

D.I.M.P. 4 EC INSECTICIDE

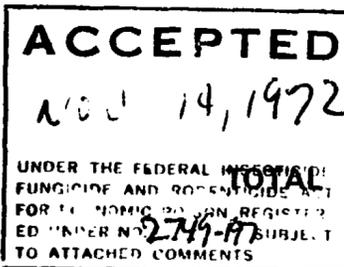
For control of insects on fruits, nuts, vegetables, field crops and ornamentals.

ACTIVE INGREDIENTS:

D.I.M.P. [O, O-Diethyl O-(2-isopropyl-4-methyl-6-pyrimidinyl) phosphorothioate*] 48%

Xylene 36%

INERT INGREDIENTS:



48%

36%

16%

100%

*Contains 4 lbs. Active per gallon

NET CONTENTS _____

EPA REG. NO. 2749-197

WARNING: KEEP OUT OF REACH OF CHILDREN.

MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH THE SKIN. DO NOT BREATHE SPRAY MIST. DO NOT GET IN EYES, ON SKIN, OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. AVOID CONTAMINATION OF FOOD AND FEED. KEEP OUT OF REACH OF DOMESTIC ANIMALS. DO NOT USE ON HUMANS, HOUSEHOLD PETS, OR LIVESTOCK. DO NOT PERMIT CHILDREN OR PETS TO GO ONTO SPRAYED GRASS UNTIL SPRAY HAS COMPLETELY DRIED.

THIS PRODUCT IS TOXIC TO FISH AND WILDLIFE. BIRDS FEEDING ON TREATED AREAS MAY BE KILLED. KEEP OUT OF LAKES, STREAMS OR PONDS. 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 PERFORATING OR CRUSHING. BURY OR DISCARD IN A SAFE PLACE.

MINIMUM FLASH POINT: 82° F.

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME.

GENERAL INFORMATION:

DIMP 4EC 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.

In the directions for use given below, unless otherwise noted, DIMP 4EC should be mixed with sufficient water to assure thorough coverage. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control.

DIRECTIONS FOR USE:

FRUIT AND NUT CROPS:

Raspberry Fruitworm: Apply at the above rates when blossom buds separate and repeat application immediately before blossoms open.

Dryberry Mites: Mix 2 pts. 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.

Do not apply within 7 days of harvest.

Raspberry Crown Borers (Raspberry Root Borers): Mix 2 qts. per 100 to 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.

CHERRIES - Eye spotted Bud Moths, Fruit tree Leaf Rollers: Mix 1 pt. per 100 gals. of water. Apply in cover sprays as necessary, beginning with petal fall.

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

Cherry Fruit Flies: Mix 1/2 - 1 pint per 100 gals. of water. Make 3 or 4 applications, beginning when adult cherry fruit flies begin to emerge and repeat at 10-day intervals.

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

San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply during the pre-pink stage or when crawlers first appear.

DO NOT APPLY WITHIN 10 days of harvest.

Cherry Rust Mites: Mix 1/2 - 1 pt. per 100 gals. of water. Apply as a supplemental spray after harvest. CITRUS FRUITS, I.E., GRAPEFRUIT, LEMONS, LIMES, ORANGES, TANGELOS, TANGERINES, CITRUS CITRUS, KUMQUATS, AND hybrids of these:

Citrus Aphids, Fruit-tree Leaf Rollers, Cotton-cushion Scale Crawlers, and Soft Scale Crawlers: Apply 1/2-1 pt. per 100 gals. of water (maximum 1,000 gals. per acre) as a thorough cover spray when aphids and crawler stages of scale insects first appear.

Fruit-tree Leaf Rollers: Use 1/2 - 1 pt. per 100 gals. of spray (maximum 1,000 gals. per acre) when an average of 50% of eggs in egg masses have hatched in the spring.

Citrus Thrips: Apply 1 pt. in 100 gals. of water (maximum 1,000 gals. per acre) when thrips first appear.

Citrus Snow Scales: Apply 1-2 pts. per 100 gals. of water (maximum 1000 gals. per acre) as a post-bloom 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.

CRANBERRIES:

Black-headed Fireworms (Sparganx sulfureana): Apply 2 qts. in 400 gals. of water per acre.

Cranberry fruitworms: Apply 3 qts. in 400 gals. for each acre. Do not apply within 7 days of harvest.

FIGS:

Vinegar Flies (Drosophila spp.) Dried Fruit Beetles: Apply 1 pt. per 100 gals. of water. Do not apply within 5 days of harvest.

FILBERTS:

Filbert Leaf-Rollers, Aphids: Apply 1-2 qts. in 250-400 gals. of water per acre, as a thorough cover spray.

OLIVES:

Olive Scales: Mix 3/4-1 pt. of DIMP 4EC plus 1 1/2 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

GRAPES:

Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Folders: Mix 1 pt. per 100 gals. of water and apply as a thorough cover spray, or apply 2 pts. per acre in sufficient water for thorough coverage. Do not apply within 10 days of harvest.

Drosophila spp.: Mix 6 fl. oz. per 100 gals. of water and apply as a thorough cover spray, or apply a maximum of 18 fl. 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

PEACHES & NECTARINES

Aphids, Brown Mites (Clover Mites), Two spotted Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear

Olive Scale Crawlers: Mix 1/2 pt. of DIMP 4EC plus 1 1/2 gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present

Oriental Fruit Moths: Mix 1 pt. 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 Borers: Mix 1 pt. per 100 gals. of water and apply to peaches in May and June

Leafhoppers (Peaches only): Apply 1 pint 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 post harvest spray apply 1 1/2 - 2 pints 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

PECANS

Strawberry Leaf Rollers: Mix 3/4 - 1 pt. per 100 gals. of water. Apply 200 gals. of spray per acre when blossoms show color.

DO NOT APPLY WITHIN 5 DAYS OF HARVEST

WALNUTS:

Aphids, Mites: Apply 1 qt. per acre as a foliage spray.

Codling Moths, Scale Crawlers, Walnut Caterpillars: Apply 3 qts. per acre as a foliage spray.

DO NOT APPLY AFTER THE HUSKS OPEN.

VEGETABLE FOLIAR INSECTS:

DIMP 4EC 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 Aphids, Mexican Bean Beetles, Leaf Miners: Apply 1 1/2 pts. per acre.

