

SHELL CHEMICAL COMPANY  
A Division of Shell Oil Company  
Agricultural Division



San Ramon, California 94583

DIELDRIN EMULSIBLE CONCENTRATE  
(Contains 1.5 lbs. Dieldrin Per Gal.)

ACTIVE INGREDIENTS  
Dieldrin  
Xylene  
INERT INGREDIENTS

BY WEIGHT  
18.6%\*  
75.4%  
6.0%  
TOTAL 100.0%

\*Equivalent to 15.8% Hexachloroepoxyoctahydro-endo, exo-dimethanonaphthalene and 2.8% of Related Compounds.

EPA Reg. No. 201-232

Net Contents \_\_\_\_\_

WARNING: KEEP OUT OF REACH OF CHILDREN. HAZARDOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN!

SEE ANTIDOTE AND OTHER PRECAUTIONS ON SIDE PANEL.

Read the Directions Carefully and Follow Them at all Times

#### USE AND APPLICATION DIRECTIONS

Shell Dieldrin Emulsible Concentrate can be used in conventional hydraulic sprayers and low-volume ground applicators. Mix this product thoroughly with water by agitation; pour the specified amount of this product into the half-filled spray tank and then add water to fill the tank. Keep agitator running during filling and spraying operations. If allowed to stand, re-agitate before use. If product does not mix readily with water, but separates as an oily layer, do not use as injury to plants may result. Use this product only for recommended purposes and at recommended dosages. For best results consult your state agricultural extension service for recommendations since the timing, number and rate of applications needed will vary with local conditions.

Observe use limitations and intervals before harvest given on the label for specific crops. Avoid drift of this product to adjoining food, fiber or forage crops.

NOT FOR AERIAL APPLICATION!

Agricultural Division

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

USE AND APPLICATION DIRECTIONS (Cont'd)  
Recommended Foliage Applications

FOLIAGE TREATMENTS: Mix the required amounts of this product in sufficient water to provide uniform coverage of foliage. Follow state and federal recommendations.

#### FIELD CROPS

TOBACCO: For control of grasshoppers dilute 1 gal. to cover 12 to 24 acres. For cutworms (climbing and surface), flea beetles, armyworms, thrips, lygus and mirids dilute 1 gal. to cover 6 acres. Repeat as necessary. Do not treat within 5 days of hand picking.

#### FRUIT CROPS

Do not permit dairy or meat animals to graze on cover crops.

APPLES: For control of plum curculio, apple curculio, catfacing insects (lygus and stink bugs) and European apple sawfly use 1-1/3 pt. per 100 gals. water per acre.

Make one or more full coverage treatments in accordance with state and federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

Do not treat bearing fruit trees within 90 days of harvest. Use only on those varieties of apples where the fruit requires at least 90 days to mature.

APRICOTS, PEACHES: For control of plum curculio and catfacing insects (lygus and stink bugs) use 1-1/5 pt. per 100 gals. water. Make 2 to 4 or more full coverage applications in accordance with state and federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

For grasshoppers use 2/3 to 1-1/3 pt. per acre. Spray ground cover, orchard margins and lower branches of trees where grasshoppers are feeding or resting.

Do not treat bearing fruit trees within 45 days of harvest.

POMEGRANES: For control of red root thrips and leaf feeding caterpillars (Ceramias spp.) use 2 to 2-2/3 pt. per acre. Do not treat within 14 days of harvest. Application may be made by ground equipment.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-252

## USE AND APPLICATION DIRECTIONS (Cont'd)

FRUIT CROPS (Cont'd)

**CHERRIES:** For control of plum curculio and catfacing insects (lygus and stink bugs) use 1-1/3 pt. per 100 gals. water. Make 2 to 4 or more full coverage applications in accordance with state and federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

Do not make application after first cover spray if the interval to harvest is less than 35 days.

