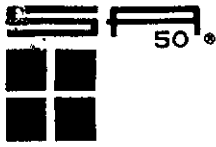


829-287

09/14/2001

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LIQUID ORNAMENTAL and VEGETABLE FLOWABLE FUNGICIDE

Contains
Daconil®

Active ingredient:	
Chlorothalonil (tetrachloroisophthalonitrile).....	12.50%
Inert ingredients	87.50%
Total	100.00%

NOT FOR USE ON PLANTS BEING GROWN FOR SALE OR OTHER COMMERCIAL PURPOSES. USE, OR FOR COMMERCIAL SEED PRODUCTION, OR FOR RESEARCH

Daconil® is a registered trademark of Zeneca Professional Products
**KEEP OUT OF REACH OF CHILDREN
CAUTION**



0 51538 06824 6

SHAKE WELL BEFORE USING. Read entire label and use as directed.
Apply only to plants specified on this label. Do not apply to plants not listed on this label.
Do not combine this product with pesticides, surfactants or fertilizers unless prior use has shown the combination compatible.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC
ANIMALS
FIRST AID**

If in Eyes: Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control center or doctor for treatment advice. **If Swallowed:** Call a poison control center or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not

induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **If Inhaled:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. Call a poison control center or doctor for further treatment advice. **Note to Physician:** Affected persons respond to treatment with antihistamines or steroid creams and/or systemic steroids.

NOTE TO USER: Wear long sleeve shirt, long pants, gloves and goggles or face shield while mixing and applying this product. Keep unprotected persons and animals out of treatment area until spray has completely dried.
(precautionary statements continued inside of label)

THE SPECIFIC DIRECTIONS FOR USE OF THIS PRODUCT ARE LOCATED INSIDE OF LABEL. FOLLOW DIRECTIONS ON SIDE OF LABEL TO OPEN.
For information on this pesticide product (including health concerns, medical emergencies, or pesticide incidents), call the National Pesticide Telecommunications Network at 1-800-858-7378. Have product container or label with you when calling a poison control center or doctor or going for treatment.
For questions pertaining this product, please email us at support@southernag.com

Southern Agricultural Insecticides, Inc.

Palmetto, Fla. 34220 Hendersonville, N.C. 28793 Boone, N.C. 28607
E.P.A. Reg. No. 829-287 J2 EPA Est No. 829-FL- 1

Net contents liquid: 8 Oz. or Pint, or Quart, or 1 Gallon

ACCEPTED

SEP 14 2001

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 829-287

**PRECAUTIONARY STATEMENTS (continued)
ENVIRONMENTAL HAZARDS:**

This pesticide is toxic to aquatic invertebrates and wildlife. Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Drift and runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwater or rinsate.

This chemical is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this chemical in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

This chemical can contaminate surface water through spray drift. Under some conditions, it may also have a high potential for runoff into surface water for several days to weeks after application. These include poorly draining or wet soils with readily visible slopes toward adjacent surface waters, frequently flooded areas, areas overlaying extremely shallow ground water, areas with infield canals or ditches that drain to surface water, areas not separated from adjacent surface waters with vegetated filter strips, or areas overlaying tile drainage systems that drain to surface water.

STORAGE AND DISPOSAL:

DO NOT contaminate water, food or feed by storage or disposal. **PESTICIDE STORAGE:** Store pesticide in original container in a locked storage area.

PESTICIDE DISPOSAL: To dispose of pesticide, securely wrap container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Rinse thoroughly before discarding in trash.

DIRECTIONS FOR USE

GENERAL PRECAUTIONS AND RESTRICTIONS

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

DO NOT allow people or pets to enter treated areas until sprays have dried or dusts have settled. **DO NOT** apply this product in a way that will contact other persons, or pets, either directly or through drift. **DO NOT** combine this product in the spray tank with other pesticides, surfactants, or fertilizers unless your prior use has shown the combination physically compatible, effective and non injurious under your conditions of use. The use of spray stickers or other spray adjuvants is not recommended with this product. Before opening, slowly invert this container several times to assure uniform mixture. Slowly add the required amount of this product to the spray tank while filling.

Agitate and continue to agitate while using.

For handy reference, 1 oz liquid = 2 Tablespoonfuls (TBS) = 6 Teaspoonfuls (tsp)

APPLICATIONS INSTRUCTIONS

Use of this product on home lawns is prohibited. This product may not be added to paint by residential users/consumers.



