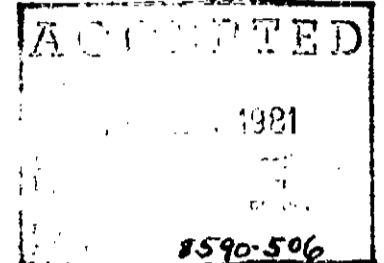


# AGWAY DIAZINON® 2G



The Contents of this package treats up to 2,500 sq. ft.  
Ready-to-use. Contains 2% Diazinon® Insecticide

ACTIVE INGREDIENT:  
O, O-diethyl O-(2-isopropyl-6-methyl-4-pyrimidinyl) phosphorothioate ..... 2.00%  
INERT INGREDIENTS: ..... 98.00%  
TOTAL ..... 100.00%

Diazinon® is the registered trademark of Ciba-Geigy Corporation.

**CAUTION:**  
**KEEP OUT OF REACH OF CHILDREN.**  
See additional caution statements on back panel.

**DIAZINON 2G KILLS:**

ANTS  
ARMYWORMS  
BERMUDA MITES  
BILLBUGS  
BROWN DOG TICKS  
CHIGGERS  
CHINCH BUGS  
CLOVER MITES  
CRICKETS  
CUTWORMS  
DIGGER WASPS  
EARWIGS

FLEAS  
LAWN MOTHS  
LEAFHOPPERS  
MILLIPEDES  
SPRINGTAILS  
SOD WEBWORMS  
SOWBUGS  
WHITE GRUBS OF  
— JAPANESE BEETLE  
— EUROPEAN CHAFER  
— SOUTHERN CHAFER

**OVERALL LAWN APPLICATION**

Agway Diazinon 2G controls the following lawn insects on both grass and dichondra lawns: Chinch bugs, Earwigs, Ants, Lawn moths (Sod webworms), Bermuda mites, Crickets, Armyworms, Brown dog ticks, Chiggers, Clover mites, Cutworms, Fleas, Leafhoppers, Sowbugs, Millipedes, Springtails (Collembola).

Apply Agway Diazinon 2G to your lawn with a fertilizer spreader at the rates shown on the side panel chart. Application should be made when grass is dry. Water lawn lightly after application. Repeat as necessary.

For application with other types of equipment, apply at the rate of 5 lbs. per 1,000 sq. ft. (an area 20' by 50') or 8 oz. per 100 sq. ft. (an area 10' by 10'). For heavy lawns such as St. Augustine lawns, application should be increased to 7.5 lbs. per 1,000 sq. ft. (or 12 oz. per 100 sq. ft.)

White grubs of Japanese beetle, European chafer, European chafer, *Ataenius spratus* (dung beetle): Apply 6 lbs. per 1,000 sq. ft. of lawn, except apply 7 lbs. per 1,000 sq. ft. for dung beetle. Water grass thoroughly after application. For billbug control, apply when activity is first observed or when chewed or brown grass indicates damage from these insects. Repeat as necessary. For grub control, except dung beetle, treat any time between late July or early October. For dung beetle grub control, apply in spring or early summer when damage is first noticed. Water grass thoroughly with 1/4 - 1/2 in. of water after application. Treat again in late summer or early fall if a second generation occurs.

**Hyperodes Weevil (New York Only):** Apply 5 lbs. per 1,000 sq. ft. of grass. Water grass thoroughly after application. Treat problem areas in mid-April and again in mid-May.

**SPOT TREATMENT**

**ANTS:** Apply one tablespoon of Agway Diazinon 2G over and around each individual ant hill

**DIGGER WASPS:** Apply one tablespoon of Agway Diazinon 2G in and around each individual ground nest opening. Make the application about dusk when the wasps are not active.

**BAND TREATMENT AROUND FOUNDATION:**

The following insects are commonly found around or near the foundation of houses as well as in the lawn. Certain of these insects may even enter the house.