Cucumber Beetles: Apply 3/4 pt. 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 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 1/2 - 1 pt. 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 Moths, Imported Cabbageworms: Apply 1 pt. per acre. Generally applications at 7-10 day intervals will be required. DO NOT APPLY to brussels sprouts within 7 days of harvest.

CARROTS:

Aphids: Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest

CELERY:

Aphids, Flea Beetles: Apply 1 pt. in 100 gals. of water per acre. 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

COLLARS, KALE, SWISS CHARD, AND TURNIP TOPS

Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn Earworms: Apply 1/2 - 1 pt. 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, Leaf Miners, Thrips: Apply 1 pt. per acre. DO NOT APPLY within 7 days of harvest

LETTUCE AND ENDIVE

Aphids, Dipterous Leaf Miners: Apply 1/2 - 1 pt. per acre. DO NOT APPLY within 10 days of harvest

MELONS & SQUASH - CANTALOUPE, CASABAS, CRENSHAW, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS AND hybrids of these, WATERMELONS and their hybrids, SUMMER AND WINTER SQUASH

Aphids, Leafhoppers, Mites: Apply 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

ONIONS

Onion Thrips: Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest

PEPPERS

Aphids, Serpentine Leaf Miners: Apply 1/2 pt. per acre. DO NOT APPLY within 5 days of harvest

MUSHROOM HOUSES

Mushroom Flies (Phorids and Sciards): Mix 1/2 - 1 gal. in 50 gals. of water (0.5% to 1.0% in actual DIMP 4EC) 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.

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MINIMUM FLASH POINT: 82° F.

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GENERAL INFORMATION:

DIMP 4EC 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.

In the directions for use given below, unless otherwise noted, DIMP 4EC should be mixed with sufficient water to assure thorough coverage. Best control is obtained when application is made at first sign of insects. Applications should be repeated as necessary to maintain control.

DIRECTIONS FOR USE:

FRUIT AND NUT CROPS:

ALMONDS - Mites, twig borers: Apply 1-1½ pts. per 100 gals. of water.

Pariatoria scales, San Jose scales: Mix 1-1½ pts. DIMP 4EC plus 2-3 gals. dormant oil per 100 gals. of water and apply as a dormant spray.

Almond hulls may be used for feed for livestock.

APRICOTS - Aphids, Brown Mites (Clover Mites), Two-spotted spider mites, Olive scale crawlers, San Jose Scale crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, Mites and scale crawlers first appear.

Olive Scale Crawlers: Mix 1/2 pt. of DIMP 4EC plus 1½ gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Apricot Mealybugs: Mix 1 pt. 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, 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 in sufficient water for thorough coverage. Do not apply within 7 days of harvest.

CANEBERRIES, I.E., BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES - Leafhoppers, Thrips, Two-spotted Mites, Raspberry Sawflies: Mix 1 pt. per 100 gals. of water and apply up to 200 gals. of spray per acre, or apply 2 pts. per acre in sufficient water for thorough coverage.

CITRUS - Snow Scales: Apply 1-2 pts. per 100 gals. of water (maximum 1000 gals. per acre) as a post bloom 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.

CRANBERRIES:

Black-headed Fireworms (Sparganus sulfureana) Apply 2 qts. in 400 gals. of water per acre.

Cranberry fruitworms: Apply 3 qts. in 400 gals. for each acre. Do not apply within 7 days of harvest.

FIGS:

Vinegar Flies (Drosophila spp.) Dried Fruit Beetles: Apply 1 pt. per 100 gals. of water. Do not apply within 5 days of harvest.

FILBERTS:

Filbert Leaf-Rollers, Aphids: Apply 1-2 qts. in 250-400 gals. of water per acre as a thorough spray.

OLIVES:

Olive Scales: Mix 3/4 pt. of DIMP 4EC plus 1½ gals. of light medium 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 70 days of harvest.

GRAPES:

Pacific Spider Mites, Leafhoppers, Grape Berry Moths, Grape Leaf Folders: Mix 1 pt. per 100 gals. of water and apply as a thorough cover spray, or apply 2 pts. per acre in sufficient water for thorough coverage. Do not apply within 10 days of harvest.

Drosophila spp.: Mix 6 fl. oz. per 100 gals. of water and apply as a thorough cover spray, or apply a maximum of 18 fl. 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.

PEACHES & NECTARINES:

Aphids, Brown Mites (Clover Mites), Two-spotted Mites, Olive Scale Crawlers, San Jose Scale Crawlers: Mix 1 pt. per 100 gals. of water. Apply when aphids, mites, and scale crawlers first appear.

Olive Scale Crawlers: Mix 1/2 pt. of DIMP 4EC plus 1½ gals. light medium horticultural oil per 100 gals. of water. Apply when scale crawlers are present.

Oriental Fruit Moths: Mix 1 pt. 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 Borers: Mix 1 pt. per 100 gals. of water and apply to peaches in May and June.

Leafhoppers (Peaches only): Apply 1 pint 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 post harvest spray apply 1½-2 pints 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.

PECANS:

Aphids, Mites, Pecan Nut Casebearers, Walnut Caterpillars: Apply 1-3 qts. per acre as a foliage spray. Do not apply after husks crack.

PINEAPPLE:

Scales: Apply 5 qts. of DIMP 4EC plus 2 gals. of light or medium horticultural oil in 500 gals. of water per acre to the vegetative slips on the plants following harvest of pineapples.

Mealybugs: Apply 2 qts. per acre. May be applied on the day of harvest. Pineapple forage and refuse may be fed to livestock 7 days following last application.

PLUMS AND PRUNES:

Brown Mites (Clover Mites), European Red Mites: Apply 1 pt. per 100 gals. of water.

Leaf Curl Plum Aphids, Mealy Plum Aphids, Thistle Aphids: Apply 1/2-1 pt. per 100 gals. of water.

DO NOT APPLY WITHIN 10 DAYS OF HARVEST.

STRAWBERRIES:

Aphids, Two-spotted Spider Mites: Apply 1 pt. per 100 gals. of water per acre.

Cyclamen Mites: Apply 1 qt. per 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.

Aphids, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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.

CAULIFLOWERS:

Aphids, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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.

