Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2015-2017 LIC. NO.

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Department of Agriculture
STATE OF HAWAII

LICENSED

PERIOD 2012-2014 LIC. NO.

GROUP M5 P1 FUNGICIDES

PULL HERE TO OPEN

Daconil Action™

syngenta®

Flowable Fungicide

For control of turf diseases: sod farms; turf on golf courses, professional and collegiate athletic fields; and lawns around commercial and industrial buildings.

Active Ingredients:

Chlorothalonil (tetrachloroisophthalonitrile)*	53.94%
Acibenzolar-S-methyl: Benzo(1,2,3)thiadiazole-7-carbothioic acid-S-methyl ester**	0.11%
Other Ingredients:	45.95%
Total:	**100.00%**

*CAS No. 1897-45-6
**CAS No. 135158-54-2
Contains: 6.1 pounds chlorothalonil per gallon
0.012 pounds acibenzolar-S-methyl per gallon

KEEP OUT OF REACH OF CHILDREN.

WARNING/AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See additional precautionary statements and directions for use inside booklet.

EPA Reg. No. 100-1364
EPA Est. 50534-TX-001

SCP 1364A-L1 0411 343162

2.5 gallons
Net Contents

™

FIRST AID	
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.
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.
NOTE TO PHYSICIAN Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment.	
HOT LINE NUMBER For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call **1-800-888-8372**	

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if inhaled. Do not breathe spray mist. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear appropriate protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed.

Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Personal Protective Equipment (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for Category A on an EPA chemical resistance category selection chart.

Mixers, Loaders, and all other Handlers (except Applicators) must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Respirator with an organic-vapor removing cartridge with a prefilter approved for pesticides (MSHA/NIOSH approval number prefix TC-23C), or a canister approved for pesticides (MSHA/NIOSH approval number TC-14G), or a NIOSH approved respirator with an organic vapor (OV) cartridge or a canister with any N, R, P or HE prefilter.
- Protective eyewear (goggles, face shield, or safety glasses)

continued…

PRECAUTIONARY STATEMENTS *(continued)*

Applicators must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks
- Protective eyewear (goggles, face shield, or safety glasses)

User Safety Requirements

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Control Statements

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d)(4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

User Safety Recommendations:

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Environmental Hazards

This product is toxic to aquatic invertebrates, fish and wildlife. DO NOT apply directly to water, 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.

Chlorothalonil, one of the active ingredients in Daconil Action, is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Daconil Action can contaminate surface water through spray drift. Under some conditions, it may 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 over-laying 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, and areas over-laying tile drainage systems that drain to surface water.

Physical or Chemical Hazards

Do not use, pour, spill, or store near heat or open flame.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

NOTICE: Read the entire Directions for Use and Conditions of Sale and Limitation of Warranty and Liability before buying or using this product. If the terms are not acceptable, return the product at once, unopened, and the purchase price will be refunded.

The Directions for Use of this product must be followed carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as manner of use or application, weather or crop conditions, presence of other materials or other influencing factors in the use of the product, which are beyond the control of SYNGENTA CROP PROTECTION, LLC or Seller. To the extent permitted by applicable law, Buyer and User agree to hold SYNGENTA and Seller harmless for any claims relating to such factors.

SYNGENTA warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, subject to the inherent risks referred to above, when used in accordance with directions under normal use conditions. To the extent permitted by applicable law: (1) this warranty does not extend to the use of the product contrary to label instructions or under conditions not reasonably foreseeable to or beyond the control of Seller or SYNGENTA, and, (2) Buyer and User assume the risk of any such use. TO THE EXTENT PERMITTED BY APPLICABLE LAW, SYNGENTA MAKES NO WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS WARRANTED BY THIS LABEL.

To the extent permitted by applicable law, in no event shall SYNGENTA be liable for any incidental, consequential or special damages resulting from the use or handling of this product. **TO THE EXTENT PERMITTED BY APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE EXCLUSIVE LIABILITY OF SYNGENTA AND SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, SHALL BE THE RETURN OF THE PURCHASE PRICE OF THE PRODUCT OR, AT THE ELECTION OF SYNGENTA OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

SYNGENTA and Seller offer this product, and Buyer and User accept it, subject to the foregoing Conditions of Sale and Limitation of Warranty and Liability, which may not be modified except by written agreement signed by a duly authorized representative of SYNGENTA.

