem, aerial applications may not provide satisfactory control. DO NOT apply more than 5 times at the 2 lb. rate, or 3 times at rates above 2 lbs. DO NOT apply 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--1/2 to 5/8 lb. Oriental Fruit Moth; Peach Twig Borer--1/2 to 3/4 lb. NECTARINES: Thrips--1/2 to 5/8 lb. 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--1/2 to 1 lb. American Plum Borer--1 lb. Apply 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. DO NOT apply within 21 days of harvest for Apricots, Nectarines and Peaches, or within 15 days of harvest for Plums and Prunes. Apply the 3/4 lb. 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 or 3 sprays to trunk from ground to scaffold limbs, timed with moth flight. For Scale control, apply when crawlers are present. Gowan Azinphos-M 50 WP is compatible with dormant and summer oils, which may be added to Peach and Prune sprays in accordance with local recommendations. DO NOT use oils within 30 days of sulfur or lime-sulfur treatments. 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.

BLACKBERRIES; BOYSENBERRIES; LOGANBERRIES; RASPBERRIES: Leafhoppers; Leaf Rollers--1/2 lb. per acre. Leaf Miners--5/8 lb. per acre. Aphids--5/8 to 1 lb. per acre. Obscure Root Weevil--1 lb. per acre. Raspberry Crown (Root) Borer--2 to 4 lbs. per acre. Apply to foliage using 200 gallons of water for good coverage. Repeat as necessary. DO NOT apply within 14 days of harvest. For Root Weevil and Borer control prior to harvest, apply dosage to lower portion of canes and to the soil beneath the plants, using 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 2 lbs. per acre. Rates above 2 lbs. per acre should be applied only before fruit set or after crop is harvested.

BLUEBERRIES (Eastern and North Central States Only): Blueberry Maggot; Fruit-worms; Lecanium Scale; Plum Curculio--Apply 1 to 1 1/2 lbs. per acre in 200 gallons of water for good coverage. Repeat as necessary. DO NOT apply more than 4 times per season or within 3 days of harvest. If multiple late season applications of Gowan Azinphos-M 50 WP are to be made for Blueberry Maggot control, DO NOT make more than 2 spray applications of Azinphos-M 50 WP per season, with the last spray no later than June 15.

CHERRIES: Eye-Spotted Bud Moth; Forbes Scale; Fruit Flies; Fruit Tree Leaf Roller; Lesser Peach Tree Borer; Mites; Plum Curculio, San Jose Scale--1/2 to 1 lb. Cherry Leaf Miner; Mineola Moth--1/2 lb. Apply 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.

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--1/2 to 3/4 lb. California Red Scale; Texas Citrus Mite; Yellow Scale--3/4 lb. Apply 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, DO NOT apply the second spray 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 tree, such as pruning, within 7 days of treatment.

CRANBERRIES: Cranberry Fruitworm; Sparganothis sulfureana Tipworm--1 to 2 lbs. per acre. Fireworms--2 lbs. per acre. Apply in 200 gallons of water for good coverage. Repeat as necessary. DO NOT apply within 21 days of harvest.

GRAPES: Grape Berry Moth; Grape Cane Girdlers; Grape Mealybug; Leafhoppers; Mites; Red-Banded Leaf Rollers; Thrips--Apply 1/2 to 1 lb. in 100 gallons of water as a full coverage spray* using not more than 500 gallons of finished spray per acre. Repeat as necessary. DO NOT apply more than 3 times per season. Minimum dosage specified may be applied up to harvest. Rates up to 3/4 lb. require a 10 day interval to harvest; above 3/4 lb., 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--Apply 1 lb. in 200 gallons of water per acre as a full coverage spray*. Repeat as necessary. DO NOT apply within 5 days of harvest.

NUTS

ALMONDS: Peach Twig Borer--Apply 3/4 to 1 lb. 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. DO NOT apply within 60 days of harvest. Allow 30 days between applications. Navel Orangeworm; Peach Twig Borer (in California)--Apply 3 to 4 lbs. per acre by concentrate sprayer or as a full coverage spray, using not more than 400 gallons of finished spray per acre. If conditions dictate an aerial spray, apply specified dosage by aircraft in not less than 20 gallons of water per acre. Do not apply more than one dormant spray or two post-bloom sprays per season, nor within 45 days of harvest. Allow at least 120 days between the dormant and the first post-bloom spray, and at least 28 days between the post-bloom sprays.