CUCUMBERS:

Aphids, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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.

EGGS:

Aphids, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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.

ELDERBERRIES:

Aphids, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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.

GRAPES:

Aphids, Drosophila spp., Mites, Imported Cabbageworms: Apply 1/2-1 pt. 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.

LETTUCE AND ENDIVE:

Aphids, Dipterous Leaf Miners: Apply 1/2-1 pt. per acre. DO NOT APPLY within 10 days of harvest.

MELONS & SQUASH, CANTALOUPES, CASABAS, GREENSHAWS, HONEYDEW MELONS, MUSKMELONS, 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 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.

ONIONS:

Onion Thrips: Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

PEPPERS:

Aphids, Serpentine Leaf Miners: Apply 1/2 pt. per acre. DO NOT APPLY within 5 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% in actual DIMP 4EC) 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.

PEAS:

Aphids, Leaf Miners: Apply 3/4-1 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.

POTATOES:

Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners: Apply at the rate of 1/2-3/4 pt. per acre.

Banded Cucumber Beetles, Leafhoppers, Southern Army worms: Apply 3/4-1 pt. per acre.

DO NOT APPLY within 35 days of harvest.

BADISHES, PARSNIPS and TURNIPS:

Aphids, Flea Beetles, Dipterous Leaf Miners: Apply 1/2-1 pt. per acre. DO NOT APPLY within 10 days of harvest.

SPINACH and BEETS:

Aphids, Dipterous Leaf Miners: Apply 1/2-1 pt. per acre. DO NOT APPLY to spinach within 14 days, or to beets within 14 days of harvest.

SQUASH (Summer and Winter) SEE MELONS & SQUASH ABOVE:

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.

NOTE: Refer also to Corn under Field and Forage Insects.



Manufactured for:
ACETO CHEMICAL CO., INC.
AGRICULTURAL CHEMICALS DIV.

126-02 NORTHERN BOULEVARD, FLUSHING, N.Y. 11368

and repeat application
 Strawberry Leaf Rollers. Mix 1-4 1 pt. per 100 gals. of water. Apply 200 gals. of spray per acre when blossoms show color.

DO NOT APPLY WITHIN 5 DAYS OF HARVEST

WALNUTS

Aphids, Mites. Apply 1 qt. per acre as a foliage spray.

Codling Moths, Scale Crawlers, Walnut Caterpillars. Apply 1 qt. per acre as a foliage spray.

DO NOT APPLY AFTER THE HUSKS OPEN

VEGETABLE FOLIAR INSECTS

DIMP 4EC 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 Aphids, Mexican Bean Beetles, Leaf Miners. Apply 1 1/2 pts. per acre.

Cucumber Beetles. Apply 3/4 pt. 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 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 1/2 - 1 pt. 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 Moths, Imported Cabbageworms. Apply 1 pt. per acre. Generally applications at 7-10 day intervals will be required. DO NOT APPLY to brussels sprouts within 7 days of harvest.

CARROTS

Aphids. Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

CELERY

Aphids, Flea Beetles. Apply 1 pt. in 100 gals. of water per acre. 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.

COLLARS, KALE, SWISS CHARD, AND TURNIP TOPS

Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn Earworms. Apply 1/2 - 1 pt. 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, Leaf Miners, Thrips. Apply 1 pt. per acre. DO NOT APPLY within 7 days of harvest.

LETTUCE AND ENDIVE

Aphids, Dipterous Leaf Miners. Apply 1/2 - 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

MELONS & SQUASH - CANTALOUPE, CASABAS, CRENSHAW, HONEYDEW MELONS, MUSKMELONS, PERSIAN MELONS AND hybrids of these, WATERMELONS and their hybrids, SUMMER AND WINTER SQUASH

Aphids, Leafhoppers, Mites. Apply 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.

ONIONS

Onion Thrips. Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

PEPPERS

Aphids, Serpentine Leaf Miners. Apply 1/2 pt. per acre. DO NOT APPLY within 5 days of harvest.

MUSHROOM HOUSES

Mushroom Flies (Phorids and Sciards) Mix 1/2 - 1 gal. in 50 gals. of water (0.5% to 1.0% in actual DIMP 4EC) 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.

TOMATOES

Aphids, 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 3/4 - 1 pt. per acre.

Vinegar Flies (Drosophila spp.) Apply 1/2 - 1 1/2 pt. per acre. Weekly applications are usually required.

DO NOT APPLY within 1 day of harvest.

WATERCRESS (Hawaii Only)

Cyclamen Mites. Mix 1 pt. per 100 gals. of water and apply to one acre as a thorough cover spray. Spray should be directed into the crowns and growing tips of plants. If infestation is heavy, make a second application no later than 10 days after the first application. Repeat applications as necessary. DO NOT APPLY within 5 days of harvest.

VEGETABLE SOIL INSECTS:

DIMP 4EC should always be applied as a spray in sufficient water to assure thorough coverage of the soil.

CUTWORMS (Surface and Subterranean)

- | | |
|-------------------|---------------|
| Broccoli | Muskmelons |
| Brussel Sprouts | Parsley |
| Cabbage | Peas |
| Cantaloupes | Peppers |
| Cauliflower | Potatoes |
| Celery | Snap Beans |
| Collards | Spinach |
| Cucumbers | Summer Squash |
| Endive (Escarole) | Swiss Chard |
| Kale | Tomatoes |
| Lettuce | Watermelons |
| Lima Beans | Winter Squash |

Sweet Corn

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 SYMPHYLANS (Centipedes)

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

Pole Beans

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.

MOLE CRICKETS:

- | | |
|-------------------|----------|
| Broccoli | Kale |
| Brussel Sprouts | Lettuce |
| Cabbage | Mustard |
| Cauliflower | Peppers |
| Collards | Radishes |
| Endive (Escarole) | Tomatoes |

Turnips

Broadcast 1 qt. per acre when insects are present. Make application to plant beds or fields 12 days prior to sowing of seed or transplanting, and work into soil 1-2" immediately.

ONION MAGGOTS:

ONIONS:

Furrow Application. Apply 1 qt. per acre in sufficient water to drench the seed furrow at planting time.

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 & 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 1/4 - 1/2 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 1/3 gals. per 1000 linear feet of row) in the seed furrow at planting time.