Read entire label carefully and use only as directed.

DIRECTIONS FOR USE

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

Daconil Action must be used only in accordance with recommendations on this label or in separately published SYNGENTA supplemental labeling recommendations for this product.

DO NOT apply this product in a way that will contact workers or other persons, or pets either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS), 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval (REI). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow workers to enter treated areas during the restricted entry interval of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: long-sleeved shirt and long pants, chemical resistant gloves made of any waterproof material, shoes plus socks, protective eyewear (goggles, face shield, or safety glasses).

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AGRICULTURAL USE REQUIREMENTS *(continued)*

Special Eye Irritation Provisions: This product is a severe eye irritant. Although the restricted entry interval expires after 12 hours, for the next 6.5 days entry is permitted only when the following safety measures are provided:

(1) At least one container designed specifically for flushing eyes must be available in operating condition at the WPS required decontamination site intended for workers entering the treated area.

(2) Workers must be informed, in a manner they can understand:
- that residues in the treated area may be highly irritating to their eyes
- that they should take precautions, such as refraining from rubbing their eyes, to keep the residues out of their eyes
- that if they do get residues in their eyes, they should immediately flush their eyes using the eyeflush container that is located at the decontamination site or using other readily available clean water, and
- how to operate the eyeflush container

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

DO NOT enter or allow others to enter area until sprays have dried.

USE INFORMATION

ONLY FOR USE ON: sod farms; turf on golf courses, professional and collegiate athletic fields; and lawns around commercial and industrial buildings.

DO NOT use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle and high schools), campgrounds, churches, and theme parks.

Daconil Action is an excellent disease control agent when used according to label directions for control of a broad spectrum of turf diseases. Daconil Action couples a multiple-site contact fungicide with a systemic compound used for control and suppression of disease through induction of host plant resistance.

Daconil Action exhibits an additional unique mode of action, beyond chlorothalonil alone, which mimics the natural systemic activated resistance (SAR) response found in most plant species. This SAR response does not involve direct activity against the target pathogens.

Integrated Pest (Disease) Management

Daconil Action is recommended for use in programs that are compatible with the principles of Integrated Pest Management (IPM), which include the use of disease resistant turf varieties, cultural practices, pest scouting and disease forecasting systems, which reduce unnecessary applications of pesticides.

Daconil Action is effective for strategic use in programs that attempt to minimize disease resistance to fungicides. Some other fungicides that are at risk from disease resistance exhibit a single-site mode of fungicidal action. Daconil Action, with a multi-site mode of action, may be used to delay or prevent the development of resistance to single-site fungicides. Consult your Federal or State Cooperative Extension Service representatives for guidance on the proper use of Daconil Action in programs which seek to minimize the occurrence of disease resistance to other fungicides.

For best performance, always follow these directions:

- Daconil Action should be applied to turf foliage early, before disease symptoms become severe, and ideally prior to disease development
- Daconil Action, in addition to be a contact fungicide, moves systemically within the plant, however uniform spray coverage is essential for best performance. Apply Daconil Action by ground application in sufficient water to ensure uniform coverage. See instructions for specific recommendations.
- Daconil Action mimics the SAR response in plants. Maximum disease control is normally obtained 4 days after a Daconil Action application.

Daconil Action provides added protection against certain diseases in turf. Daconil Action provides added protection to reduce disease levels in curative applications.

GROUP **M5** **P1** FUNGICIDES

Resistance Management

Daconil Action exhibits two modes of action. With these two modes of activity, one having no direct activity on plant pathogens, the likelihood that resistance (insensitivity) will develop in the pathogens is low. Plant pathogens are known to develop tolerance to host plant resistance and to products used repeatedly for control. The use of this product conforms to sensitivity management strategies established for crops and use areas due to its two modes of activity. The use of good cultural practices and rotating to other products with different modes of activity is encouraged. Consult your local pest control advisor or extension office for details. If you experience difficulty with control, consult your local SYNGENTA representative, local agricultural extension office, or pest control advisor for the best alternative method of control. SYNGENTA encourages responsible product stewardship to ensure effective long-term disease control.

USE PRECAUTIONS AND RESTRICTIONS

ONLY FOR USE ON: sod farms; turf on golf courses, professional and collegiate athletic fields; and lawns around commercial and industrial buildings.

