



AGWAY DIAZINON[®] AG500

For control of certain insects on fruits, nuts, vegetables, field crops and ornamentals.

ACTIVE INGREDIENTS:

O,O-diethyl O-(2-isopropyl-6-methylpyrimidinyl) phosphorothioate 48%
Xylene 36%

INERT INGREDIENTS:

16%
100%

Agway Diazinon[®] AG500 contains 4 lbs. Diazinon per gallon.
Diazinon[®] trademark of Ciba-Geigy Corporation

DIRECTIONS FOR USE

READ THESE ENTIRE DIRECTIONS. USE STRICTLY IN ACCORDANCE WITH LABEL CAUTIONS, WARNINGS AND DIRECTIONS.

Agway Diazinon AG500 is an emulsifiable solution which when diluted with water according to the directions below is intended for the control of insect pests of agricultural crops. Do not use in barns or dwellings. Do not use on livestock. Best control is obtained when application is made at first sign of insects. Application should be repeated as necessary to maintain control.

Unless otherwise stated, the rates listed below should be applied as a dilute full cover spray.

FRUIT CROPS

BLUEBERRIES
Cranberry Fruitworms, Cherry Fruitworms, Blueberry Maggots, Aphids, Thrips, Two-Spotted Mites. Mix 1 pt. per 100 gals. of water. Apply up to 200 gals. of spray per acre. Do not apply within 7 days of harvest.

CANEBERRIES
Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries, Leafhopper, Thrips, Aphids, Two-Spotted Mites, Raspberry Sawflies. Apply 2 pts. per acre in a minimum of 100 gals. of water. Raspberry Fruitworms: Apply when blossom buds separate and repeat application immediately before blossoms open. Do not apply within 7 days of harvest.

Raspberry Crown Borers, Raspberry Root Borers: Apply 2 qts. per acre in a minimum of 100 gals. of water as a trench to the crown area and to the lower canopy. Apply either in the spring before berries begin to form or in the fall after harvest.

CRANBERRIES
Black Headed Fireworms (Sparganothis sulfureana): Apply 2 qts. in 400 gals. of water per acre.
Cranberry Fruitworms: Apply 3 qts. in 400 gals. of water per acre. Do not apply within 7 days of harvest.

STRAWBERRIES
Aphids, Two-Spotted Spider Mites: Apply 1 pt. per 100 gals. of water per acre. Do not spray to plant crowns. Plants should be sufficiently irrigated to assure thorough coverage of the foliage. Make additional applications, if necessary, after harvest.
Mole Crickets: Broadcast 1 qt. per acre when insects are present. Apply 1 to 2 days before transplanting and mix into the top 1-2 inches of soil immediately.

Strawberry Leaf Rollers: Mix 1 pt. per 100 gals. of water. Apply 200 gals. of spray per acre when blossoms show. Do not apply within 5 days of harvest.

VEGETABLE FOLIAR INSECTS
Unless otherwise stated, foliar applications of Agway Diazinon AG500 should always be applied to vegetable crops as a spray in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water per acre for ground applications.

BEANS, POLE BEANS, SNAP BEANS, LIMA BEANS
Black Bean Aphids, Mexican Bean Beetles, Leaf Miners: Apply 1 1/2 pts. 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 Leaf Miners, Leafhoppers, Mites: Apply 1 pt. per acre. Do not apply within 7 days of 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 AND CAULIFLOWER
Aphids, Diamondback Moths, Imported Cabbageworms: Apply 1 1/2 pts. per acre. Applications of 7-10 day intervals will be required. Do not apply to Brussels sprouts within 7 days of harvest.

PEPPERS
Aphids, Flea Beetles: Apply 1 pt. in 100 gals. of water per acre. Do not apply within 10 days of harvest. Plants should be marketed free of top removal before being shipped or sold. Top removal should not be used for feed or food.

COLLARDS, KALE, SWISS CHARD, AND TURNIP TOPS
Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Borer, Corn Earworms: Apply 1 1/2 pts. per acre. Do not apply to collards, kale, or turnip tops within 10 days. Swiss Chard within 12 days of harvest.

CUCUMBERS
Aphids, Serpentine Leaf Miner: Apply 1 pt. per acre. Do not apply within 7 days of harvest.