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Inert ingredients 87.50%
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E.P.A. Reg. No. 829-287 J2 EPA Est No. 829-FL- 1

Net contents liquid: 8 Oz. or Pint, or Quart, or 1 Gallon

ORNAMENTAL PLANTS:

Apply this fungicide at the rate of 2 1/2 Tablespoonfuls (2 Tablespoonfuls for Roses) per gallon of water to cover 350 sq. ft. Apply the spray to run-off when conditions are favorable for disease development. Repeat applications at 7 to 14 day intervals until conditions are no longer favorable. During periods when conditions favor severe disease incidence, generally cloudy wet weather, apply at one week intervals. Apply to plants when foliage and flowers are dry or nearly dry. Use of this product is recommended for the control of fungal diseases referred to by numbers in parentheses following each ornamental. Ornamentals listed on this label have been tested and found to tolerate applications of chlorothalonil (the active ingredient in this product) at the recommended rates. The user should test for possible phytotoxic responses, using recommended rates on ornamental plants on a small area prior to extensive use. Applications to bloom may damage flowers and/or fruits. **FRUITS AND OTHER STRUCTURES WHICH ARE BORNE ON TREATED PLANTS MUST NOT BE EATEN** unless directions for use on the specific food plant are followed as given in the vegetable and fruit sections of this label. Do not feed treated plant parts to livestock. Do not apply more than 27 applications per growing season (year).

ORNAMENTALS RECOMMENDED FOR TREATMENT WITH THIS FLOWABLE FUNGICIDE.

BROADLEAF SHRUBS AND TREES

Andromeda(Pharis)(4), Ash(Frazinus)(1), Aspen(1), Azalea(1,2,4), Buckeye(horsechestnut)(1), Cherry-Laurel(1), Crabapple(1,6,8), Dogwood(1), Eucalyptus(3), Euonymus(1), Firethorn(Pyracantha)(1), Flowering Almond(1,2), Flowering Cherry(1,2), Flowering Peach(1,2), Flowering Plum(1,2), Flowering Quince(1,2), Hawthorn(1,6), Holly (1), Lilac(5), Magnolia(1), Maple(1), Mountain Laurel(1), Oak(Red group only)(1,7), Oregon-Grape(Mahonia)(6), Photinia(1), Poplar(1), Privet(Ligustrum)(1), Rhododendron(1,2,4), Sand Cherry(1,2), Sequoia(1), Spiraea(1), Sycamore,Planetree(1), Viburnum(5), Walnut(Juglans)(1)

FLOWERING PLANTS AND BULBS

(Avoid applications during bloom period on plants where flower injury is unacceptable.)

Arabian Violet(2), Begonia(1), Camellia(2), Carnation(1,2), Chrysanthemum(1,2), Crocus(1), Daffodil(1), Daisy(1), Geranium(1,6), Gladiolus(1,2), Hollyhock(6), Hydrangea(Foliage only)(1,6), Iris(1,2), Lily(1), Marigold(1), Narcissus(1), Parsy(1), Petunia(1,4), Phlox(1), Poinsettia(1)*Discontinue applications to poinsettia prior to bract formation; phytotoxicity is possible on the bracts, Rose(1), Statice(1), Tulip(1), Zinnia(1,5).

FOLIAGE PLANTS

Aglaonema(1), Areca palm(1), Artemisia(1), Boston fern(1), Dumbcane(Dffenbachia)(1), Dracaena(1), Fatsia(Aralia)(1), Ficus(1), Florida Ruffe Fern(1), Leatherleaf Fern(1), Lipstick plant(1), Ming aralia(1), Oyster plant(Rhoeo)(1), Parlor palm, Chamaedorea(1), Peperomia(1), Philodendron(1,4), Prayer plant(Marganta)(1), Syngonium(1), Zebra plant(Aphelandra)(1)