FILBERTS (Pacific Northwest Only): Apple Mealybug; Filbert Aphid; Filbert Leaf Roller; Filbertworm--Apply 1/2 to 1 1/2 lbs. 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; Spittlebugs; Twig Girdlers; Walnut Caterpillars--Apply 3/4 to 1 1/8 lbs. 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 11 1/4 lbs. of Gowan Azinphos-M 50 WP are applied per acre in a single application, DO NOT graze livestock in treated groves. Where 11 1/4 lbs. or less of Azinphos-M 50 WP 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; Navel Orangeworm--Apply 3/4 to 1 7/8 lbs. 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 3 lbs. per acre in sufficient water for complete coverage. Repeat as necessary. DO NOT apply within 30 days of harvest. DO NOT feed or ensile treated forage.

BEANS (Dry and Snap): Leaf Rollers; Mites--1/2 to 1 lb. per acre. Aphids; Bean Leaf Beetle; Green Cloverworm; Leafhoppers; Leaf Miners; Stink Bugs; Velvet Bean Caterpillar--Apply 3/4 to 1 lb. per acre. Mexican Bean Beetle; Spotted Cucumber Beetle; Striped Cucumber Beetle; Tarnished Plant Bug; Western-Striped Cucumber Beetle--1 lb. per acre. Apply in sufficient water for complete coverage. Repeat as necessary. DO NOT apply to Snap Beans within 7 days of harvest. DO NOT apply to Dry Beans within 30 days of harvest. DO NOT exceed 4 applications on Dry Beans. DO NOT feed or ensile treated forage.

BLACKEYED PEAS (Southern Peas; Crowder Peas): Corn Earworm; Cowpea Curculio--1 1/2 to 2 lbs. per acre. Leaf Miners; Stink Bugs--3/4 to 1 lb. per acre. Apply in sufficient water for complete coverage. DO NOT apply more than 4 times per season. DO NOT apply within 7 days of harvest. DO NOT use vines for feed or forage. DO NOT pasture treated areas.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER. Aphids; Cabbage Looper; Diamondback Moth; Imported Cabbageworm--Apply 1 to 1 1/2 lbs. per acre in sufficient water for complete coverage. Repeat as necessary. DO NOT apply within 7 days of harvest for Brussels Sprouts; 15 days of harvest for Broccoli and Cauliflower; or within 21 days of harvest for Cabbage. Cabbage Maggot--Mix 1/4 to 3/8 lb. in 50 gallons of water. Apply 4 to 6 ounces of this emulsion per plant at, or immediately after, transplanting.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER (Direct-Seeded Fields in California Only): Cabbage Maggot--Apply 1 1/2 lbs. per acre in sufficient water for uniform distribution. Mix in upper 2 inches of soil prior to seeding, or spray in the seed row at planting time. Usually, 2 to 3 additional sprays are necessary during the growing season, depending on time of year and maggot population. DO NOT apply within 21 days of harvest.

BROCCOLI; BRUSSELS SPROUTS; CABBAGE; CAULIFLOWER (Transplant Fields in California Only): Cabbage Maggot--Apply 1 1/2 lbs. in 300 to 400 gallons of water per acre as a soil drench in rows when damage first appears. Additional applications may be necessary. DO NOT apply within 21 days of harvest.

CELERY: Aphids; Leaf Miners; Leafhoppers; Spittlebug; Tarnished Plant Bug--Apply 1 lb. in 100 gallons of water as a full coverage spray* using not more than 200 gallons of finished spray per acre. Repeat as necessary. DO NOT apply within 14 days of harvest.

CUCUMBERS: Spotted Cucumber Beetle; Striped Cucumber Beetle; Western-Striped Cucumber Beetle--Apply 1 lb. per acre in sufficient water for complete coverage. DO NOT apply within 1 day of harvest.