LETTUCE AND ENDIVE
Aphids, Dipterous Leaf Miners: Apply 1 1/2 pts. per acre. Do not apply within 10 days of harvest.

MELONS AND SQUASH

Cantaloupes, Casabas, Crenshaws, Honeydew Melons, Musk-Melons, Persian Melons, and hybrids of these; Watermelons and their hybrids; Summer and Winter Squash. Aphids, Leafhoppers, Mites: Apply 1-1 1/2 pts. per acre.
Serpentine Leaf Miners, Thrips: Apply 1/2-1 pt. per acre.
Do not apply to melons and winter squash within 3 days, or to summer squash within 7 days of harvest.

MUSHROOM HOUSES

Mushroom Flies (Phorids and Sciardids): Mix 1/2-1 gal. in 50 gals. of water (0.5% to 1.0% actual Diazinon) and spray on outside and inside walls and ventilators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning.
To treat wooden sides of beds, posts, doors, and door frames after pasteurizing, mix 1/2 pt. in 6 gals. of water and apply with a brush.
Do not treat compost.

ONIONS

Onion Thrips: Apply 1 pt. per acre. Do not apply within 10 days of harvest.

PEAS

Aphids, Leaf Miners: Apply 1/2-1 pt. per acre. Peas may be picked immediately. Pea vines and pea vine hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

PEPPERS

Aphids, Serpentine Leaf Miners: Apply 1/2 pt. per acre. Do not apply within 5 days of harvest.

POTATOES

Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug, Nymphs, Mites: Apply 1/2-1 pt. per acre.
Grasshoppers: Apply 1 pt. per acre.
Following the above applications, dairy and beef cattle and sheep may be grazed immediately following application. May be fed green alfalfa or clover immediately following cutting, and may be fed hay provided alfalfa or clover is not cut for hay for 7 days following treatment.

Alfalfa Weevil Larvae or control in the spring, apply 2-3 pts. per acre when feeding damage to growing tops 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 with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

SPINACH AND BEETS

Aphids, Dipterous Leaf Miners: Apply 1/2-1 pt. per acre. Do not apply to spinach within 10 days, or to beets within 14 days of harvest.

SQUASH, Summer and Winter

See Melons and Squash Section

SWEET CORN

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

Refer also to Corn under Field and Forage Foliar Insects and Field and Forage Soil Insects.

TOMATOES

Aphid, Dipterous Leaf Miners: Apply 1/2 pt. per acre. To control leaf miners, weekly applications are usually required.
Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms: Apply 1-1 1/2 pts. per acre.
Vineyard Fleas (Dirosophila spp.): Apply 1 1/2 pts. per acre. Weekly applications are usually required.
Do not apply within 1 day of harvest.

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Agway Diazinon AG500 should always be applied to vegetable crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

CUTWORMS, Surface and Subterranean	Peppers
Roots	Snap Beans
Broccoli	Spinach
Spinach	Summer Squash
Cabbage	Swiss Chard
Cauliflower	Tomatoes
Corn	Watermelons
Cucumbers	Winter Squash

Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. Use 5 gals. of water for surface cutworms, 6 gals. for subterranean cutworms.

GARDEN SYMPHYLEANS, Centipedes:

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

Broadcast 10 qts. per acre just prior to planting. Work into soil 4-8 inches immediately. This preplant treatment will also control other soil insects such as cutworms, surface and subterranean mole crickets, root maggots, and wireworms.

ORCHARD MAGGOTS

Onions
Furrow Application: Apply 1 1/2 pts. per acre in 100 gals. of water. Do not apply to plants in furrow.

Broadcast Application: Broadcast 2-4 qts. per acre just prior to planting. Work into soil 3-4 inches immediately.

ROOT MAGGOTS

Broccoli, Brussels Sprouts, Cabbage, and Cauliflower
Broadcast Application: Broadcast 2-3 qts. per acre and immediately work into the soil 3-4 inches, before seeding, either in the seedbed or in the field, or before transplanting. Transplant Water (Drench) Application: Mix 1/2-1 pt. in 50 gals. of transplant water, when 200-300 gals. of water are used per acre. May be applied at the rate of 1/2-1 cupful per plant, either by hand or by tractor-mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Transplant water treatments may result in stand reduction due to plant stress at time of transplanting.
Radishes: Mix 1 qt. in 50 gals. of water. Apply 80-100 gals. per acre (1-1 1/2 gals. per 1,000 linear feet of row) in the seed furrow at planting time.