WIREWORMS

- | | | |
|----------|-----------|---------|
| Broccoli | Cucumbers | Peppers |
|----------|-----------|---------|

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, 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 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.

CLOVER:

Striped Ground Crickets. Broadcast 1.2 pts. per acre following seeding in the fall but prior to clover emergence.

CORN:

CORN ROOTWORM LARVAE: Band application at Planting Time - Apply 1-2 qts. per acre in a minimum of 5 gals. of water. Make application in the seed furrow, or apply 2 1/2 - 5 ozs. per 1,000 linear feet of corn row in a 4-7 inch band directly behind the planter shoe. For band treatment, refer to the row spacing chart for amounts recommended per acre.

Post-emergence Basal Treatment: Apply 1 1/2 - 2 oz. per 1,000 linear feet of corn row in sufficient water to thoroughly wet base of corn plant and narrow band of soil next to the plant. Refer to the row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk tiller or cultivator immediately after spraying. Application should be made at the first sign of corn rootworm larvae, but not later than June 24th in the middle Corn Belt or July 1st in the northern Corn Belt.

ROW SPACING	LINEAR FEET OF CORN ROW/ ACRE	AMOUNT OF DIMP 4EC PER ACRE	
		PLANTING TIME APPLICATION	POST-EMERGENCE BASAL TREATMENT
48"	10,890	28 - 56 ozs.	14 - 28 ozs.
42"	12,455	31 - 62 ozs.	15.5 - 31 ozs.
40"	13,068	32 - 64 ozs. (1 - 2 qts.)	16 - 32 ozs. (1/2 - 1 qt.)
38"	13,939	36 - 70 ozs.	17.5 - 35 ozs.
36"	14,250	36 - 72 ozs.	18 - 36 ozs.
30"	17,424	44 - 88 ozs.	22 - 44 ozs.
24"	21,780	55 - 110 ozs.	27.5 - 55 ozs.
20"	26,136	64 - 128 ozs. (2 - 4 qts.)	32 - 64 ozs. (1 - 2 qts.)
15"	34,848	88 - 176 ozs.	44 - 88 ozs.

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

SEED CORN MAGGOTS:

Broadcast 2-4 qts. per acre just prior to planting. Work into soil 2" 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 layby. 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 ROOTWORM ADULTS:

Apply 1/2 - 1 pt. per acre.

CORN LEAF APHIDS:

Apply 1-2 pts. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary.

MITES

Apply 1 pt. per acre in sufficient water to achieve thorough coverage when infestation first appears, and repeat applications as necessary.

FLEA BEETLES:

Apply 1 pt. per acre in sufficient water to assure thorough coverage when insects first appear and repeat application as necessary.

GRASSHOPPERS

Apply 1 pt. per acre.

SAP BEETLES:

Apply 2 - 2 1/2 pts. per acre. Add 1 - 2 gal. of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

NOTE:

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, Cotton Leafworms, Cotton Leaf Perforators. Apply 1 - 2 pts. in 5 to 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 waste to livestock.

SOYBEANS:

Cutworms (Surface and Subterranean). Broadcast immediately.

Wireworms. Broadcast immediately.

NOTE: TOPS MAY BE USED FOR SUGARCANE

Aphids. Apply 1/2 - 1 qt. per acre. Storage may be fed.

Wireworms. Apply on stubble to obtain thorough coverage.

TOBACCO

Aphids, Flea Beetles. Broadcast immediately.

Cutworms. Broadcast immediately.

Green June Beetle Larvae. Broadcast immediately.

Mole Crickets. Broadcast immediately.

Seed-corn Maggots. Broadcast immediately.

Wireworms. Broadcast immediately.

Grasshoppers. Apply 1 qt. per acre.

RANGE, PASTURE, AND BERMUDAGRASS AN

Thrips, Whiteflies, Grasshoppers.

Dairy and beef cattle, fed green forage immediately following treatment.

RANGELAND, PASTURE AND BARRIER STRIP

Grasshoppers. Apply 3 qts. per acre. Dairy and beef cattle may be fed green forage not be cut for hay for 10 days following treatment.

NOTE: DO NOT SPRAY

ORNAMENTAL INSECTS

To control certain insect pests, Chrysanthemum, Oak, Pine, Plum, Poplar. See label for directions below.

INSECTS

Aphids, Bagworms, Canyons, Flea Beetles, Root Weevils, Onions, Thrips, Two-spotted Mite, Apple-and-Thorn Scale, Oblique-banded Leafhopper.

* 1 fl. oz. = 2 tablespoons

16 fl. oz. = 1 pint

DO NOT USE on ornamental plants may occur.

LAWN INSECT CONTROL

To control insects listed below, apply DIMP 4EC to lawn as well as the house foundation.

INSECTS

Aphids, Bagworms, Canyons, Flea Beetles, Root Weevils, Onions, Thrips, Two-spotted Mite, Apple-and-Thorn Scale, Oblique-banded Leafhopper.

* 1 fl. oz. = 2 tablespoons

16 fl. oz. = 1 pint

DO NOT USE on ornamental plants may occur.

LAWN INSECT CONTROL

To control insects listed below, apply DIMP 4EC to lawn as well as the house foundation.

INSECTS

Lawn Chinch Bug

um 1000 gals. per acre) as a post-infestations. use the higher dosage.

ys of harvest.

100 gals. of water per acre.

not apply within 7 days of harvest.

per 100 gals of water Do not apply

water per acre, as a thorough cover

edium summer horticultural oil per

cts or within 75 days of harvest.

f Folders: Mix 1 pt. per 100 gals. of

re in sufficient water for thorough

a thorough cover spray, or apply a

coverage when insects first appear

not apply within 7 days of harvest

a Crawlers, San Jose Scale Crawlers

le crawlers first appear

it medium horticultural oil per 100

t 100% petal fall. Make 2 additional

weak adult oriental fruit moth flight,

ply to peaches in May and June

n 3-5 applications beginning at petal

ions develop

1% 2 pints per 100 gals. of water

ity. Under conditions of heavy in

days of harvest

1-3 qts. per acre as a foliage spray

orticultural oil in 500 gals. of water

neapples

harvest. Pineapple foliage and refuse

100 gals. of water

ly 1.2-1 pt. per 100 gals. of water

er per acre

ecting spray to plant crowns. Plants

the foliage. Make additional appli

Aphids, Diamondback Moths, Imported Cabbageworms: Apply 1/2 - 1 pt. 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 Moths, Imported Cabbageworms: Apply 1 pt. per acre. Generally applications at 7-10 day intervals will be required. DO NOT APPLY to brussels sprouts within 7 days of harvest.