**CRANBERRIES:** For control of cranberry root weevils (adult) use 1-1/8 to 2-2/3 pt. per 100 gals. water. For adult root weevils and cranberry weevils use 1-1/3 pt. per 100 gals. water. Apply in May or June when weevils first begin to emerge from soil or overwintering quarters.

For green sparrowworms use 1-1/3 pt. per 100 gals. water. Apply in May or June when larvae first become active.

For grasshoppers use 2/3 to 1-1/3 pt. per acre. For armyworms use 1-1/3 pt. per acre.

Do not treat within 21 days of harvest.

**GRAPES:** For control of grasshoppers use 2/3 to 1-1/3 pt. per acre. Spray ground cover, vineyard margins and lower foliage of vines where grasshoppers are feeding and resting. Do not treat bearing vines within 14 days of harvest.

**MANGOES:** For control of thrips use 2/3 pt. per 150-200 gals. water. To protect bees do not apply during bloom. Do not treat within 45 days of harvest. Do not apply more than 200 gals. per acre.

**PEACHES:** For control of plum curculio and catfacing insects (lygus and stink bugs) use 1-1/3 pt. per 100 gals. water. Make 2 to 4 or more full coverage applications in accordance with state and federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

For peach twig borers use 2-2/3 pt. per 100 gals. water. Make 1 to 2 applications beginning with pink spray. Do not apply after black split spray.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-252

## USE AND APPLICATION DIRECTIONS (Cont'd)

FRUIT CROPS (Cont'd)PEACHES (Cont'd)

For lesser peach tree borers use 2-2/3 pt. per 100 gals. water. Spray scaffold branches and crotches.

For peach tree borers use 2 to 4 gals. per 100 gals. water. Apply single application to entire trunk surface from ground level up to 8 to 12 inches. Use 1/2 to 2 pt. of spray mixture per tree depending upon trunk size. Apply only with collar boom.

For grasshoppers use 2/3 to 1-1/3 pt. per acre. Spray ground cover, orchard margins and lower branches of trees where grasshoppers are feeding or resting.

Do not treat bearing fruit trees within 45 days of harvest. Do not graze dairy or meat animals in treated orchards.

**PEARS, QUINCES:** For control of plum curculio, pear psylla and catfacing insects (lygus and stink bugs) use 1-1/3 pt. per 100 gals. water. Make one or more full coverage applications in accordance with state and federal recommendations. For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation. Do not make application after first cover spray.

**PLUMS, PRUNES:** For control of plum curculio and catfacing insects (lygus and stink bugs) use 1-1/3 pt. per 100 gals. water. Make 2 to 4 or more full coverage applications in accordance with state and federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

For grasshoppers use 2/3 to 1-1/3 pt. per acre. Spray ground cover, orchard margins and lower branches of trees where grasshoppers are feeding or resting.

Do not treat after first cover spray (3 weeks after petal fall).

**STRAWBERRIES:** For control of spotted-wing use 2/3 pt. per 100 gals. water per acre. Apply in April or May. For cutworms (climbing and surface), flea beetle, weevils, and aphids use 1-1/3 to 2-2/3 pt. per acre. For strawberry clipper, strawberry root weevils (adults) and crown borers (adult) use 2-2/3 pt. per acre. Do not apply while fruit is on plants.

VEGETABLE CROPS

Apply when insects first appear and repeat at 7 to 10 day intervals if necessary unless specified otherwise.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-232

USE AND APPLICATION DIRECTIONS (Cont'd)

VEGETABLE CROPS (Cont'd)

CARROTS: For control of cutworms (climbing and surface) and armyworms use 1-1/3 to 2-2/3 pt. per acre. Do not treat within 21 days of harvest.