POTATOES

Wireworms: Broadcast 3-6 qts. per acre prior to planting. Immediately disk or harrow into soil 4-8 inches.

FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Agway Diazinon AG500 should always be applied to field and forage crops as a spray in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water per acre for ground applications.

ALFALFA AND CLOVER

Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug, Nymphs, Mites: Apply 1/2-1 pt. per acre.
Grasshoppers: Apply 1 pt. per acre.
Following the above applications, dairy and beef cattle and sheep may be grazed immediately following application. May be fed green alfalfa or clover immediately following cutting, and may be fed hay provided alfalfa or clover is not cut for hay for 7 days following treatment.

Alfalfa Weevil Larvae or control in the spring, apply 2-3 pts. per acre when feeding damage to growing tops 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 with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

CORN

Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications.

Corn Rootworm Adults: Apply 1 1/2 pts. per acre.
Corn Leaf Aphids: Apply 1 1/2 pts. per acre. Complete coverage of the upper portions of the plants is essential. Repeat applications, if necessary.
Saw Beetles: Apply 2-2 1/2 pts. per acre. Add 12 gals. of soluble material per acre to the spray mixture. Consult State Agricultural Experiment Stations or State Extension Service Specialists for proper timing of spray.
Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

TABACCO

Aphids, Flea Beetles: Apply 1 1/2 pts. per acre. Do not apply within 30 days of harvest.
Grasshoppers: Apply 1 pt. per acre. Do not apply within 14 days of harvest.

FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of Agway Diazinon AG500 should always be applied to field and forage crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

CORN
Corn Earworms: Broadcast 2-4 qts. per acre just prior to planting. Work into soil immediately. Use 5 gals. of water for surface cutworms, 6 gals. for subterranean cutworms.
Cutworms, Surface and Subterranean: Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. Use 5 gals. of water for surface cutworms, 6 gals. for subterranean cutworms.
Grasshoppers: Apply 1 pt. per acre. Do not apply within 14 days of harvest.
Wireworms: Apply 3-6 qts. per acre prior to planting and work into soil 4-8 inches immediately.
Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

SQUASH

Cutworms, Surface and Subterranean: Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. Use 5 gals. of water for surface cutworms, 6 gals. for subterranean cutworms.

STRAWBERRIES

Cutworms, Surface and Subterranean: Broadcast 2-4 qts. per acre just prior to planting. Work into the soil immediately. Use 5 gals. of water for surface cutworms, 6 gals. for subterranean cutworms.

TOMATOES

Cutworms: Broadcast 2-4 qts. per acre before transplanting and work into soil 3-4 inches immediately.
Green June Beetle Larvae: Mix 1 1/2 pts. in 50 gals. of water and apply as a trench, 100 gals. per 100 sq. ft. to be planted area. Do not plant before 10 days after planting. Mole Crickets: Broadcast 1 qt. per acre when insects are present. Mix application in bed or furrow 10 days prior to planting. Do not apply to transplants. Do not work into soil 10-12 inches deep.

Seed-Corn Maggots: Broadcast 3 pts. per acre, into soil 2 inches immediately.
Wireworms: Broadcast 2-3 qts. per acre, 3-4 weeks before planting, into soil 6-9 inches immediately.

ORNAMENTAL INSECT CONTROL

To control certain insects on Arborvitae, Azalea, Chrysanthemum, Douglas Fir, Elm, Gladiolus, Hawthorn, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spirea, etc.

INSECTS: 1 pt. in 100 gals. of water. Aphids, Bag Shot Mites, Clover Mites, Cyclamen Mites, Dipterous Moths, European Red Mites, Flea Beetles, Holy I Weevils, Omnivorous Leaf Tiers, Privet Mites, Scal Pine Needle, San Jose, Soft Scale, Thrips, Two-Spotted Mites, Fall Webworms, Hemlock Cherries, Oak Looper, Tent Caterpillars.