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle and high schools), campgrounds, churches, and theme parks.

DO NOT apply by air.

DO NOT apply through any type of irrigation system.

SPRAY DRIFT PRECAUTIONS AND RESTRICTIONS

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator and the grower are responsible for considering all these factors when making decisions.

Agricultural Use Sites Only (sod farms): This product must not be applied within 25 feet for ground applications of marine/estuarine water bodies unless there is an untreated buffer area of that width between the area to be treated and the water body.

DO NOT spray when conditions favor drift beyond the area intended for application. Conditions which may contribute to drift include thermal inversion, wind speed and direction, sprayer nozzle/pressure combinations, spray droplet size etc. Contact your State extension agent for spray drift prevention guidelines in your area.

MIXING INSTRUCTIONS

Prepare no more spray solution than is needed for the immediate spray operation. Thoroughly clean spray equipment before using this product to prevent possible crop injury or nozzle clogging problems from spray tank contamination. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray solution stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

DO NOT combine Daconil Action in the spray tank with pesticides, surfactants or fertilizers, unless your prior use has shown the combination physically compatible, effective and noninjurious under your conditions of use. DO NOT combine Daconil Action with Dipel®, Latron B-1956® or Latron AG-98®, horticultural oil, and products containing xylene as phytotoxicity may result from the combination when applied to some species on this label. A tank mix of Daconil Action with Chipco® Signature® can result in physical antagonism if not mixed properly.

Always fill the spray tank with water to near capacity first. Then, with the agitator running, slowly add the desired amount of Chipco Signature and/or other tankmix partners.

APPLICATION EQUIPMENT

DO NOT apply by air or through any type of irrigation system.

Daconil Action may be applied with most types of spray equipment commonly used for making ground applications.

For more information on spray equipment and calibration, consult sprayer equipment manufacturers and state recommendations. For specific local directions and spray schedules, consult the current state agricultural extension service recommendations.

DIRECTIONS FOR APPLICATION - TURF

ONLY FOR USE ON: sod farms; turf on golf courses, professional and collegiate athletic fields; and lawns around commercial and industrial buildings.

Do not use on home lawns and turf sites associated with apartment buildings, daycare centers, playgrounds, playfields, recreational park athletic fields, athletic fields located on or next to schools (e.g., elementary, middle and high schools), campgrounds, churches, and theme parks.

FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN TURF INJURY AND/OR POOR DISEASE CONTROL.

Ground Application

Thorough coverage is necessary to provide maximum disease control.

Apply Daconil Action in an adequate amount of water to provide complete coverage. This amount may vary from 45 to 120 gallons per acre. See table below for suggested rates and timing. Under severe disease conditions use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

DO NOT mow or water after treatment until spray deposited on turfgrass is thoroughly dry; Daconil Action should always be used in conjunction with good turf management practices.

In addition to nozzle selction for drift minimization and maximization of coverage, use a pump with capacity to (1) maintain adequate psi at nozzles, and (2) provide sufficient agitation in the tank to keep mixture in uniform suspension - this requires recirculation of 10% of tank volume per minute. Use a jet agitator liquid sparge tube for agitation. Do not air sparge.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be **16-mesh or coarser**. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzle manufacturer's recommendations.

SOD FARMS:

Apply Daconil Action in 45 to 120 gallons of water per acre. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease conditions use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

DO NOT mow or water after treatment until spray deposited on turfgrass is thoroughly dry; Daconil Action should always be used in conjunction with good turf management practices.

Restrictions:

Sod farm turf treated with chlorothalonil prior to harvest must be mechanically cut, rolled and harvested.

Do not apply more than 17.0 pints/acre (6.25 fl. ozs./1000 sq. ft.) of Daconil Action per growing season (13 lbs. chlorothalonil per acre per growing season).

The minimum re-treatment interval for single application rates **up to** 9.6 pints/acre (3.5 fl. ozs./1000 sq. ft.) of Daconil Action (7.3 lbs. chlorothalonil/acre) is 7 days.

Do not apply more than one application of a rate greater than 9.6 pints/acre (3.5 fl. ozs./1000 sq. ft.) of Daconil Action (7.3 lbs. chlorothalonil/acre) per growing season.