CUCUMBERS: For control of cucumber beetles, cutworms (climbing and surface), dipterous leafminers, lygus bugs and squash bugs use 1-1/3 to 2-2/3 pt. per acre. For stink bugs use 2-2/3 pt. per acre. For grasshoppers and crickets use 2/3 to 1-1/3 pt. per acre. Do not treat within 21 days of harvest. Make application when insects first appear. Do not make more than one application of aldrin or dieldrin during the same growing season.

EGGPLANT, PEPPERS, PIMENTOS: For control of grasshoppers and crickets use 2/3 to 1-1/3 pt. per acre. For armyworms, cutworms (climbing and surface), dipterous leafminers, flea beetles and lygus bugs use 1-1/3 pt. per acre. For cucumber beetles, darkling ground beetles, fall armyworms, garden fleahoppers, garden webworms, Japanese beetles, thrips and white-fringed beetles use 1-1/3 to 2-2/3 pt. per acre. For false chinch bugs use 2 pt. per acre. For blister beetles, salt-marsh caterpillars and stink bugs use 2-2/3 pt. per acre. Do not treat within 7 days of harvest.

HORSE RADISH, RADISHES: For control of armyworms and flea beetles use 1-1/3 pt. per acre. For thrips and dipterous leafminers use 1-1/3 to 2-2/3 pt. per acre. Do not treat within 21 days of harvest.

LETTUCE: For control of cabbage loopers and salt-marsh caterpillars use 2-2/3 pt. per acre. For armyworms and cutworms (climbing and surface) use 1-1/3 pt. per acre. For grasshoppers and crickets use 2/3 to 1-1/3 pt. per acre. Do not treat within 45 days of harvest. Make application when insects first become damaging. Do not make more than one application of aldrin or dieldrin during the same growing season.

ONIONS: For control of onion thrips use 1-1/3 to 2-2/3 pt. per acre. For cutworms (climbing and surface) and armyworms use 1-1/3 pt. per acre. Do not treat green or bunching onions or within 14 days of harvest of dry onions.

PARSNIPS: For control of armyworms use 1-1/3 pt. per acre. Do not treat within 21 days of harvest.

POTATOES: For control of potato flea beetle, vegetable weevils and Colorado potato beetles use 1-1/3 to 2-2/3 pt. per acre. For armyworms and cutworms (climbing and surface) use 1-1/3 pt. per acre. For European corn borers use 2-2/3 pt. per acre. For early season control when plants are small use the lower dosage. Do not treat within 3 days of harvest.

PUMPKIN SQUASH: For control of cucumber beetles, cutworms (climbing and surface), dipterous leafminers, lygus bugs and squash bugs use 1-1/3 to 2-2/3 pt. per acre. For stink bugs use 2-2/3 pt. per acre. For grasshoppers and crickets use 2/3 to 1-1/3 pt. per acre. Do not treat within 21 days of harvest. Make application when insects first appear. Do not make more than one application of aldrin or dieldrin during the same growing season.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-232

USE AND APPLICATION DIRECTIONS (Cont'd)

VEGETABLE CROPS (Cont'd)

SWEET POTATOES: For control of sweet potato weevil in seed beds use 2-2/3 pt. per acre or apply 1/2 fluid oz. per 100 linear ft. Make first application when plants appear above ground and begin to show color. Make second application when all plants are above ground. Make third application following the pulling of plants for transplanting. If plants are allowed to run, make another application at the time the runners start. For control of sweet potato weevil in the field use 2/3 gal. per acre or apply 1 fluid oz. per 100 linear ft. when runners from adjacent rows meet in the middle. A second application should be made when potatoes mature and cause the soil to crack. Do not treat within 21 days of harvest.

TOMATOES: For control of grasshoppers and crickets use 2/3 to 1-1/3 pt. per acre. For flea beetles, thrips, drosophila and Colorado potato beetles use 1-1/3 to 2-2/3 pt. per acre. For cutworms (climbing and surface) and armyworms use 1-1/3 pt. per acre. Do not treat within 7 days of harvest.