Do not use on certain Ferns, Poinsettia, Hibiscus, etc. Injury to the plants may occur.
Mimosid Webworms: Mix 1 1/2 fl. oz. in 3 gals. of water. Apply as a thorough foliar spray when adults first appear. Repeat application at 4-5 week intervals.

LAWN INSECT CONTROL

To control insects listed below, apply recommended rates to lawn areas. Repeat application if necessary.
Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Springtails, which are commonly found near the house, a 5 ft. band of soil around the house, as well as a 2-3 ft. band of soil around the house, as well as a 2-3 ft. band of soil around the house, as well as a 2-3 ft. band of soil around the house.

BILLBUGS AND WHITE GRUBS, SUCH AS JAPANESE BEETLE, EUROPEAN CHAFER AND SOUTHERN CHAFER
Apply 4 fl. oz. 1000 sq. ft. of lawn. Water grass control make application any time between late July and early August. Apply when activity is first observed or when chafing damage from this insect.

HYPERODES WEEVIL (NEW YORK ONLY)
Apply 3 fl. oz. per 1000 sq. ft. of grass. Water grass control make application any time between late July and early August. Apply when activity is first observed or when chafing damage from this insect.

WARNING: KEEP OUT OF REACH OF CHILDREN

WARNING: May be fatal if swallowed. May be a skin irritant. Do not get in eyes, on skin, or on clothing. Avoid contamination of food. Do not use on household animals until spray has completely dried. Keep out of reach of domestic animals. Do not permit livestock to graze in treated areas.

This product is toxic to fish, shrimp, crab, bird, and aquatic life. Do not apply in or near water. Do not apply where these are important resource areas. Do not apply when weather conditions are unfavorable. Do not contaminate water by cleaning of equipment or disposal of spray mixture.

This product should not be used on crops expected to be marketed. Do not apply to crops expected to be marketed.

Do not reuse empty container. Dispose of by burying in soil.

WARRANTY: Seller warrants that the product conforms to the specifications stated on the label and under normal conditions of use, but neither the seller nor the manufacturer is responsible for any particular purpose of this product contrary to label instructions. Conditions not reasonably foreseeable to seller. Any damages arising from a breach of the warranty shall not be the responsibility of the manufacturer.

NOTE: This pesticide is to be sold ONLY in this State.
EPA Reg. No. 854-113

AGWAY INC., FERTILIZER-BOX 1333, SYRACUSE, NE

NET CONTENTS FIVE GALLONS

AGWAY DIAZINON® AG500

For control of certain insects on fruits, nuts, vegetables, field crops and ornamentals.

MELONS AND SQUASH

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

MUSHROOM HOUSES

Mushroom Flies (Phorids and Sciariids): Mix ½-1 gal. in 50 gals. of water (0.5% to 1.0% actual Diazinon) and spray on outside and inside walls and ventilators of mushroom houses, after compost in beds has been pasteurized by heating. Do not spray compost in beds or after spawning. To treat wooden sides of beds, posts, doors, and door frames after pasteurizing, mix ½ pt. in 6 gals. of water and apply with a brush. Do not treat compost.

ONIONS

Onion Thrips: Apply 1 pt. per acre. Do not apply within 10 days of harvest.

PEAS

Aphids, Leaf Miners: Apply ¾-1 pt. per acre. Peas may be picked immediately. Pea vines and pea vine hay may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

PEPPERS

Aphids, Serpentine Leaf Miners: Apply ½ pt. per acre. Do not apply within 5 days of harvest.

POTATOES

Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners: Apply at the rate of 1-1½ pt. per acre. Banded Cucumber Beetles, Leafhoppers, Southern Armyworms: Apply ¾-1 pt. per acre. Do not apply within 35 days of harvest.

RADISHES, PARSNIPS, AND TURNIPS

Aphids, Flea Beetles, Dipterous Leaf Miners: Apply ½-1 pt. per acre. Do not apply within 10 days of harvest.

SPINACH AND BEETS

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

SQUASH - Summer and Winter:

See Melons and Squash Section.