CARROTS

Aphids: Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

CELERY

Aphids, Flea Beetles: Apply 1 pt. in 100 gals of water per acre. 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.

COLLARS, KALE, SWISS CHARD, AND TURNIP TOPS:

Aphids, Imported Cabbageworms, Diamondback Moths, Harlequin Cabbage Bugs, Corn Earworms: Apply 1/2 - 1 pt. 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, Leaf Miners, Thrips: Apply 1 pt. per acre. DO NOT APPLY within 7 days of harvest.

LETTUCE AND ENDIVE:

Aphids, Dipterous Leaf Miners: Apply 1/2 - 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

MELONS & SQUASH - CANTALOUPE, CASABAS, CRENSHAW, HONEYDEW MELONS, MUSKMELONS, 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.

ONIONS

Onion Thrips: Apply 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

PEPPERS

Aphids, Serpentine Leaf Miners: Apply 1/2 pt. per acre. DO NOT APPLY within 5 days of harvest.

MUSHROOM HOUSES:

Mushroom Flies (Phorids and Sciards): Mix 1/2 - 1 gal. in 50 gals. of water (0.5% to 1.0% in actual DIMP 4EC) 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:

PEAS

Aphids, Leaf Miners: Apply 3/4 - 1 pt. per acre. Peas may be picked immediately. Pea vines and pea vines may be fed to dairy and beef cattle and sheep. Wait 4 days following treatment if forage is to be cut for hay.

POTATOES

Aphids, Flea Beetles, Colorado Potato Beetles, Dipterous Leaf Miners: Apply at the rate of 1/2 - 3/4 pt. per acre.

Banded Cucumber Beetles, Leafhoppers, Southern Army worms: Apply 3/4 - 1 pt. per acre

RADISHES, PARSNIPS and TURNIPS

Aphids, Flea Beetles, Dipterous Leaf Miners: Apply 1/2 - 1 pt. per acre. DO NOT APPLY within 10 days of harvest.

SPINACH and BEETS:

Aphids, Dipterous Leaf Miners: Apply 1/2 - 1 pt. per acre. DO NOT APPLY to spinach within 11 days, or to beets within 14 days of harvest.

SWEET CORN (Summer and Winter) SEE MELONS & SQUASH ABOVE.

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.

NOTE: Refer also to Corn under Field and Forage Insects

Lettuce
Lima Beans
Sweet Corn

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 SYMPHYLANS (Centipedes)

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

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.

MOLE CRICKETS:

Broccoli
Brussel Sprouts
Cabbage
Cauliflower
Collards
Endive (Escarole)
Turnips
Kale
Lettuce
Mustard
Peppers
Radishes
Tomatoes

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

ONION MAGGOTS:

ONIONS:

Furrow Application: Apply 1 qt. per acre in sufficient water to drench the seed furrow at planting time.

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 & 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 1/4 - 1/2 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 1/3 gals. per 1000 linear feet of row) in the seed furrow at planting time.

WIREWORMS:

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

Broadcast 3-4 qts. per acre prior to planting, and work into soil 4-8 inches immediately.

POTATOES:

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

SOUTHERN POTATO WIREWORMS

Potatoes (Southeastern U.S.) For potatoes on mineral soils, broadcast 2-4 qts. per acre prior to planting and immediately work into soil 3-6 inches; depending on location of wireworms.

FIELD AND FORAGE INSECTS:

DIMP 4EC 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 AND CLOVER

Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymphs, Mites: Apply 3/4 - 1 pt. per acre.

Grasshoppers: Apply 1 pt. per acre.

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.

48"	10,890	28 - 68 ozs.	14 - 28 ozs.
43"	12,456	31 - 62 ozs.	15.5 - 31 ozs.
40"	13,068	32 - 64 ozs. (1 - 2 qts.)	16 - 32 ozs. (1/2 - 1 qt.)
38"	13,939	35 - 70 ozs.	17.5 - 35 ozs.
36"	14,260	36 - 72 ozs.	18 - 36 ozs.
30"	17,424	44 - 88 ozs.	22 - 44 ozs.
24"	21,780	55 - 110 ozs.	27.5 - 55 ozs.
20"	26,136	64 - 128 ozs. (2 - 4 qts.)	32 - 64 ozs. (1 - 2 qts.)
15"	34,848	88 - 176 ozs.	44 - 88 ozs.

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

SEED CORN MAGGOTS:

Broadcast 2-4 qts. per acre just prior to planting. Work into soil 2" 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 layby. 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 ROOTWORM ADULTS:

Apply 1/2 - 1 pt. per acre.

CORN LEAF APHIDS:

Apply 1-2 pts. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary.

MITES:

Apply 1 pt. per acre in sufficient water to achieve thorough coverage when infestation first appears, and repeat applications as necessary.

FLEA BEETLES:

Apply 1 pt. per acre in sufficient water to assure thorough coverage when insects first appear and repeat application as necessary.

GRASSHOPPERS:

Apply 1 pt. per acre.

SAP BEETLES:

Apply 2 - 2 1/2 pts. per acre. Add 1 - 2 gal. of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

NOTE: 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, Cotton Leafworms, Cotton Leaf Perforators: Apply 1 - 2 pts. in 5 to 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 waste to livestock.

COWPEAS:

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.

HOPS:

Aphids, Mites: Apply 1 qt. per acre. Do not apply within 14 days of harvest.

LESPEDEZA:

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.

PEANUTS:

Cutworms: Apply 2 qts. 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 three-week intervals may be necessary. DO NOT APPLY within 21 days of peanut harvest.

Livestock (1) may be fed pea ut hulls, (2) may be fed peanut foliage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

SORGHUM:

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

Mites: Apply 1 pt. per acre in sufficient water to assure thorough coverage when infestation first appears, and repeat applications as necessary.