NON-AGRICULTURAL

DITCH BANKS, ROADSIDES, WASTELANDS, NON-CROP AREAS INCLUDING SOIL BANK LAND, BARRIER STRIPS: For control of grasshoppers use 1/4 to 1/3 pt. per acre. For armyworms, chinch bugs, cutworms (climbing and surface) and white-fringed beetles use 1-1/3 pt. per acre. Do not graze livestock on treated areas.

ORNAMENTALS, FLOWERING PLANTS: For control of thrips, plant bugs, garden fleahoppers, lace bugs, Japanese beetles, rose chafers, June beetles, psyllids, spittlebugs, holly leafminers, climbing cutworms, birch leafminers, cankerworms, tent caterpillars, webworms, sawflies, flea beetles, grasshoppers and crickets use 1-1/3 to 2-2/3 pt. per acre. For blister beetles and black vine weevils use 2-2/3 pt. per acre. For ants use 5-1/3 pt. per acre.

ROSEBERRY STOCK, ORNAMENTALS: For control of root weevils (adults) (Leucophanes spp.) use 5-1/3 pt. per acre. Spray foliage and soil around the plant thoroughly. Make first application in May or June when weevils first begin emerging from soil or overwintering grubs, and a second application about three weeks later for control of later emerging weevils.

GLADIOLI (COMMERCIAL PLANTING): For control of gladiolus thrips use 1-1/3 pt. per acre. Begin application when foliage is approximately 6 inches high and repeat at 7 to 10-day intervals as new leaves appear until flower spikes appear. Repeat treatment after cut flowers have been harvested.

ELM TREES (FOR USE ONY UNDER A LIMITED APPLICATION OF QUINCY-100 ANTIMOLD, 100% OF 100% MILDICIDE): For control of elm bark beetles, elm leaf beetles and cone worms apply as a dormant spray with a mist blower using a 6% mixture (32 gal. diluted with water to 100 gallons). Apply at the rate of 2 to 3 gals. of mixture per large elm tree (50 ft. elm). Cover limbs and trunk thoroughly. A thorough properly applied dormant application will give seasonal control.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-234

USE AND APPLICATION DIRECTIONS (Cont'd)

NON-AGRICULTURAL (Cont'd)

ELM TREES (FOR USE ONLY UNDER THE IMMEDIATE SUPERVISION OF QUALIFIED ARBORISTS, PARK OR CITY MAINTENANCE PERSONNEL): (Cont'd)

of elm bark beetles as well as cankerworms and elm leaf beetles. A second application for elm leaf beetles may only be necessary during early summer when reinfestation occurs (see foliage application below).

For control of elm bark beetles, elm leaf beetles and cankerworms with a dormant hydraulic spray use 3-1/5 gals. per 100 gals. water. Apply solution at the rate of 25 gals. per large elm tree (50 ft. elm). Proceed as above.

For control of elm leaf beetles with a foliage mist blower use 5-1/3 to 16 gals. per 100 gals. of mixture (1% to 3% solution). Apply the solution at 1 qt. per large tree by mist blower (30 seconds per tree using 1/2 gal. per min. nozzle) as a spring foliage application when leaves are 2/3 grown. Give complete and thorough coverage.

For control of elm leaf beetles with a foliage hydraulic spray use 2/3 gal. per 100 gals. water. Apply resulting solution at the rate of 25 gals. per large elm tree (50 ft. elm).

Birds and other wildlife in treated areas may be killed.

EVERGREENS (CHRISTMAS TREES): For control of pine spittlebugs use 1-1/3 to 2-2/3 pt. per 100 gals. water. Make application in mid-spring soon after nymph hatch.

ORNAMENTAL SHRUBS, TREES: For control of bagworms use 2-2/3 pt. per 100 gals. water. Make application when eggs hatch and tiny bags are seen in accordance with local recommendations. Repeat in 7 days.