The maximum single application rate is 14.8 pints/acre (5.4 fl. ozs./1000 sq. ft.) of Daconil Action (11.3 lbs. chlorothalonil/acre).

GROUP A TURF:

Golf Course Fairways and Roughs, professional and collegiate athletic fields; and lawns around commercial and industrial buildings.

Apply Daconil Action in 45 to 120 gallons of water per acre. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease conditions use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

DO NOT mow or water after treatment until spray deposited on turfgrass is thoroughly dry; Daconil Action should always be used in conjunction with good turf management practices.

Restrictions:

Do not apply more than 34.1 pints/acre (12.5 fl. oz./1000 sq. ft.) of Daconil Action per growing season (26 lb. chlorothalonil/acre/growing season).

The minimum re-treatment interval for single application rates **up to** 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil/acre) is 7 days.

Do not apply more than one application of a rate greater than 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil/acre) per growing season.

The maximum single application rate is 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) of Daconil Action (11.3 lb. chlorothalonil/acre).

GROUP B TURF:

Golf Course Tees and Greens

Apply Daconil Action in 45 to 120 gallons of water per acre. Begin applications when conditions favor disease development and repeat applications as long as these conditions persist. Under severe disease conditions use the highest rate and shortest interval corresponding with the application schedule selected from the table below.

DO NOT mow or water after treatment until spray deposited on turfgrass is thoroughly dry; Daconil Action should always be used in conjunction with good turf management practices.

Restrictions:

Golf Course Tees:

Do not apply more than 68.2 pints/acre (25 fl. oz./1000 sq. ft.) of Daconil Action (52 lb. chlorothalonil/acre) per growing season.

The minimum re-treatment interval for single application rates **up to** 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil/acre) is 7 days.

The minimum re-treatment interval after an application of a rate **greater than** 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil /acre) is 14 days.

Do not apply more than two applications of a rate greater than 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil /acre) per growing season.

The maximum single application rate is 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) of Daconil Action (11.3 lb. chlorothalonil/acre).

Golf Course Greens:

Do not apply more than 95.7 pints/acre (35.1 fl. oz./1000 sq. ft.) of Daconil Action (73 lb. chlorothalonil /acre) per growing season.

The minimum re-treatment interval for single application rates **up to** 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil/acre) is 7 days

The minimum re-treatment interval after an application of a rate **greater than** 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. a.i./acre) is 14 days.

Do not apply more than two applications of a rate greater than 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) of Daconil Action (7.3 lb. chlorothalonil /acre) per growing season.

The maximum single application rate is 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) of Daconil Action (11.3 lb. chlorothalonil /acre).

Disease Table

		Pre-Disease Rates[a]			Post-Disease Rates[a]		
Diseases Controlled*	**Application Interval (Days)**	**fl. oz. product/ 1000 sq. ft.**	**pints product/ acre**	**chlorothalonil lbs/acre**	**fl. oz. product/ 1000 sq. ft.**	**pints product/ acre**	**chlorothalonil lbs/acre**
Dollar Spot	7 to 10 7 to 21 14	1.0 [b] to 2.0 2.0 to 3.5 -	2.75[b] to 5.4 5.4 to 9.6 -	2.1[b] to 4.1 4.1 to 7.3 -	- - 4.0 to 5.4	- - 10.8 to 14.8	- - 8.25 to 11.3
Leaf Spot Melting-Out Brown Blight	7 to 10 7 to 21 14	2.0 2.0 to 3.5 -	5.4 5.4 to 9.6 -	4.1 4.1 to 7.3 -	- - 4.0 to 5.4	- - 10.8 to 14.8	- - 8.25 to 11.3
Brown Patch	7 to 14 14	2.0 to 3.5 -	5.4 to 9.6 -	4.1 to 7.3 -	- 4.0 to 5.4	- 10.8 to 14.8	- 8.25 to 11.3
Gray Leaf Spot	7 to 10 14	2.0 to 3.5 -	5.4 to 9.6 -	4.1 to 7.3 -	- 4.0 to 5.4	- 10.8 to 14.8	- 8.25 to 11.3
Red Thread	7 to 10 14	2.0 to 3.5 3.6 to 5.4	5.4 to 9.6 9.7 to 14.8	4.1 to 7.3 7.4 to 11.3	- 5.4	- 14.8	- 11.3
Anthracnose	7 to 14 14	3.0 to 3.6 3.6 to 5.4	8.1 to 9.6 9.7 to 14.8	6.2 to 7.3 7.4 to 11.3	- -	- -	- -
Copper Spot	14	4.0 to 5.4	10.8 to 14.8	8.25 to 11.3	5.4	14.8	11.3
Stem Rust (Bluegrass)	14	4.0 to 5.4	10.8 to 14.8	8.25 to 11.3	5.4	14.8	11.3
Dichondra Leaf Spot (CA only)	14	4.0 to 5.4	10.8 to 14.8	8.25 to 11.3	5.4	14.8	11.3
Gray Snow Mold[c]	30	5.4	14.8	11.3	-	-	-
Fusarium (Gerlachia) Patch[c]	21 to 28	5.4	14.8	11.3	-	-	-
Algae[c]	7 to 14 14	2.0 to 3.5 -	5.4 to 9.6 -	4.1 to 7.3 -	2.0 to 3.6 4.0 to 5.4	5.4 to 9.6 10.8 to 14.8	4.1 to 7.3 8.25 to 11.3