Greenbug (Texas and Oklahoma only): Apply 1/2 - 1 pt. per acre in a minimum of 10 gals. of water for ground applications or apply in a minimum of 2 gals. of water for aerial applications. Make applications when infestation first appears and repeat as necessary.

Crop may be fed to livestock immediately following treatment. DO NOT APPLY within 7 days of harvesting for grain.

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.

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TOMATOES:

Aphids, 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 3/4 - 1 pt. per acre.

Vinegar Flies (Drosophila spp) Apply 1/2 - 1 1/2 pt. per acre. Weekly applications are usually required.

DO NOT APPLY within 1 day of harvest

WATERCRESS (Hawaii Only):

Cyclamen Mites: Mix 1 pt. per 100 gals. of water and apply to one acre as a thorough cover spray. Spray should be directed into the crowns and growing tips of plants. If infestation is heavy, make a second application no later than 10 days after the first application. Repeat applications as necessary. **DO NOT APPLY** within 5 days of harvest.

VEGETABLE SOIL INSECTS:

DIMP 4EC should always be applied as a spray in sufficient water to assure thorough coverage of the soil.

CUTWORMS (Surface and Subterranean)

- | | |
|-------------------|---------------|
| Broccoli | Muskmelons |
| Brussel Sprouts | Parsley |
| Cabbage | Peas |
| Cantaloupes | Peppers |
| Cauliflower | Potatoes |
| Celery | Snap Beans |
| Collards | Spinach |
| Cucumbers | Summer Squash |
| Endive (Escarole) | Swiss Chard |
| Kale | Tomatoes |
| Lettuce | Watermelons |
| Lima Beans | Winter Squash |
| | Sweet Corn |

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 SYMPHYLANS (Centipedes)

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

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.

MOLE CRICKETS:

- | | |
|-------------------|----------|
| Broccoli | Kale |
| Brussel Sprouts | Lettuce |
| Cabbage | Mustard |
| Cauliflower | Peppers |
| Collards | Radishes |
| Endive (Escarole) | Tomatoes |
| | Turnips |

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

ONION MAGGOTS:

ONIONS:

Furrow Application: Apply 1 qt. per acre in sufficient water to drench the seed furrow at planting time.

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 & 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 1/4 - 1/2 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 1/3 gals. per 1000 linear feet of row) in the seed furrow at planting time

WIREWORMS:

- | | | |
|----------|-----------|---------|
| Broccoli | Cucumbers | Peppers |
|----------|-----------|---------|

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, 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** 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.

CLOVER:

Striped Ground Crickets: Broadcast 1-2 pts. per acre following seeding in the fall but prior to clover emergence.

CORN:

CORN ROOTWORM LARVAE: Band application at Planting Time - Apply 1-2 qts. per acre in a minimum of 5 gals. of water. Make application in the seed furrow, or apply 2 1/2 - 5 ozs. per 1,000 linear feet of corn row in a 4-7 inch band directly behind the planter shoe. For band treatment, refer to the row spacing chart for amounts recommended per acre.

Post-emergence Basal Treatment: Apply 1 1/4 - 2 1/2 oz. per 1,000 linear feet of corn row in sufficient water to thoroughly wet base of corn plant and narrow band of soil next to the plant. Refer to the row spacing chart for amounts recommended per acre. Cover treated band with 2-3 inches of soil using a disk tiller or cultivator immediately after spraying. Application should be made at the first sign of corn rootworm larvae, but not later than June 24th in the middle Corn Belt or July 1st in the northern Corn Belt

ROW SPACING	LINEAR FEET OF CORN ROW/ ACRE	AMOUNT OF DIMP 4EC PER ACRE	
		PLANTING TIME APPLICATION	POST-EMERGENCE BASAL TREATMENT
48"	10,890	28 - 56 ozs.	14 - 28 ozs.
42"	12,455	31 - 62 ozs.	15.5 - 31 ozs.
40"	13,068	32 - 64 ozs.	16 - 32 ozs.
		(1 - 2 qts.)	(1/2 - 1 qt.)
38"	13,939	35 - 70 ozs.	17.5 - 35 ozs.
36"	14,250	36 - 72 ozs.	18 - 36 ozs.
30"	17,424	44 - 88 ozs.	22 - 44 ozs.
24"	21,780	55 - 110 ozs.	27.5 - 55 ozs.
20"	26,136	64 - 128 ozs.	32 - 64 ozs.
		(2 - 4 qts.)	(1 - 2 qts.)
15"	34,848	88 - 176 ozs.	44 - 88 ozs.

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

SEED CORN MAGGOTS:

Broadcast 2-4 qts. per acre just prior to planting. Work into soil 2" 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 layby. 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 ROOTWORM ADULTS:

Apply 1/2 - 1 pt. per acre.

CORN LEAF APHIDS:

Apply 1-2 pts. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary

MITES:

Apply 1 pt. per acre in sufficient water to achieve thorough coverage when infestation first appears, and repeat applications as necessary.

FLEA BEETLES:

Apply 1 pt. per acre in sufficient water to assure thorough coverage when insects first appear and repeat application as necessary.

GRASSHOPPERS:

Apply 1 pt. per acre.

SAP BEETLES:

Apply 2 - 2 1/2 pts. per acre. Add 1 - 2 gal. of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays

NOTE: 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, Cotton Leafworms, Cotton Leaf Perforators: Apply 1 - 2 pts. in 5 to 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 waste to livestock.

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.

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

NOTE: TOPS MAY BE FED TO BEEF AND DAIRY ANIMALS'

SUGARCANE:

Aphids: Apply 1/2 - 1 pt. D.I.M.P. 4EC per acre. Allow 1 day between application and harvest. Bagasse and Forage may be fed to livestock.

Wireworms: Apply on a 12-inch band centered over the furrow, 1 gal. per acre in sufficient water to obtain thorough coverage. Make application directly to seed pieces in open furrow at covering time.

TOBACCO:

Aphids, Flea Beetles: Apply 1/2 - 3/4 pt. per acre. **DO NOT APPLY** within 3 days of harvest.

Cutworms: Broadcast 2-3 qts. per acre before transplanting and work into the soil 2-4 inches immediately.

Green June Beetle Larvae: Mix 1/4 pt. in 50 gals. of water and apply as a drench (100 gals. per 100 sq. yd.) to uprooted areas of plant beds with sprinkling can

Mole Crickets: Broadcast 1 qt. per acre, when insects are present. Make application to beds or fields 1-2 days prior to sowing of seed or 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.