For control of rhododendron borers, dogwood borers, mottled willow borers and lilac borers use 5-1/3 pt. per 100 gals. water. Apply 3 to 4 applications beginning in mid-spring in accordance with local recommendations.

RECOMMENDED SOIL APPLICATIONS

All uses are preplanting applications unless specified otherwise.

Follow state and federal recommendations. Apply the specified amount for one of the following treatment methods as indicated for the specific crop and pest:

BROADCAST: Mix the required amount of this product in sufficient water or oil for uniform coverage of the soil surface. Application should be followed promptly by tillage to mix the chemical into the upper 3 to 6 inches of soil.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

RECOMMENDED SOIL APPLICATIONS (Cont'd)

201 234

BAND OR ROW: Mix the required amount of this product in sufficient water for uniform coverage of the row at time of planting.

FURROW: Mix the required amount of this product in sufficient water to thoroughly cover the soil in the seed furrow before closing.

TRANSPLANT: Mix the required amount of this product in the specified amount of water. Drench the soil around each plant with this solution at the time of transplanting.

FIELD CROPS

TOBACCO: For control of subterranean cutworms use 2-2/3 pts. per acre. For white-fringed beetle grubs use 1 gal. per acre. For wireworms, fleabeetle larvae, annual grubs and mole crickets use 1-1/3 to 2 gals. per acre. For green June beetle grubs use 2 gals. per acre. Apply as broadcast treatments. For cutworms use 1/3 pt. per 50 lbs. of bait. Before setting: use 20 lbs. of bait per acre as a broadcast treatment. After setting: apply 3 lbs. of bait per 1,000 plants near each plant.

FRUIT CROPS

APPLES, APRICOTS, CHERRIES, NECTARINES, PEACHES, PEARS, PLUMS, QUINCES: For control of plum curculio use 2 gals. per acre as a broadcast treatment. Apply in early season before fruit begins to form. Disk into soil after application.

BANANAS: For control of banana root borer, chalcid wasps and thrips use 1-1/3 gals. per acre. Apply to surface or soil around trees as a coarse, low pressure spray and avoid contact with leaves and fruit.

CHAMPAGNES: For control of root grubs use 3-1/3 gals. per acre. For wireworms and white grubs use 2 to 2-2/3 gals. per acre. Apply as broadcast treatments in preplanting application or to established beds in fall or early spring before blooming. Work the insecticide into the soil to a depth of 3 to 6 inches by cultivating or drenching with water.

MANGOS: For control of ants use 2/3 gal. per acre. For white grubs and wireworms use 2 to 2-2/3 gals. per acre. Broadcast preplanting soil treatment, or when no fruit is present.

SURGERY STOCK (APPLES, PEARS): For control of root grubs (root feeding for) use 2 gals. per acre. Apply as a preplanting soil application or on either side of tree row and disk in immediately.

STRAWBERRIES: For control of root weevil larvae (or Agrilus spp.) use 3-1/3 gals. per acre. For wireworms and white grubs use 2 to 2-2/3 gals. per acre. For white-fringed beetle grubs use 1 gal. per acre. For cutworms use 1/3 gal. per acre. Use as a broadcast soil application, preplanting or post-harvest in fall or early spring before blooming.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-232

## RECOMMENDED SOIL APPLICATIONS (Cont'd)

VEGETABLE CROPS

**ASPARAGUS:** For control of subterranean cutworms use 1/3 gal. per acre. For wireworms and white grubs use 1-1/3 to 2 gals. per acre. Apply as broadcast treatments, before planting or at time of planting.

**BROCCOLI, BRUSSELS SPROUTS:** For control of cutworms use 1/3 gal. per acre as a broadcast preplanting treatment. For root maggots use 1-1/3 to 2 gals. per acre as a broadcast preplanting treatment, or use 1/3 to 2/3 gal. per acre as a band or furrow treatment. For white-fringed beetle grubs use 1 gal. per acre as a broadcast treatment. Apply as a preplanting or after last harvest application. Do not make more than one application of aldrin or dieldrin during the same growing season.