DISEASES CONTROLLED WITH THIS FLOWABLE FUNGICIDE

(1)LEAFSPOTS/FOLIAR BLIGHTS

Acicapsella leafspot	Alternaria leafspot/leaf blight	Anthraxnose leaf blotch/spot	Anthraxnose(Discuta) blight	Ascochyta blight
Botrytis/Helminthosporium leaf spot	Botrytis leafspot, leaf blight	Cephalosporium leaf spot	Cercospora leaf spot	Cylindrosporium leafspot
Cercosporidium leafspot	Coryneum blight(shothole)	Corynespora leaf spot	Curvularia leaf spot	Fusarium leafspot
Dactyloctenium leafspot	Didymella leafspot	Drechslera leafspot	Fabraea(Entomosporium)leafspot	Mycosphaerella ray blight
Gloeosporium black leafspot	Ink spot(Drechslera)	Monilinia blossom blight, twig blight	Rhizoctonia web blight	Ramularia leaf spot
Myrothecium leafspot,brown rot	Nematostoma leaf blight	Phylosticta leaf spot	Tan leafspot(Curvularia)	Volutella leaf blight
Yelloria leaf spot	Sphaeropsis leafspot	Stagonospora leaf scorch		

(2)FLOWER SPOTS/BLIGHTS

Botrytis flower spot, flower blight	Curvularia flower spot	Monilinia blossom blight
Oxalis flower blight	Rhizopus blossom blight	Sclerotinia flower blight

(3)CYLINDROCLADIUM STEM CANCKER

(4)PHYTOPHTHORA LEAF BLIGHT, dieback

(5)POWDERY MILDEWS

Erysiphe cichoracearum	Microsphaera spp
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(6)RUSTS

Gymnosporangium spp	Puccinia spp	Pucciniastrum hydrangeae
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(7)TAPHIRINA blister

(8)SCAB (Venturia inaequalis)

THE FOLLOWING ORNAMENTAL PLANT SPECIES WHICH HAVE BEEN TESTED WITH CHLOROTHALONIL AT RECOMMENDED RATES DID NOT EXHIBIT PHYTOTOXICITY.

BOTANICAL NAME	COMMON NAME	BOTANICAL NAME	COMMON NAME
Aechmea fasciata	Aechmea	Episcia cupreata	Flame Violet
Araucaria heterophylla	Norfolk Island Pine	Fittonia spp.	Silver-Nerve Plant
Asplenium nidus	Birdnest fern	Gerbera jamesonii	Gerbera Daisy
Bougainvillea spp.	Bougainvillea	Gynura sarmantosa	Purple Passion Vine
Caladium spp.	Caladium	Gypsophila paniculata	Baby's Breath
Calathea makoyana	Peacock plant	Hoya spp.	Wax Plant
Calistephus chinensis	Aster	Ilex cornuta	Chinese Holly
Cassia grandiflora	Natal plum	Ilex crenata	Japanese Holly
Clerodendron thomsonae	Bleeding heart	Impatiens spp.	Impatiens
Codiaeum spp.	Croton	Pilea cadierei	Aluminum Plant
Cordyline terminalis	Ti Plant	Platycerium spp.	Staghorn fern
Crassula argentea	Jade Plant	Sansevieria fasciata "Hahnii"	Birdnest Sansevieria
Cyrtanthium falcatum	Holly Leaf Fern	Tolmiea menziesii	Piggy-back Plant
Dionaea muscipula	Venus Fly Trap	Yucca elephantipes	Spineless Yucca
Dizygotheca elegantissima	False Aralia	Zygocactus truncatus	Christmas cactus
Epipremium aureum	Golden Pothos, Scindapsus		

NOTE: DO NOT apply this product to either green or variegated Pittosporum or to Schefflera, as multiple applications have been demonstrated to cause phytotoxic responses.

ORNAMENTAL CONIFERS:

Apply this fungicide at the rate given below per gallon of water to cover 350 sq. ft.
 Apply to obtain uniform coverage of tree canopy. Do not allow livestock to graze treated areas.
 Rates are given in Tablespoonfuls of product per gallon of water.
 Do not make more than 6 applications per year for rates up to 4 1/2 TBS. Do not make more than 4 applications per year at rates above 4 1/2 TBS.

