



ACTIVE INGREDIENTS:  
Chlorpyrifos 0.0425% (3.5 E inch lbs 2 cyndls)  
phosphoric acid  
Ammonium polyphosphate  
ANTI-CLOGGING AGENT

22.47L  
2.21gal  
5.3L

\* TRADEMARK OF DOW CHEMICAL COMPANY

**KEEP OUT OF REACH OF CHILDREN**

**WARNING**

See Back Panel for Precautionary Statements

**DIRECTIONS FOR USE**

IT IS A VIOLATION OF FEDERAL LAW TO USE THIS PRODUCT IN A MANNER INCONSISTENT WITH ITS LABEL. READ AND FOLLOW COMPLETE DIRECTIONS FOR USE AND OTHER INFORMATION PROVIDED ON THE BACK ATTACHED TO THIS CONTAINER.

**STORAGE & DISPOSAL**

Pesticide spray residue or rinse water that cannot be used according to label instructions must be disposed of according to applicable Federal, state, or local procedures.  
DO NOT REUSE CONTAINER. THIS CONTAINER MUST BE RECYCLED, OR PUNCTURED AND DISPOSED OF ACCORDING TO STATE AND LOCAL REGULATIONS.

EPA REGISTRATION NO. 3513B-51

EPA EST. 3513B-451

NET CONTENTS ONE GALLON

**WARNING**  
**PRECAUTIONARY STATEMENTS**  
**HAZARD TO HUMANS**

MAY BE FATAL IF SWALLOWED. MAY BE ABSORBED THROUGH SKIN. MAY BE INJURIOUS TO EYES AND SKIN. Do not take internally. Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing before reuse. Flush contaminated yes with plenty of water and get PECO/PPI medical attention. Avoid breathing vapors and play mist. Avoid spraying food crops. Keep away from food, feedstuffs, and domestic water supplies. Keep container closed. Handle concentrate in a ventilated area.

**STATEMENT OF PRACTICAL TREATMENT**

**IF SWALLOWED:** Do not induce vomiting. Call a physician immediately.  
**IF ON SKIN:** In case of contact remove contaminated clothing and immediately wash skin with soap and water.

**IF IN EYES:** Flush eyes with plenty of water for 15 minutes. Call a physician.

**NOTE TO PHYSICIAN:** Chlorsulfuron is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

**PHYSICAL OR CHEMICAL HAZARDS**  
**COMBUSTIBLE**

Do Not Use or Store Near Heat or Open Flame. Do Not Cut or Weld Container. See Booklet for Other Important Precautionary Statements.

**ENVIRONMENTAL HAZARDS**

Durshan 2E is toxic to fish, birds and other wild life. Do not apply directly to lakes, streams and ponds. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

This product is highly toxic to bees exposed to direct treatment or residues on plants. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Manufactured by: **WINCO CHEMICAL COMPANY, INC**  
P.O. BOX 10692 JACKSON, MISSISSIPPI 39208

# COMBAT DURSBAN® 2E INSECTICIDE

CONTROLS NUMEROUS PESTS OF HOUSEHOLD, TURF AND ORNAMENTAL PLANTS. ALSO RECOMMENDED FOR MOSQUITO CONTROL AND AS A CONTROL OF Ticks AND ENTHUS.

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF STATE, COUNTY, TERRITORIAL, PUBLIC HEALTH ORGANIZATIONS, AND MUNICIPAL AUTHORITIES AND OTHER INSPECTORS THROUGH AN INSECTICIDE CONTROL PROGRAM.

EPA REGISTRATION NO. 35138-51

EPA EST. 54188-1

\* TRADEMARK OF DOW CHEMICAL COMPANY, INC.

PARA AVISAR AL USUARIO: Se basó en las Ingles. no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

TRANSLATION (TO THE USER): If you cannot read English, do not use this product until the label has been fully explained to you.

**KEEP OUT OF REACH OF CHILDREN**

## WARNING PRECAUTIONARY STATEMENTS DIRECTIONS FOR USE:

### Hazards to Humans

MAY BE FATAL IF SWALLOWED

MAY BE ABSORBED THROUGH SKIN

MAY BE INJURIOUS TO EYES AND SKIN

Do not take internally. Do not eat or drink or smoke. Wash thoroughly after handling. Wear water-based clothing before reuse. Avoid contact with eyes and skin. Do not breathe dust or vapors and avoid getting them on your skin. Avoid prolonged exposure. Keep away from food, drink and eating areas. Do not eat or drink in treated areas.

### STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Do not induce vomiting. Contains irritants, particularly solvent. Call physician immediately.

IF ON SKIN: In case of contact remove contaminated clothing and immediately wash skin with soap and water.

IF IN EYES: Flush eyes with plenty of water for 15 minutes. Call physician.

NOTE TO PHYSICIAN: Dose, route of administration unknown. Treat symptomatically. Analyses may be requested as an aid.

### PHYSICAL OR CHEMICAL HAZARDS

#### COMBUSTIBLE

DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME

DO NOT CUT OR WELD CONTAINED.