**CABBAGE, CAULIFLOWER:** For control of wireworms, white grubs, annual grubs and root maggots use 1-1/3 to 2 gals. per acre. For cutworms use 1/3 gal. per acre. Apply as broadcast preplanting treatments. For white-fringed beetle grubs use 1 gal. per acre as a broadcast treatment. Apply as a preplanting or after last harvest application. Do not make more than one application of aldrin or dieldrin during the same growing season.

**CUCUMBERS, SUMMER SQUASH:** For control of wireworms, root maggots and white grubs use 1-1/3 to 2 gals. per acre. For cucumber beetle larvae use 2/3 to 1-1/3 gals. per acre. For cutworms use 1/3 gal. per acre. Apply as broadcast preplanting treatments. Do not make more than one application of aldrin or dieldrin during the same growing season.

**PEPPERS, PEPPERS, PEPPERS:** For control of cutworms use 1/3 gal. per acre. For wireworms, root maggots and white grubs use 1-1/3 to 2 gals. per acre. Apply as broadcast treatments.

For white-fringed beetle grubs use 1 gal. per acre as a broadcast treatment. Apply as a preplanting or after last harvest application.

**SPINACH:** For control of wireworms, root maggots and white grubs use 1-1/3 to 2 gals. per acre. For cutworms use 1/3 gal. per acre. Apply as broadcast preplanting treatments. Do not make more than one application of aldrin or dieldrin during the same growing season.

**ONIONS:** For control of onion maggots use 1-1/3 gals. per acre as a broadcast treatment, use 1/3 to 2/3 gal. per acre as a furrow treatment, or use 1-1/3 to 2-2/3 pt. per acre as a band treatment. Treatments should be made before planting or at time of planting.

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

201-232

## RECOMMENDED SOIL APPLICATIONS (Cont'd)

VEGETABLE CROPS (Cont'd)

**TOMATOES:** For control of wireworms, white grubs and root maggots use 1-1/3 to 2 gals. per acre. For cutworms use 1/3 gal. per acre. Apply as broadcast treatments.

For white-fringed beetle grubs use 1 gal. per acre as a broadcast treatment. Apply as a preplanting or after last harvest application.

**SWEET POTATOES:** For control of annual grubs, false wireworms, white grubs and wire worms use 1-1/3 to 2 gals. per acre. For flea beetle larvae, tuber flea beetle, and white-fringed beetle grubs use 5-1/3 pts. to 1 gal. per acre. For cutworms use 2-2/3 pts. per acre. Apply as preplanting broadcast treatments. For sweet potato weevil see foliage treatment.

NON-AGRICULTURAL

**Turf, Greenhouse Soils, Nursery Soils:** For control of European chafer grubs, green June beetle grubs, northern masked chafer grubs, oriental beetle grubs, chinch bugs, wireworms, root maggots and root weevil larvae (*brachyrhinus* spp.) use 2 to 3-1/3 gals. per acre. For ants, Japanese beetle grubs, white-fringed beetle grubs, white grubs, Asiatic garden beetle grubs, snails, slugs, mole crickets and rod weevils use 1-1/3 to 2 gals. per acre. Apply to give uniform coverage in a single application per season. If two applications are made in a season, reduce dosage by one-half per application. Wash the insecticide into the soil by sprinkling or drenching with water. Do not allow children or pets on treated turf until insecticide is washed off the grass into the soil, and turf is completely dry.

For control of striped grassworms, cutworms, armyworms, crickets, sorbugs and pillbugs use 1/3 to 2/3 gal. per acre. Apply to give uniform coverage. The insecticide should not be worked into the soil, but allowed to remain at the surface of the soil around the crown of the plant. For earwig control apply to daytime hiding places around bases of trees, shrubs, walks, fences and building foundations.