DISEASES	TBS/GAL	APPLICATION DIRECTIONS
Swiss needlecast	7 1/2 TBS	Make first application in
Sciarodermis canker (pines)	2 1/2 TBS to 4 1/2 TBS	Spring when new shoot growth is 1/2 to 2 inches long. Repeat applications may be made after 21 days. Make additional applications at 3 to 4 week intervals until conditions no longer favor disease development.
Strobococcus tip blight	3 1/2 TBS	

DISEASES	TBS/GAL	APPLICATION DIRECTIONS
Cyaneusma and Lophodermium needlecasts	7 1/2 TBS	Apply in early Spring prior to bud break. Repeat applications at 6 to 8 week intervals, until spore release ceases in late Fall. Apply monthly during periods of frequent rainfall. During drought periods, applications may be suspended, then resumed upon next occurrence of needle wetness.
Rhabdocline needlecast	2 1/2 TBS to 4 1/2 TBS	Apply at budbreak and repeat at 3 to 4 week intervals until needles are fully elongated and conditions no longer favor disease development.
Botrytis seedling blight Phoma twig blight	2 1/2 TBS	Begin applications in nursery beds when seedlings are 4 inches tall and when cool, moist conditions favor disease development.

VEGETABLE DISEASES:

Rates are given in Tablespoonfuls (TBS) per gallon of water to cover 350 square feet of planting. Spray to obtain thorough coverage but do not exceed 1 gallon of spray mixture per 350 square feet or residue tolerances may be exceeded. The number shown in parentheses following crop name indicates the interval between last application and harvest. When sprays for disease control must be made at intervals closer to harvest than indicated, use an alternate fungicide registered for that use. DO NOT graze treated areas or feed treated plant parts to livestock.

CROP	DISEASES	TBS/GAL	APPLICATION DIRECTIONS
Bean (snap)(7)	Rust Botrytis blight (gray mold)	2 TBS to 4 TBS 4 TBS	Begin applications during early bloom stage or when disease first threatens. Do not retreat within 7 days. Repeat weekly or as necessary to maintain control. Do not exceed 4 applications per season.
Beans (dry)(42) Navy, Pinto, Kidney, Lima, Blackeye	Rust Anthracnose Downy Mildew Cercospora leaf spot (blackeye only)	2 TBS	Begin applications during early bloom stage. Do not retreat within 7 days. For use only on beans to be harvested dry with pods removed. Do not exceed 5 applications per season.
Cabbage Chinese Cabbage (7) (light headed varieties only) Cauliflower Broccoli Chinese Broccoli (7) Brussels sprouts	Alternaria leaf spot Downy mildew	2 1/2 TBS	Begin applications when transplants are set in field, or shortly after emergence for field seeded crop, or when conditions favor disease development. Do not retreat within 7 days. Repeat at 7 to 10 day intervals or as necessary to maintain control. Do not exceed 6 applications per season.
Carrot (7)	Cercospera (early blight) Alternaria (late blight)	2 1/2 TBS	Start applications when disease threatens. Do not retreat within 7 days. Repeat at 7 to 10 day intervals or as necessary to maintain control. Do not exceed 11 applications per season.
Celery(7)	Cercospera (early blight) Septoria (late blight) Basal stalk rot (Rhizoctonia solani)	3 TBS to 4 TBS	Weekly applications when transplants are set in field. Do not exceed 8 applications per season. Do not retreat within 7 days.
Corn(sweet)(14)	Helminthosporium leaf blights, Rust	1 TBS to 2 1/2 TBS	Begin applications when conditions favor disease. Do not retreat within 7 days. Repeat at 7 to 10 day intervals or as necessary to maintain control. Do not exceed 6 applications per season.
DO NOT APPLY TO SWEET CORN TO BE PROCESSED. DO NOT ALLOW LIVESTOCK TO GRAZE IN TREATED FIELDS. DO NOT ENSILE TREATED CORN OR USE AS LIVESTOCK FORAGE.			
CUCURBITS:			
Cucumber	Anthracnose Downy Mildew	2 TBS to 2 1/2 TBS	Begin applications when plants are in first true leaf stage, or when conditions favor disease development. Do not retreat within 7 days.
Cantaloupe	Target spot		Do not exceed 7 applications per season.
Muskmelon	Cercospera	3 TBS	Under severe conditions shorten spray intervals.
Honeydew	Leaf spot	to 4 TBS	
Watermelon	Gummy stem blight		
Squash	(black rot) Scab		
Pumpkin	Powdery Mildew(Sphaerotheca only)		
Onion (dry bulb)(7)	Botrytis leaf blight/blast Botrytis neck rot (suppression) Purple blotch Neck rot in storage(suppression)	1 1/2 TBS to 2 1/2 TBS	Do not retreat within 10 days. Prior to infection spray at 10 day intervals when <u>disease is present</u> . Do not exceed 11 applications per season. A minimum of 3 applications prior to one week before lifting.
Onion (green bunching)(14)*, Leek (14)*, Shallot(14)*, Garlic(7)	Botrytis leaf blight/blast Purple blotch Downey mildew (suppression)	2 TBS to 4 TBS	Begin weekly applications prior to favorable infection periods and continue for as long as conditions favor disease. Do not retreat within 7 days. DO NOT apply more than 3 times per season to green bunching onions, leeks, or shallots. For Garlic do not exceed 6 applications per season.