Grasshoppers: Apply 1 pt. per acre. **DO NOT APPLY** within 14 days of harvest.

RANGE, PASTURE, AND GRASSLAND INSECTS:

BERMUDAGRASS AND FORAGE GRASSES (Other than range and Pasture Grasses)

Thrips, Whiteflies, Grasshoppers: Apply 1 pt. per acre in a minimum of 5 gals. of water.

Dairy and beef cattle, and sheep (1) may be grazed immediately following application, (2) may be fed green forage immediately following application, and (3) forage grasses may be cut for hay 7 days following treatment.

RANGELAND, PASTURE, DITCH BANKS, ROADSIDES, WASTELANDS, NONCROP AREAS, AND BARRIER STRIPS:

Grasshoppers: Apply 3/4 - 1 pt. per acre in a minimum of 5 gals. of water or a minimum of 1 gal. of oil. Dairy and beef cattle, and sheep may (1) may be grazed immediately following application, (2) may be fed green forage immediately following cutting, and (3) rangeland and pasture grasses should not be cut for hay for 21 days if the spray is a water solution, or for 30 days if the spray is an oil solution. **DO NOT REPEAT** Application for 30 days.

NOTE: DO NOT SPRAY livestock directly with either air or ground equipment.

ORNAMENTAL INSECT CONTROL:

To control certain insects on ornamentals such as Aborvitae, Azalea, Birch, Boxwood, Camelia, Carnation, Chrysanthemum, Douglas Elm, Gladiolus, Hawthorne, Holly, Juniper, Lilac, Locust, Magnolia, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below:

INSECTS	AMOUNT DIMP 4EC TO USE	
	PER 3 GALS. WATER	PER 100 GALS. WATER
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Red Mites, Flea Beetles, Holly Bud Mites, Leafhoppers, Oblique Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-cushion, Lecanium Pine Needle, Rosin, and Soft Scale), Thrips, Two-spotted Mites, Whiteflies.	1/2 fl. oz.*	1 pt.*
Apple and Thorn Skeletonizers, Hemlock Chermes, Oak Loopers, Oblique-banded Leaf Rollers, Pear Slugs, Tent Caterpillars	1 1/2 fl. oz.	3 pts.

* 1 fl. oz. = 2 tablespoons

16 fl. oz. = 1 pint

DO NOT USE on certain Ferns, Poinsettia, Hibiscus, Papayas, Piles, and Gardenia, since injury to the plants may occur.

LAWN INSECT CONTROL:

To control insects listed below, apply recommended rates. For insects such as 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 as necessary

INSECTS	RATE PER 1,000 SQ. FT.		REMARKS
	DIMP 4EC	WATER	
Lawn Chinch Bugs	2.3 fl. oz. or 2.6 fl. oz.	25 gals.	Use higher rate for longer residual control and in areas of heavy infestation.

... or cauliflower within 5 days

Lima Beans Sweet Corn 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 SYMPHYLANS (Centipedes)

- Cabbage
 - Carrots
 - Corn
 - Lettuce
 - Peas
- Radishes
 - Red Beans
 - Snap Beans
 - Tomatoes
 - Turnips

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.

MOLE CRICKETS:

- Broccoli
 - Brussels Sprouts
 - Cabbage
 - Cauliflower
 - Collards
 - Endive (Escarole)
- Kale
 - Lettuce
 - Mustard
 - Peppers
 - Radishes
 - Tomatoes

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

ONION MAGGOTS:

ONIONS:

Furrow Application: Apply 1 qt. per acre in sufficient water to drench the seed furrow at planting time.

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 & 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 1/4 - 1/2 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 - 1-1/3 gals. per 1000 linear feet of row) in the seed furrow at planting time.

WIREWORMS:

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

Broadcast 3-4 qts. per acre prior to planting, and work into soil 4-8 inches immediately.

POTATOES:

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

SOUTHERN POTATO WIREWORMS

Potatoes (Southeastern U.S.): For potatoes on mineral soils, broadcast 2-4 qts. per acre prior to planting and immediately work into soil 3-6 inches, depending on location of wireworms.

FIELD AND FORAGE INSECTS:

DIMP 4EC 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 AND CLOVER

Spotted Alfalfa Aphids, Yellow Clover Aphids, Pea Aphids, Leafhoppers, Plant Bug Nymphs, Mites: Apply 3/4 - 1 pt. per acre.

Grasshoppers: Apply 1 pt. per acre.

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.

40"	13,068	32 - 64 ozs. (1 - 2 qts.)	16 - 32 ozs. (1/2 - 1 qt.)
38"	13,930	35 - 70 ozs.	17.5 - 35 ozs.
36"	14,260	38 - 72 ozs.	18 - 36 ozs.
30"	17,424	44 - 88 ozs.	22 - 44 ozs.
24"	21,780	55 - 110 ozs.	27.5 - 55 ozs.
20"	26,138	64 - 128 ozs. (2 - 4 qts.)	32 - 64 ozs. (1 - 2 qts.)
15"	34,848	88 - 176 ozs.	44 - 88 ozs.

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

SEED CORN MAGGOTS:

Broadcast 2-4 qts. per acre just prior to planting. Work into soil 2" 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 layby. 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 ROOTWORM ADULTS:

Apply 1/2 - 1 pt. per acre.

CORN LEAF APHIDS:

Apply 1-2 pts. per acre in sufficient water to provide complete coverage of the upper portions of plants. Repeat application as necessary.

MITES:

Apply 1 pt. per acre in sufficient water to achieve thorough coverage when infestation first appears, and repeat applications as necessary.

FLEA BEETLES:

Apply 1 pt. per acre in sufficient water to assure thorough coverage when insects first appear and repeat application as necessary.

GRASSHOPPERS:

Apply 1 pt. per acre.

SAP BEETLES:

Apply 2 - 2 1/2 pts. per acre. Add 1 - 2 gal. of soluble mineral oil per acre to the spray mixture. Consult local agricultural authorities for proper timing of sprays.

NOTE: 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, Cotton Leafworms, Cotton Leaf Perforators: Apply 1 - 2 pts. in 5 to 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 waste to livestock.