Ants	Fleas
Brown dog ticks	Millipedes
Clover mites	Sowbugs
Crickets	Springtails (Collembola)
Earwigs	

For control of the above insects, apply a five-foot band of Agway Diazinon 2G next to the foundation of the house. Distribute the Agway Diazinon 2G uniformly using a rate of 8 oz. for each 5' by 20' area to be treated.

**PRECAUTIONARY STATEMENTS**

**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**CAUTION:** Avoid breathing of dust. Avoid contact with skin, eyes, and clothing. Avoid contamination of feed and foodstuffs. Wash thoroughly after handling. Harmful if swallowed. May be absorbed through skin. Treat lawns in late afternoon. Keep children and pets off treated areas until the following afternoon.

**ENVIRONMENTAL HAZARDS:** This product is toxic to fish, birds, and other wildlife. Do not apply where runoff is likely to occur. Keep out of lakes, streams, or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

**DISPOSAL:** Do not reuse this container. Wrap container and put in trash collection.

**NOTE:** The spreader settings listed below are approximate. Accurately weigh a few pounds into your spreader and apply to a measured area. Then adjust the spreader setting if necessary in order to assure correct rate of application.

**SPREADER SETTING NO. (per 1,000 sq. ft.)**

Spreader Make and Model	Insects Listed below* Grass and St. Augustine, Dichondra Lawns		White Grubs and Billbugs only 8 lbs.
	5 lbs.	7 1/2 lbs.	
Central Imperial Mark No. 1662-G	7 1/2	8 1/2	8
Central Suburbia Lawn Spreader - No. 1622-0	7 1/2	8 1/2	8
Cyclone Model B1 Rotary	6	7 1/2	6 1/2
Greenfield Model 105	8	8 1/2	8 1/2
J. C. Penney Model 6005	8 1/2	9 1/2	9
J. C. Penney Rotary Spreader	8	10	9
Scott Model 35	6 1/2	7 1/2	7
Sears Craftsman Model 671, 19198	7 1/2	9	8

\* Ants  
Armyworms  
Bermuda mites  
Brown dog ticks  
Chiggers  
Chinch bugs  
Clover mites  
Crickets  
Cutworms  
Earwigs  
Fleas  
Hyperodes weevil (New York only)  
Lawn moths (Sod webworms)  
Leafhoppers  
Millipedes  
Sowbugs  
Springtails (Collembola)

**DISCLAIMER:** Buyer assumes all risks of use, storage or handling not in strict accordance with directions given herewith.

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

EPA Reg No 8590-506

EPA Est. No. 8590-PA-1

**NET CONTENTS 12 1/2 LBS.**



AGWAY INC. - CHEMICAL DIVISION  
BOX 4933, SYRACUSE, NY 13221

**SAFETY PRECAUTIONS FOR HANDLERS**

Mixing personnel should wear protective clothing worn only one day before washing.

During seed preparation, wear gum-dipped gloves, cap and pesticide respirator approved by Mining Enf. Safety Admin. & Nat'l. Institute for Occ. Safety and Health provisions 30 CFR part 11.

Seed prep. in open drum mixers in open only, NEVER in unventilated room.

Wash hands and face before eating, smoking and after work period.

Those exposed to dust should take shower at end of day's seed operation.

Destroy or thoroughly clean all utensils used in seed preparation.

**ENVIRONMENTAL HAZARDS**

This product is toxic to fish, bird and other wildlife. Keep out of all bodies of water. Do not contaminate water when cleaning equipment or disposing of wastes. Consult local and State regulations before using for bird control. Bury excess treated seeds away from bodies of water.

**DIRECTIONS FOR USE**

It is a violation of Federal law to use this product in a manner inconsistent with the labeling. This product to be used only in accordance with directions in the enclosed bulletin which is based on U.S. Fish and Wildlife Service recommendations. Treated seed must not be used for food or animal feed or processed for oil. Treat only those seeds needed for immediate use.