SWEET CORN

Corn Earworms: Apply 1-1½ qts. per acre when silks first appear. Two or three repeat applications at 2-3 day intervals will usually be necessary. Corn may be picked immediately following last application. Corn forage may be fed to dairy and beef cattle and sheep.

Refer also to Corn under Field and Forage Foliar Insects and Field and Forage Soil Insects.

TOMATOES

Aphids, Dipterous Leaf Miners: Apply ½ pt. per acre. To control leaf miners weekly applications are usually required. Banded Cucumber Beetles, Fall Armyworms, Southern Armyworms: Apply ¾-1 pt. per acre. Vinegar Flies (Drosophila spp.): Apply 1-1½ pts. per acre. Weekly applications are usually required. Do not apply within 1 day of harvest.

VEGETABLE SOIL INSECTS

Unless otherwise stated, soil applications of Agway Diazinon AG500 should always be applied to vegetable crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

CUTWORMS - Surface and Subterranean

Broccoli	Endive	Watercress
Brussels	Kale	Snap Beans
Sprouts	Lettuce	Spinach
Cabbage	Lima Beans	Summer Squash
Cantaloupes	Muskmelons	Sweet Corn
Cauliflower	Parsley	Swiss Chard
Celery	Peas	Tomatoes
Chillards	Peppers	Watermelons
Cucumbers		Winter Squash

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

GARDEN SYMPHYTANS - Centipedes

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

Broadcast 10 qts. per acre just prior to planting. Work into soil 4-8 inches immediately. This preplant treatment will also control other soil insects such as cutworms, surface and subterranean centipedes, root maggots, and wireworms.

ONION MAGGOTS

Onions

Flood Application: Apply 1 pt. per acre in sufficient water to flood the soil 1 foot deep.

Broadcast Application: Broadcast 2-4 qts. per acre just prior to planting. Work into soil 3-4 inches immediately.

ROOT MAGGOTS

Broccoli, Brussels Sprouts, Cabbage, and Cauliflower.

Broadcast Application: Broadcast 2-3 qts. per acre and immediately work into the soil 3-4 inches, before seeding, either in the seedbed or in the field, or before transplanting. Transplant Water (Drench) Application: Mix ¼-½ pt. in 50 gals. of transplant water, when 200-300 gals. of water are used per acre. May be applied at the rate of 1-1½ cupful per plant, either by hand or by tractor-mounted sprayer equipped with drop nozzles to direct spray to the base of the plant. Transplant water treatments may result in stand reduction due to plant stress at time of transplanting. Radishes: Mix 1 qt. in 50 gals. of water. Apply 80-100 gals. per acre (1-1½ gals. per 1,000 linear feet of row) in the seed furrow at planting time.

POTATOES

Wireworms: Broadcast 3-6 qts. per acre prior to planting. Immediately disk or harrow into soil 4-8 inches.

FIELD AND FORAGE FOLIAR INSECTS

Unless otherwise stated, foliar applications of Agway Diazinon AG500 should always be applied to field and forage crops as a spray in a minimum of 2 gals. of water per acre for aerial applications and a minimum of 10 gals. of water per acre for ground applications.

ALFALFA AND CLOVER

Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymphs, Mites: Apply ¾-1 pt. per acre. Grasshoppers: Apply 1 pt. per acre.

Following the above applications, 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 pts. 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 with either air or ground equipment. Do not treat during bloom to avoid injury to pollinating insects.

CORN

Use a minimum of 1 gal. of water for aerial applications and 5 gals. of water for ground applications.

Corn Rootworm Adults: Apply ½-1 pt. per acre.

Corn Leaf Aphids: Apply 1-2 pts. per acre. Complete coverage of the upper portions of the plants is essential. Repeat applications as necessary.

Sap Beetles: Apply 2-2½ pts. per acre. Add 1-2 gals. of soluble mineral oil per acre to the spray mixture. Consult State Agricultural Experiment Stations or State Extension Service Specialists 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.

TOBACCO

Aphids, Flea Beetles: Apply 1-1½ pt. per acre. Do not apply within 4 days of harvest. Grasshoppers: Apply 1 pt. per acre. Do not apply within 14 days of harvest.