Parsnip (10)	Alternaria leaf	2 1/2 TBS	Make first application at first sign of disease or when conditions favor disease infection. Do not retreat within 7 days. DO NOT apply more than 4 times per season.
Peanut (14)	Early leaf spot (Cercospora) Late leaf spot (Cercosporidium) Rust, Web blotch	2 TBS	Apply when leaf wetness first occurs or 30-40 days after planting. Do not retreat within 10 days. Do not exceed 8 applications per season.
Potato (7)	Late blight	2 TBS	Apply as a banded treatment directed over the foliage, beginning when vines are first exposed and leaf wetness occurs. Do not retreat within 5 days. As vines close apply as a complete cover spray at 7-10 day intervals. Use the 7 day interval when disease conditions worsen, being sure to apply 1 gallon for each 350 square feet. Do not exceed 10 applications per season.
Tomato	Early blight, Late blight, Gray Leaf Spot, Gray Leaf mold, Septoria leaf spot, Target spot, Anthracnose, Alternaria fruit rot, Botrytis gray mold, Rhizogonia fruit rot, to aid in the control of bacterial foliar and fruit spots	3 TBS to 4 TBS	Do not retreat within 7 days. Begin applications when dew or rain occurs and disease threatens. Use shorter interval as disease conditions worsen. Do not exceed 7 applications per season. add 4 teaspoonsfuls of SA-50 Neutral Copper Fungicide or add 2 Tablespoonfuls of SA-50 Liquid Copper Fungicide per gallon of spray mixture

TREE AND ORCHARD CROPS:

Dosages are given in Tablespoonfuls (TBS) per gallon of water. Spray to point of run-off. Obtain complete coverage of the tree canopy. For stone fruit do not use more than 2.5 gallons of spray per 350 sq. ft. Do not exceed 5 applications per season. For papaya do not use more than 1 gallon of spray per 350 sq. ft. Do not exceed 3 applications per season. DO NOT apply after shuck split and before harvest. If additional fungicide applications are needed before harvest, apply an alternate fungicide labeled for that use.

STONE FRUIT	Leaf curl	2TBS	Apply at leaf fall in Autumn. Do not retreat within 10 days.
(Peach, Nectarine, Apricot, Plum, Prune, Cherry)	Coryneum blight (shot-hole)		When conditions favor disease make one or two additional applications in mid and late Winter before budswell. Where Coryneum blight (shot-hole) occurs also apply at budbreak and shuck split.
	Brown rot blossom blight Lacy (russet) scab (plum/prune)	2TBS	Apply once at popcorn (pink, red, or early white bud) and a second application at full bloom. If weather conditions favor disease development make an additional application at petal fall. Do not retreat within 10 days.
	Cherry leaf spot, Peach, Nectarine Apricot scab	2 TBS	In addition to the bloom applications make one application at shuck split. For control of Cherry leaf spot after harvest, make one application 7 days after fruit has been removed. Where trees have a history of high leaf spot incidence, make a second application 10-14 days later.
Papaya	Alternaria fruit rot Anthracnose Stem end rot	3 TBS to 4 TBS	Begin treatment when conditions favor disease development. Do not retreat within 14 days.

WARRANTY AND LIMITATION OF DAMAGES

Seller warrants that this material conforms to it's chemical description and is reasonably fit for the purposes stated on the label when used in accordance with it's directions under normal conditions of use and buyer assumes the risk of any use contrary to such directions. SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO. In no event shall the sellers breach of warranty exceed the purchase price of the material as to which a claim is made.