COWPEAS:

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.

HOPS:

Aphids, Mites: Apply 1 qt. per acre. Do not apply within 14 days of harvest.

LESPEDEZA:

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.

PEANUTS:

Cutworms: Apply 2 qts. 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 three-week intervals may be necessary. DO NOT APPLY within 21 days of peanut harvest.

Livestock (1) may be fed pea ut hulls, (2) may be fed peanut foliage 7 days following treatment and (3) may be fed peanut hay 21 days following treatment.

SORGHUM:

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

Mites: Apply 1 pt. per acre in sufficient water to assure thorough coverage when infestation first appears, and repeat applications as necessary.

Greenbug (Texas and Oklahoma only). Apply 1/2 - 1 pt. per acre in a minimum of 10 gals. of water for ground applications or apply in a minimum of 2 gals. of water for aerial applications. Make applications when infestation first appears and repeat as necessary.

Crop may be fed to livestock immediately following treatment. DO NOT APPLY within 7 days of harvesting for grain.

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.

BERMUDAGRASS AND FORAGE GRASSES (Other than range and Pasture Grasses):

Thrips, Whiteflies, Grasshoppers: Apply 1 pt. per acre in a minimum of 5 gals. of water.

Dairy and beef cattle, and sheep (1) may be grazed immediately following application, (2) may be fed green forage immediately following application, and (3) forage grasses may be cut for hay 7 days following treatment.

RANGELAND, PASTURE, DITCH BANKS, ROADSIDES, WASTELANDS, NONCROP AREAS, AND BARRIER STRIPS:

Grasshoppers: Apply 3/4 - 1 pt. per acre in a minimum of 5 gals. of water or a minimum of 1 gal. of oil. Dairy and beef cattle, and sheep may (1) may be grazed immediately following application, (2) may be fed green forage immediately following cutting, and (3) rangeland and pasture grasses should not be cut for hay for 21 days if the spray is a water solution, or for 30 days if the spray is an oil solution. DO NOT REPEAT Application for 30 days.

NOTE: DO NOT SPRAY livestock directly with either air or ground equipment.

ORNAMENTAL INSECT CONTROL:

SITE 1

To control certain insects on ornamentals such as Aborvitae, Azalea, Birch, Boxwood, Camelia, Carnation, Chrysanthemum, Douglas Fir, Elm, Gladioli, Hawthorne, Holly, Juniper, Lilac, Locust, Maple, Oak, Pine, Plum, Poplar, Rhododendron, Rose, Spruce, and Willow, apply the recommended rates indicated below:

INSECTS	AMOUNT DIMP 4EC TO USE	
	PER 3 GALS. WATER	PER 100 GALS. WATER
Aphids, Bagworms, Carnation Bud Mites, Carnation Shoot Mites, Clover Mites, Cyclamen Mites, Dipterous Leaf Miners, European Red Mites, Flea Beetles, Hairy Bud Mites, Leafhoppers, Obscure Root Weevils, Omnivorous Leaf Tiers, Privet Mites, Scale Crawlers (Cottony-cushion, Lecanium Pine Needle, Scale Crawlers) Thrips, Two-spotted Mites, Whiteflies.	1/2 fl. oz.*	1 pt.*
Apple and Thorn Skeletonizer, Hemlock Chermes, Oak Looper, Oblique-banded Leaf Rollers, Pear Slug, Tent Caterpillars	1 1/2 fl. oz.	3 pts.

* 1 fl. oz. = 2 tablespoons

16 fl. oz. = 1 pint

DO NOT USE on certain Ferns, Poinsettia, Hibiscus, Papaya, Pilea, and Gardenia, since injury to the plants may occur.

LAWN INSECT CONTROL:

To control insects listed below, apply recommended rates. For insects such as 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 as necessary.

INSECTS	RATE PER 1,000 SQ. FT.		REMARKS
	D.I.M.P. 4EC	WATER	
Lawn Chinch Bugs	2-3 fl. oz. or 3-6 fl. oz.	25 gals.	Use higher rate for longer residual control and in lawns of dense growth, such as St. Augustine lawns.
Ants, Armyworms, Clover Mites, Collembola (Spring tails), Crickets, Cutworms, Digger Wasps, Earwigs, Fruit Flies, Lawn Billbugs, Sod Webworms (Lawn Moths), Sowbugs	4 fl. oz.	3 gals.	Spot spray ant hills and wasp ground nest openings. For lawn billbugs, irrigate 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, Bermuda Mites, Chiggers, Fleas, Leafhoppers, Ticks	1 1/2 fl. oz.	3 gals.	DO NOT APPLY to animals. For brown dog ticks, spray grass and under shrubbery, particularly near house.
Millipedes	8 fl. oz.	3 gals.	
Rhodesgrass Scales	5 fl. oz.	25 gals.	Apply when crawlers first emerge.

Boxelder Bugs: Spray bugs outside the home with 1 1/4 - 2 1/2 fl. oz. (2 1/2 - 5 tablespoons) in 1 gal. water. At the same time, thoroughly spray around foundation, windows, doors, tree trunks, and into cracks and other places where the insects hide.

FOREST INSECTS

Pine 13 n +
Pine (Seed Orchards, Plantations, Forests)

Arkansas Sawfly (loblolly Sawfly) Apply 1/2 pt. per acre over the tree canopy in sufficient water to assure thorough coverage. Application should be made at or near the completion of egg hatch. Aerial applications should be made with a minimum of 2 gals. of spray per acre, in swaths not more than 90 ft. wide. Repeat application as needed.

... per acre. Generally applications ...

... NOT APPLY within 10 days of ...

... bbage Bugs, Corn Earworms, ...

... NOT APPLY within 7 days of ...

... APPLY within 10 days of harvest.

... WS, HONEYDEW MELONS, ...

... mmer squash within 7 days of ...

... harvest.

... APPLY within 5 days of harvest.

... water (0.5% to 1.0% in actual ...

... fertilizing, mix 1/2 pt. in 6 ...

... immediately. Pea vines and pea ...

... Apply at the rate of 1/2 - 3/4 ...

... 3/4 - 1 pt. per acre.

... re. DO NOT APPLY within 10 ...

... F APPLY to spinach within 10 ...

... or three repeat applications at ...

... 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.