FIELD AND FORAGE SOIL INSECTS

Unless otherwise stated, soil applications of Agway Diazinon AG500 should always be applied to field and forage crops as a spray in a minimum of 5 gals. of water per acre for ground applications.

CORN

Seed-Corn Maggots: Broadcast 2-4 qts. per acre just prior to planting. Work into soil 2 inches immediately.

Cutworms - Surface and Subterranean: Broadcast 2-4 qts. per acre. For surface cutworms, apply just prior to planting or when larvae first appear and work into soil 1-2 inches immediately. Do not apply later than 1 day before planting. For subterranean cutworms, apply just prior to planting and work into soil 3-6 inches immediately.

Wireworms: Apply 3-4 qts. per acre prior to planting and work into the soil 4-8 inches immediately.

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

SORGHUM

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

SOYBEANS

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

TOBACCO

Cutworms: Broadcast 2-4 qts. per acre before transplanting and work into the soil 2-4 inches immediately.

Green June Beetle Larvae: Mix 1 pt. in 50 gals. of water and apply as a drench, 100 gals. per 100 sq. yds. to unseeded areas of plant beds with sprinkling can. Mole Crickets: Broadcast 1 qt. per acre when insects are present. Make application to beds or field 1-2 days prior to laying out seed for transplanting, and work into soil 1-2 inches immediately.

Seed-Corn Maggots: Broadcast 3 pts. per acre, 3-4 weeks before transplanting. Work into soil 2 inches immediately.

Wireworms: Broadcast 2-3 qts. per acre, 3-4 weeks before transplanting. Work into soil 6-9 inches immediately.

ORNAMENTAL INSECT CONTROL

To control certain insects on Arborvitae, Azalea, Birch, Boxwood, Camellia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorn, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow.

INSECTS: 1 pt. in 100 gals. of water. Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Pine Shoot Moths, European Red Mites, Flea Beetles, Holy Bud Moths, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-Cushion, Lecanium, Pine Needle, San Jose, Soft Scale), Thrips, Two-Spotted Mites, Webworms, and Whiteflies. Apply 3 pts. in 100 gals. of water; Apple-and-Thorn Skeletonizers, Cottonaster Webworms, Fall Webworms, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars.

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

Mimosa Webworms: Mix ½ fl. oz. in 3 gals. of water for 1 pt. in 100 gals. of water.

Apply as a thorough foliar spray when adults first appear. Make a second and a third application at 4-5 week intervals.

LAWN INSECT CONTROL

To control insects listed below, apply recommended rates. For control of Ants, Brown Dog Ticks, Clover Mites, Crickets, Earwigs, Fleas, Millipedes, Sowbugs, and Collembola (Springtails), 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.

BILLBUGS AND WHITE GRUBS, SUCH AS JAPANESE BEETLE LARVAE

EUROPEAN CHAFER AND SOUTHERN CHAFER

Apply 4 fl. oz. 1000 sq. ft. of lawn. Water grass thoroughly after application. For grub control make application any time between late July and early October. For billbug control apply when activity is first observed or when chewed or brown grass is present, indicating damage from this insect.

HYPERODES WEEVIL (NEW YORK ONLY)

Apply 3 fl. oz. per 1000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

WARNING:

KEEP OUT OF REACH OF CHILDREN

WARNING: May be fatal if swallowed. May be absorbed through skin. Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after handling. Avoid contamination of food. Do not use on humans or permit children to go on to sprayed grass until spray has completely dried.

Keep out of reach of domestic animals. Do not contaminate feed or use on household pets or livestock. Do not permit pets to go on to sprayed grass until spray has completely dried.

This product is toxic to fish, shrimp, crab, birds and other wildlife. Birds feeding in treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Shrimp and crab may be killed at application rates recommended on the label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. 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.

Do not reuse empty container. Destroy it by burying with wastes or by burning. Stay away from smoke.

WARRANTY: Seller warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits, etc.

NOTE: This pesticide is to be sold ONLY in this original unbroken package.

EPA Reg. No. R590-456

EPA Est. No. R590-PA 1

**AGWAY INC., FERTILIZER-CHEMICAL DIVISION,
BOX 1333, SYRACUSE, NEW YORK 13201**

NET CONTENTS FIVE GALLONS