### ENVIRONMENTAL HAZARDS

This product is highly toxic if exposed to direct treatment on certain surfaces. Reuse of reusable items must be obtained from your Cooperative Pest Control & Extension Service. DURSBAN 2E is toxic to fish, birds and other wildlife. Keep out of lakes, streams, ponds, reservoirs and estuaries. Sheds and stalls may be killed and application rates reduced based on the label. Disposal of treated materials are important resources. Do not apply where other chemicals have drift from one to another. Disposal may be subject to zoning of equipment, or disposal of wastes.

### USE DIRECTIONS PESTS OUT-OF-DOORS

GENERAL INFORMATION: Use DURSBAN 2E insecticide for control of certain pests on treated surfaces of buildings and on lawns and ornamental plantings. For control of ticks and chiggers, read the instructions under "Use of the following directions for passage and application" and follow the parts listed.

PESTS ON OUTSIDE SURFACES OF BUILDINGS: Use 10% insecticide solution by volume in a spray tank containing 14% water. Treat surfaces below decks, eaves, mosquito screens, windows, doors, flower beds, patios, garages, refuse dumps and other areas where these pests congregate or have been seen. Do not treat or allow the spray to contact plants, flowers, flowering plants, shrubs, trees, evergreens, etc. Avoid drift onto eyes. Re-treatment as needed for continued effectiveness.

ZOYSIA LAWNS: Check for damage reports as a warning and first treatment. Do not let the plant grow from the grass blades and leaves only. Do not let the frost melt in the lawn. Do not let the grass dry out before spraying. Preventative sprays may be applied starting May 1st, repeated at June 15th and July 1st. If damage occurs in unseeded areas that immediately had plan on a second treatment within 30 to 45 days.

### USE RATE & DILUTION TABLE FOR ORNAMENTAL TURF

AREA SQ. FT.	AMT. CHEMICAL	USE HOSE END SPRAYER, DILUTE WITH WATER TO GIVE:	
		1 pt.	10 gal.
1,000 sq. ft.	3 lbsp.	3 pt.	30 gal.
5,000 sq. ft.	15 lbsp.	15 pt.	150 gal.
10,000 sq. ft.	1 pt.	1 pt.	10 gal.

Note: 1 level spoonful (1/2 oz.) of product are not enough for this treatment.

**BLUEGRASS LAWNS:** Snail larvae are capable of destroying large areas of turf. New worms appear in late April and early May with successive generations hatching each month through August. For this reason, it is wise to plan on 3 applications spaced 10 to 14 days apart starting May 1st. Apply to the turf early or late in the day when worms are at their most active. Control any larvae, cutworms or grasshoppers present. Before spraying, turf should be free of foliage some marsh which encroaching insects. Rake the lawn and remove the debris to expose more feeding places. Water the lawn and cut to a height of 2 to 2 1/2 inches.

**PESTS OF ORNAMENTALS:** Use DURSBAN insecticide to control aphids, whiteflies, grasshoppers, leafhoppers, mealybugs, scales, spittlebugs, thrips (especially), and adelids on flowers, fruit trees, shrubs, shade and landscaping trees and evergreens found to be infested with these pests. Dose COMBAT LIQUID 24 granules to 1000 square feet according to dosing directions and apply using suitable hand or power spraying equipment in accordance with directions. Sprinkle and uniform coverage of infested plants. Avoid over spraying to the point of run-off/flood. Re-treat when new damage appears at 7 to 10 day intervals, if needed. NOTE: Do not use on annual, camera-preserved, rose bushes or any other bushes which may be injurious to those plants.

To control begonias, grasshoppers, mites, aphids, whiteflies, and thrips, mix 1 pt. of product with 1 pt. of water in 100 gallons of water. For cutworms, thrip control, aphids, etc., use 1 pt. of product with 1 pt. of water in 100 gallons.

**AREA CONTROL OF TICKS AND CHIGGERS:** Use DURSBAN 2E (mg/g) to control ticks and chiggers infesting non-crop areas such as pastures, footpaths and trails, ponds and certain trees, parks and other non-cultivated areas where these pests are present and create a nuisance or possible public health problem. Apply DURSBAN 2E in spray at the rate of 1 pt. per acre (equivalent to 1 lb. of 20% 700 sq. ft. using a hydrate sprayer, or mist applicator, backpack sprayer, or other suitable hand or power spray equipment). Treat low under brush, grassy areas, weeds, and ground surface and debris young enough, tightly, so as to obtain thorough coverage, usually 40 to 100 sq. ft. per acre.

**ATTENTION (Area Control of Ticks and Chiggers):** Do not allow public use of treated areas during application or until spray has dried.

**IMPORTANT FIRE ANT:** To avoid oil-polluted contaminated baited ant traps and unnecessary work. Use DURSBAN 2E to completely treat areas around ant nests or mounds of these plants by completely submerging the tail of spot in a tank containing DURSBAN 2E, diluted at the rate of 1 pt. of per 100 gallons of water. Do not remove bait traps or plastic containers until clean have been achieved. Reapply and submerge until complete saturation has occurred, usually about 30 seconds. Do not let the ants touch the bait traps during this operation.