[a]**Group A Turf:** Limit of one application per season at rates greater than 7.3 lb chlorothalonil/acre (9.6 pints/acre or 3.5 fl oz/1000 sq ft of Daconil Action.

Group B Turf: Limit of two applications per season at rates greater than 7.3 lb chlorothalonil/acre (9.6 pints/acre or 3.5 oz/1000 sq ft of Daconil Action.

[b]Low rate is not effective on intensively mowed turfgrasses such as golf course tees and greens.

[c]See specific use directions below.

*****Diseases listed are caused by fungi, some of which are named as follows:

- Dollar Spot: *Sclerotinia homeocarpa; Lanzia* or *Moellerodiscus* spp.
- Leaf Spots, Melting-Out, Brown Blight: *Drechslera* spp. (including *D. poae, D. siccans*), *Bipolaris sorokiniana, Curvularia* spp.
- Brown Patch: *Rhizoctonia solani, R. zeae, R. cerealis*
- Gray Leaf Spot: *Pyricularia grisea, P. oryzae*
- Red Thread: *Laetisaria fuciformis*
- Anthracnose: *Colletotrichum graminicola*
- Copper Spot: *Gloeocercospora sorghi*
- Stem Rust: *Puccinia graminis*
- Dichondra Leaf Spot: *Alternaria* spp.
- Gray Snow Mold: *Typhula* spp.
- Fusarium (Gerlachia) Patch
- Algae

Gray Snow Mold caused by *Typhula* spp. - Group A and B - Turf:

Apply in sufficient water to obtain adequate coverage (2 to 10 gallons per 1,000 sq ft).

Apply one application 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) of Daconil Action (11.3 lb. chlorothalonil/acre). Application must be made before snow cover in autumn.

Group B Turf: if snow cover is intermittent or lacking during the winter, a second application of Daconil Action at 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) may be applied one month after the first application.

Fusarium (Gerlachia) Patch: Group A and B Turf:

In areas where pink snow mold (Gerlachia or Fusarium patch) is likely to occur, apply Daconil Action at 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) (11.3 lb. chlorothalonil/acre) in combination with products containing iprodione at 88 oz. a.i./acre (2 oz. a.i./1000 sq ft) of turf area. Read and observe all label directions for products containing these active ingredients.

For control of Fusarium patch only in areas where snow cover is intermittent or lacking during the winter, apply 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) of Daconil Action (11.3 lb. chlorothalonil/acre). Make application in late autumn.

Group B Turf: Apply a second application of 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) of Daconil Action 21 to 28 days after the first application unless conditions favorable for Fusarium patch no longer prevail.

Algae: Group A and B Turf:

For prevention of algae on turfgrasses, apply Daconil Action at the rate of 5.4 to 9.6 pints/acre (2.0 to 3.5 fl. oz./1000 sq. ft.) (4.1 to 7.3 lb. chlorothalonil/acre) on a 7 to 14-day schedule. Under severe algae conditions use the 9.6 pints/acre (3.5 fl. oz./1000 sq. ft.) rate and apply on a 7-day schedule.