**LAND NOT TO BE GRAZED OR USED FOR GATHERING FEED OR FOOD CROPS:** For white-fringed beetle grubs use 1-1/3 to 3-1/3 gals. per acre. Apply to give uniform coverage and only under the direction of state and federal agencies.

**NURSERY STOCK AND ORNAMENTALS:** For control of root weevil larvae (*brachyrhinus* spp.) use 3-1/3 gals. per acre. For white-fringed beetle grubs and Japanese beetle grubs use 1-1/3 to 2 gals. per acre. For European chafer grubs use 2 to 3-1/3 gals. per acre. Apply to give uniform coverage before planting or in early spring. Mix into the soil to a depth of 3 to 6 inches.

Agricultural Division

DIELDRIN EMULSION CONCENTRATE (1.5 lbs. per Gal.)

RECOMMENDED SOIL APPLICATIONS (Cont'd)

NON-AGRICULTURAL (Cont'd)

HOME LAWNS, CEMETERIES, PARKS AND PARKWAYS, HIGHWAY RIGHTS-OF-WAY, GOLF COURSES: For control of European chafer grubs, green June beetle grubs, northern masked chafer grubs, oriental beetle grubs and chinch bugs use 1/3 to 2/3 pt. per 1,000 sq. ft. (1 to 3-1/3 gals. per acre). For ants, Japanese beetle grubs, white-fringed beetle grubs, white grubs, Asiatic garden beetle grubs, mole crickets, snails, slugs, and sod webworms use 1/4 to 1/3 pt. per 1,000 sq. ft. (1-1/3 to 2 gals. per acre). Apply to give uniform coverage at a single application per season. If two applications are made in a season reduce the dosage by one-half per application.

Do not allow children or pets on treated lawn until insecticide is washed off the grass into the soil and grass is completely dried.

For striped grassworms, cutworms, armyworms, earwigs, cockroaches, pillbugs, chiggers, fleas and ticks use 1 to 2 fluid ozs. per 1,000 sq. ft. (1/3 to 2/3 gal. per acre). Apply to give uniform coverage. The insecticide should not be soaked into the soil but should be allowed to remain at the surface of the soil around the crown of the plant. For earwig control, apply to daytime hiding places around bases of trees, shrubs, walks, fences and building foundations.

PRECAUTIONS IN USE:

WARNING! HARMFUL IF SWALLOWED, INHALED, OR ABSORBED THROUGH SKIN! Do not breathe spray mist. Do not get in eyes, on skin or on clothing. Do not use or store near heat or open flame.

Wash thoroughly with soap and water after handling and before eating or smoking. Wear clean clothing. Do not wear metal or powdered eyeglasses in spray-misting and handling operations. Use of an rubber gloves and a mask or respirator of a type passed by the U.S. Bureau of Mines for dieldrin protection.

In case of spillage on person or clothing, remove clothing immediately and flush skin or eyes with plenty of water. For eye contact, seek medical attention. If swallowed, induce vomiting. Do not give anything by mouth to a person who has swallowed.

Do not apply or allow to drift on or near children, pets, birds, bees or beneficial insects. Do not eat, drink or smoke while using.

This product is highly toxic to fish and aquatic life. Keep out of lakes, ponds, streams, rivers, and other bodies of water. Do not apply to water. Do not apply to lawns or other areas where children, pets, birds, bees or beneficial insects are present. Do not apply to lawns or other areas where children, pets, birds, bees or beneficial insects are present.

NOTICE OF WARRANTY

SHELL CHEMICAL COMPANY MAKES NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PURPOSE, OR OTHERWISE, EXPRESS OR IMPLIED concerning this product or its uses which extend beyond the use of the product under normal conditions in accord with the statements made on this label.

Agricultural Chemicals Division

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

RECOMMENDED FOLIAGE APPLICATIONS

FRUIT CROPS

APRICOTS, NECTARINES: (Contd.)