**APPLICATION RESTRICTIONS**

Do not sow treated seed when large number of migratory birds are expected.

**STORAGE AND**

**DISPOSAL**

Store in sealed, dust free container. Keep storage locked and posted with Category I sign. Bury liquid waste in non-crop area away from water supplies. Do not store excess treated seed beyond planting time. **BURN EMPTY BAG \* KEEP OUT OF SMOKE**

Net contents \_\_\_\_\_ lbs.

**RESTRICTED USE PESTICIDE**

For retail sale to and use only by Certified Applicators or persons under their direct supervision, and only for those uses covered by the Certified Applicator's certification.

**ENDRIN 50-WP  
SEED PROTECTANT**

**ACTIVE INGREDIENT:**  
ENDRIN (Methoxychloro-2,4,6-trichloro-5-hydroxy-2,4,6-trimethyl-1,3,5-triazine) 50%  
**INERT INGREDIENTS** 50%  
**TOTAL** 100%

KEEP OUT OF REACH OF CHILDREN

**DANGER - POISON**



**POISONOUS IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN.**

Do not get in eyes, on skin or on clothing. Do not breathe dust. Wash thoroughly with soap and water after handling, before eating or smoking.

**IF SWALLOWED & VICTIM CONSCIOUS, NOT CONVULSING:** Give glass or two of water and induce vomiting with finger touching back of throat. Repeat until vomit fluid is clear.

**IF SWALLOWED & VICTIM UNCONSCIOUS:** Clear airway & administer C.P.R. if necessary. Do not give anything by mouth. If convulsing, hold head back with jaw forward to keep airway clear. Transport immediately to emergency facility, maintaining C.P.R. if required.

**IF INHALED:** Remove victim to fresh air & apply artificial respiration if required.

**IF ON SKIN:** Remove contamination and wash w/ soap and water.

**IF IN EYES:** Flush eyes for at least 15 min. with water.

**IN ALL CASES OF ENDRIN POISONING, MEDICAL ATTENTION MUST BE OBTAINED IMMEDIATELY OR VICTIM MAY DIE.**

**NOTE TO PHYSICIAN:** Endrin is a CNS depressant and heptotoxin. Toxic dosage causes convulsion, respiratory depression, liver damage. Impaired respiration must be supported by oxygen given by mechanical ventilation. Diazepam is useful for convulsions. Intravenous glucose and B vitamins help liver. No specific antidote. Do not give milk or vegetable oils or adrenergic agents. Excretion of endrin may take days or weeks. Activated Charcoal helps to limit GI absorption.

Packaged for: Del Norte Co. Agricultural Commissioner, Crescent City, California.

STATE REG. NO. 11000-50006-44

**Directions For the Treatment of Coniferous Tree Seed**

This Endrin is recommended for the treatment of the following list of coniferous tree seed:

- |                                 |                                      |
|---------------------------------|--------------------------------------|
| Jack Pine (Pinus banksiana)     | Red Pine (Pinus resinosa)            |
| Loblolly Pine (Pinus taeda)     | Libby Pine (Pinus taeda)             |
| Slip Pine (Pinus strobus)       | Shah Pine (Pinus strobus)            |
| Jeffrey Pine (Pinus jeffreyi)   | Engelmann Spruce (Picea engelmannii) |
| Balsam Pine (Pinus baltica)     | White Spruce (Picea canadensis)      |
| Longleaf Pine (Pinus palustris) | Western Hemlock (Tsuga heterophylla) |
| Parrot Pine (Pinus parviflora)  | Douglas-fir (Pseudotsuga taxodoides) |
| White Pine (Pinus strobus)      |                                      |

Treated and will afford protection from destruction by the following seed-eating birds and gnats of various species:

- |                              |                                      |
|------------------------------|--------------------------------------|
| RED WINGS                    | RED WINGS                            |
| Partridge                    | Jack (Junco hyemalis)                |
| Starling                     | Scrub wren (Thryomanes bewickii)     |
| Chipping sparrow             | Chickadee (Parus rufescens)          |
| Starling (Cyanospiza cyanea) | Starling (Cyanospiza cyanea)         |
| Chipping sparrow             | White wren (Troglodytes troglodytes) |
| Starling                     | Canadian Jay (Perisoreus canadensis) |

The solution of choice is Dow Latex No. 317RD which may be obtained from the Dow Chemical Company, Century City, Building 431, Midland, Michigan. Low latex contains 48 per cent solids. The latex concentrate should be diluted with 2 parts of water to give the proper concentration of solids for use. A 5-gallon drum dilutes up to 50 gallons of seed slurry. Sufficient latex for 1 gallon of diluted latex is required to treat 100 pounds of coniferous tree seed. The exact rate will vary with the size and cleanliness of the seed. Surface-dried latex should be used or after thorough wetting of the seed.

Caution instructions regarding the handling and storage of chemicals are necessary. First, do not smoke or consume alcohol while using this product. Do not get on your face, hair, or clothes. Do not breathe dust. Do not get on your skin or clothing. Do not breathe dust. Wash thoroughly with soap and water after handling, before eating or smoking.

Endrin 50-WP Seed Protectant is to be used at the rate of 1 pound to 100 pounds of seed. In other words, the seed is treated with 0.5 per cent Endrin active ingredient as related to the weight of the seed. Endrin is extremely toxic and should be handled with caution. Use a dust respirator and rubber gloves when weighing and mixing the product.

Endrin 75 (a commercial brand of Thiram) is employed in the formulation to increase the contact efficiency of the seed treatment. It is, at best, merely a contact Thiram compound to have had sufficient Endrin 75 to a 75 per cent wettable powder of wettable Thiram through. Thiram tends to form a protective film on the seed surface which will prevent the Endrin from penetrating the seed. The amount of Thiram should be adjusted with the particular commercial formulation. The brand Endrin 75 is the subject of the commercial formulation that have been tested in this. Endrin 75 is in the form of a 75 per cent wettable powder to 100 pounds of coniferous tree seed. The amount is a 2 per cent concentration of the active ingredient Thiram.

A fourth ingredient is aluminum powder which may be obtained at any paint store. The metallic powder is used as an extender on the seed and to produce a white coating which has been shown to increase seedling emergence. The aluminum powder also prevents caking of the seed at the mouth of the delivery container.

The mixing equipment of choice is a 2 1/2 to 3-gallon dust contact mixer. Use no more than 25 pounds of seed in a single run. While the seed is in motion in the mixer, add the diluted latex to a new water mixture (by 10 parts) to give a thorough wetting of the seed. Immediately thereafter, add the Endrin and Thiram granules (both approximately 1/2 lb each) from the mixer only long enough to insure an even coating and then add about 1/2 pound of aluminum powder. The entire mixing time for the batch should not exceed 3 to 4 minutes. Do not attempt to mix seed for longer periods as the seed will be "matted" off. Operate weighing the seed should wear a dust respirator and rubber gloves.

Remove the seed from the mixer and spread on paper in layers not to exceed 1-inch deep for drying. After an hour or so, depending upon local humidity, the seed can be returned to drums or bags. Containers should bear a suitable precautionary tag or label.

If there is some interruption in the seed program so that the seed is not used within a few days after preparation, it should be returned to the manufacturer's conditions from which it was received and kept there until just before planting. Endrin granules, in particular, must not be returned from cold storage and exposed to warm temperatures for more than a few days prior to planting.

The chemically treated seed is poisonous. If it is to be first planted by the grower, the seed should be handled with care and kept in a safe place. In all cases the seed should be handled and stored in a safe place with no children, animals and inaccessible people.