When algae is well established, every attempt should be made to dry out the afflicted area. Once dry, spiking or verticutting should be done to enhance turfgrass recovery in conjunction with a Daconil Action application at the rate of 11 to 14.8 pints/acre (4.0 to 5.4 fl. ozs./1000 sq. ft.).

Group B Turf: A second application of Daconil Action at the 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) rate may be made 14 days after the first application.

Group A and B Turf: Following application of the 14.8 pints/acre (5.4 fl. oz./1000 sq. ft.) rate, several applications of Daconil Action at a rate of 5.4 to 9.6 pints/acre (2.0 to 3.5 fl. ozs./1000 sq. ft.) (4.1 to 7.3 lb. chlorothalonil/acre) on a 7 to 14-day interval may be necessary for turfgrass recovery. Only a preventive spray program with Daconil Action will prevent a recurrence of the algae when environmental conditions are favorable.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage

Store in a cool, dry place.

Pesticide Disposal

Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

Container Handling [less than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use and disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities by burning. If burned, stay out of smoke.

Container Handling [greater than 5 gallons]

Non-refillable container. Do not reuse or refill this container. Offer for recycling if available. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Then offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

For minor spills, leaks, etc., follow all precautions indicated on this label and clean up immediately. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes. In the event of a major spill, fire, or other emergency, call 1-800-888-8372, day or night.

CONTAINER IS NOT SAFE FOR FOOD, FEED OR DRINKING WATER.

Daconil Action™ and the ALLIANCE FRAME
the SYNGENTA Logo and the PURPOSE ICON
are Trademarks of a Syngenta Group Company.

Dipel® is a registered trademark of Valent BioSciences Corporation

Latron B-1956® and Latron AG-98® are trademarks of Dow AgroSciences LLC

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For non-emergency (e.g., current product information) call
Syngenta Crop Protection at 1-800-334-9481.

Manufactured for:
Syngenta Crop Protection, LLC
P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1364A-L1 0411
343162

GROUP **M5** **P1** FUNGICIDES

Daconil Action™

Flowable Fungicide

For control of turf diseases: sod farms; turf on golf courses, professional and collegiate athletic fields; and lawns around commercial and industrial buildings.

Active Ingredients:	
Chlorothalonil (tetrachloroisophthalonitrile)*	53.94%
Acibenzolar-S-methyl: Benzo(1,2,3)thiadiazole-7-carbothioic acid-S-methyl ester**	0.11%
Other Ingredients:	45.95%
Total:	100.00%

*CAS No. 1897-45-6
**CAS No. 135158-54-2

Contains: 6.1 pounds chlorothalonil per gallon
0.012 pounds acibenzolar-S-methyl per gallon

See additional precautionary statements and directions for use inside booklet.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements in the Directions for Use section for information about this standard.

EPA Reg. No. 100-1364
EPA Est. 50534-TX-001

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Manufactured for:
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P.O. Box 18300
Greensboro, North Carolina 27419-8300

SCP 1364A-L1 0411
343162

BAR CODE # IS
(01) 0 07 02941 47068
LAST DIGIT IS CHECK DIGIT
(Barcode type: UCC/EAN 128)

2.5 gallons
Net Contents

KEEP OUT OF REACH OF CHILDREN.

WARNING/ AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

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. **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.

NOTE TO PHYSICIAN: Persons suffering with temporary allergic skin reactions may respond to treatment with oral antihistamines and topical or oral steroids.

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

HOT LINE NUMBER: For 24-Hour Medical Emergency Assistance (Human or Animal) or Chemical Emergency Assistance (Spill, Leak, Fire, or Accident), Call 1-800-888-8372.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

WARNING/AVISO

May be fatal if inhaled. Do not breathe spray mist. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear appropriate protective eyewear (goggles, face shield, or safety glasses). Harmful if swallowed. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

Environmental Hazards: This product is toxic to aquatic invertebrates and wildlife. DO NOT apply directly to water, 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.

Chlorothalonil, one of the active ingredients in Daconil Action, is known to leach through soil into groundwater under certain conditions as a result of label use. Use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Daconil Action can contaminate surface water through spray drift. Under some conditions, it may 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 over-laying 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, and areas over-laying tile drainage systems that drain to surface water.

Physical or Chemical Hazards: Do not use, pour, spill, or store near heat or open flame.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of unused pesticide, spray mixture, or rinse water is a violation of Federal law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.

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