For grasshoppers use 2/3 to 1-1/3 pt. per acre. Spray ground cover, orchard margins and lower branches of trees where grasshoppers are feeding or resting.

Do not treat bearing fruit trees within 45 days of harvest.

BANANAS: For control of red rust thrips and leaf feeding caterpillars (Ceramidia spp.) use 2 to 2-2/3 pt. per acre. Do not treat within 14 days of harvest. Application may be made by air or ground equipment.

BLUEBERRIES: For control of blueberry thrips (on low bush varieties) use 2-2/3 pt. per acre. Apply as plants are breaking ground and up to 1 inch high. For blossom weevils use 2-2/3 to 5-1/3 pt. per acre. Apply when leaf buds show green and before blossoms open giving special attention to the edge of fields and adjacent brush. Do not treat after first bloom.

CHERRIES: For control of plum curculio and catfacing insects (lygus and stink bugs) use 1-1/3 pt. per 100 gals. water. Make 2 to 4 or more full coverage applications in accordance with state and Federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

Do not make application after first cover spray.

Do not treat within 30 days of harvest.

CRAWBERRIES: For control of cranberry root weevils (adult) use 1-1/3 to 2-2/3 pt. per 100 gals. water. For adult root weevils and cranberry weevils use 1-1/3 pt. per 100 gals. water. Apply in May or June when weevils first begin to emerge from soil or overwintering quarters.

For green spanworms use 1-1/3 pt. per 100 gals. water. Apply in May or June when larvae first become active.

For grasshoppers use 2/3 to 1-1/3 pt. per acre. For armyworms use 1-1/3 pt. per acre.

Do not treat within 21 days of harvest.

Agricultural Chemicals Division

DIELDRIN EMULSIBLE CONCENTRATE (1.5 lbs. per Gal.)

RECOMMENDED FOLIAGE APPLICATIONS

FRUIT CROPS (Contd.)

PLUMS, PRUNES: For control of plum curculio and catfacing insects (lygus and stink bugs) use 1-1/3 pt. per 100 gals. water. Make 2 to 4 or more full coverage applications in accordance with state and Federal recommendations.

For consperse stink bugs use 2-2/3 pt. per 100 gals. water. Apply 100 to 200 gals. per acre and treat cover crop thoroughly. Spring application should be made in late March and early spring. Fall application should be made after harvest in September and October before stink bugs go into hibernation.

For grasshoppers use 2/3 to 1-1/3 pt. per acre. Spray ground cover, orchard margins and lower branches of trees where grasshoppers are feeding or resting.

Do not treat after first cover spray (3 weeks after petal fall).

STRAWBERRIES: For control of spittlebugs use 2/3 gal. per 100 gals. water per acre. Apply in April or May. For cutworms (climbing and surface), Fleabeetles, grasshoppers and crickets use 1-1/3 to 2-2/3 pt. per acre. For strawberry clippers, strawberry root weevils (adults) and crown borers (adult) use 2-2/3 pt. per acre. Do not apply while fruit is on plants.

VEGETABLE CROPS

Apply when insects first appear and repeat at 7 to 10-day intervals if necessary unless specified otherwise.

CARROTS: For control of cutworms (climbing and surface) and armyworms use 1-1/3 to 2-2/3 pt. per acre. Do not treat within 21 days of harvest.

CUCUMBERS: For control of cucumber beetles, cutworms (climbing and surface), dipterous leafminers, lygus bugs and squash bugs use 1-1/3 to 2-2/3 pt. per acre. For stink bugs use 2-2/3 pt. per acre. For grasshoppers and crickets use 2/3 to 1-1/3 pt. per acre. Do not treat within 21 days of harvest. Make application when insects first appear. Do not make more than one application of aldrin or dielarin during the same growing season.

application when all plants are above ground. Make third application  
and when plants appear above ground and begin to show color. Make second  
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