EGGPLANT: Leaf Miners--3/4 to 1 lb. per acre. European Corn Borer; Flea Beetles--1 lb. per acre. Apply in sufficient water for complete coverage. Repeat as necessary. DO NOT apply after fruit set.

ONIONS (Green and Dry): Thrips--Apply 1 to 1 1/2 lbs. per acre in sufficient water for complete coverage. DO NOT apply more than 3 times per season. DO NOT apply within 28 days of harvest on Dry Onions, or within 7 days of harvest on Green Onions.

PEPPERS: Leaf Miners--3/4 to 1 lb. per acre. European Corn Borer; Flea Beetles--1 lb. per acre. Apply in sufficient water for complete coverage. 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--3/4 lb. per acre. Banded Cucumber Beetle; Leaf Miners--3/4 to 1 lb. per acre. European Corn Borer; Flea Beetle; Leafhoppers; Spittlebug; Tarnished Plant Bug--1 to 1 1/2 lbs. per acre. Tuberworm--1 1/8 to 1 1/2 lbs. per acre. Apply in sufficient water for complete coverage. Repeat as necessary. DO NOT apply within 7 days of harvest.

SPINACH: Aphids; Leaf Miners; Mites--Apply 3/4 to 1 lb. per acre in sufficient water for complete coverage. Repeat as necessary. DO NOT apply within 14 days of harvest.

TOMATOES: Colorado Potato Beetle--3/4 lb. per acre. Banded Cucumber Beetle; Drosophila; Green Stink Bug; Leaf Miners; Whitefly--3/4 to 1 lb. per acre. Aphids; European Corn Borer; Flea Beetles; Grasshoppers; Leafhoppers; Thrips--1 to 1 1/2 lbs. per acre. Tuberworms--1 1/8 to 1 1/2 lbs. per acre. Corn Earworm; Fruitworm; Pinworm; Yellow-Striped Armyworm; Hornworm--1 1/2 to 3 lbs. per acre. Apply in sufficient water for complete coverage. 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 1 1/2 lbs. per acre or less may be applied up to day of harvest. Rates above 1 1/2 lbs. per acre require an interval of 14 days between application and harvest.

MELONS

MELONS (Honeydew Melons, Muskmelon (Cantaloupe), Watermelons, other Melons): Leafhoppers; Leaf Miners--3/4 to 1 lb. per acre. Rindworms; Spotted Cucumber Beetle; Striped Cucumber Beetle; Western-Striped Cucumber Beetle--1 lb. per acre. Apply in sufficient water for complete coverage. Repeat as necessary, up to day of harvest, but not more than 4 times per season.

ORNAMENTALS

ORNAMENTALS; NURSERY PLANTS; FOREST and SHADE TREES; Aphids; Cerococcus Scale; Euonymus Scale; Juniper Scale; Lace Bugs; Leafhoppers; Mites; Olive Scale; Oystershell Scale; Pulvinaria Scale; Thrips--3/4 to 1 lb. Brown Soft Scale; Putnam Scale--2 lbs. Black Pine Leaf Scale; European Elm Scale--1 1/2 to 2 lbs. Apply per 100 gallons of water (2 level teaspoonfuls 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 4 level teaspoonfuls per gallon. Repeat as necessary.

For Cone Midge and Cone Moth, apply 4 to 8 lbs. 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.

For European Pine Shoot Moth and Nantucket Pine Tip Moth, apply 3/4 to 1 1/2 lbs. per acre in sufficient water for good coverage. Time applications to coincide with moth flights. For application to individual trees, use 1 level teaspoonful of Gowan Azinphos-M 50 WP per gallon of water.

Do not allow children or pets on treated area until material has been washed into soil and treated area is dry.

SLASH PINE: Coneworm; Seedworm--Apply 3 lbs. per 100 gallons of water. Thorough coverage of cones is necessary for maximum control. Repeat as necessary.

* This dosage is calculated for conventional hydraulic-type sprayers. When lower volumes of spray are applied per acre with concentrate sprayers, increase the concentration of Gowan Azinphos-M 50 WP in the spray mixture in order to apply amount of Gowan Azinphos-M 50 WP per acre equivalent to a full coverage spray.

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 material.