**TREATMENT OF FIRE ANT MOUNDS:** Apply DURSBAN 2E as directed above but the rate of 1 pt. of per 100 gallons of water. Completely spray a total of 1 gallon of the diluted solution over the surface of each mound using a sprayer can. Thoroughly wet mound and surrounding area to a 6 ft. diameter (112 sq. ft.). For best results apply in cool weather, 65-80°F, or in early morning or late evening hours. Treat new mounds as they appear. This control spray may disturb the ants and cause migration, reducing product effectiveness.



3-30-85

CHW:b

# COMBAT DURSBAN® 2E INSECTICIDE

CONTINUOUSLY MONITORED BY THE PEST CONTROL, PUBLIC HEALTH AND ENVIRONMENTAL PROTECTION ACT RECOMMENDED FOR

MOSCQUITO CONTROL AND ASPECTS OF PESTS OF HUMANS AND CHILDREN.

TO BE APPLIED ONLY BY OR UNDER THE SUPERVISION OF PEST CONTROL OPERATORS, PUBLIC HEALTH ORGANIZATIONS, MOBILIZED AGENTMENT UNITS, AND OTHER INSTITUTIONS INVOLVED IN SERVICE-LEVEL CONTROL FOR CHILDREN'S PROGRAMS.

EPA REGISTRATION NO. 35136-1

EPA EST. 35136-MS-1

TRADEMARK OF DOW CHEMICAL COMPANY, INC.

PRECACIONAL INSTRUCTIONS: Read all label before using this product. Use only as directed in the label. If you do not understand the label, do not use this product until the label has been fully explained to you.

KEEP OUT OF REACH OF CHILDREN

## WARNING PRECAUTIONARY STATEMENTS DIRECTIONS FOR USE:

### Hazards to Humans

**MAY BE FATAL IF SWALLOWED**

**MAY BE ABSORBED THROUGH SKIN**

**MAY BE IRITATING TO EYES AND SKIN**

Do not eat internally. Do not get in eyes or on skin. Wash thoroughly after handling. Wash contaminated clothing before reuse. Avoid contact with eyes or mouth of children and pets. If INGESTION: Call a physician or poison control center. Avoid breathing vapors and spray. If INHALATION: Remove person to fresh air. If IN EYES: Rinse eyes with plenty of water for 15 minutes. Get medical aid.

### STATEMENT OF PRACTICAL TREATMENT

**IF SWALLOWED:** Do not induce vomiting. Contact domestic poison control center or physician immediately.  
**IF ON SKIN:** If contact between insecticide and skin and immediately wash skin with soap and water.  
**IF IN EYES:** Flush eyes with plenty of water for 15 minutes. Get medical aid.

**NOTE TO PHYSICIAN:** This product is a chlorinated organophosphate. Treat symptomatically. Administer only by injection as directed.

### PHYSICAL OR CHEMICAL HAZARDS

**COMBUSTIBLE**

**DO NOT USE OR STORE NEAR HEAT OR OPEN FLAME**

**DO NOT CUT OR WELD CONTAINER**

### ENVIRONMENTAL HAZARDS

This product is highly toxic to birds, mammals, insects and plants. Further information may be obtained from your Dow Chemical Company Technical Service.

DURSBAN 2E is toxic to fish and other aquatic life. Keep off lakes, streams, ponds, ditches and marshes. Shrimp and crabs may be killed. Always use rates recommended on this label. Do not apply when there are aquatic resources. Do not apply when weather conditions favor drift from one location to another. Do not contaminate water by rinsing of equipment or disposal of wastes.

### USE DIRECTIONS PESTS OUT-OF-DOORS

**GENERAL INFORMATION:** Use DURSBAN 2E according to control of certain pests on outside surfaces of buildings and on lawns and ornamental plantings, not trees, shrubs, evergreens and/or non-woody ornamentals. Consult the following directions for specific treatments. Directions for control of pests are listed.

**PESTS ON EXTERIOR SURFACES OF BUILDINGS:** Use DURSBAN 2E at a rate of 1 fluid ounce per one gallon of water (0.5% dilution) against house flies, cockroaches, crickets, earwigs, fleas, fire ants, gnats, maggots, mosquitoes, spiders and ticks by application as a residual spray or with a pump truck to outside surfaces of buildings including porches, screen doors, eaves, frames, clothes, porches, garages, refuse dumps and other areas where these pests congregate or have been found. Do not beat or shake the spray to contact plants (leaves, flowering plants, shrubs, trees, evergreens, etc.) because this causes dust to fly off which is detrimental to maintain effectiveness.

**POISONOUS PLANTS:** When DURSBAN 2E is applied to a following list of plants, the spray will kill the plant pieces from the grass blades through about 1/2" of the leaf surface of each plant. Monitor 1/2" in height and the blossoms removed before spraying. These treatments may be applied starting May 1st, repeated at June 15th and finally on August 1st if damage occurs in susceptible areas. Do not reapply and/or treat again between a 10 to 45 days.

**USE RATE & DILUTION TABLE FOR ORNAMENTAL TURF**

AREA IN FT. <sup>2</sup>	ANT. CHEMICAL	USE HOSE END SPRAYER, DRYER WITH WATER TO GIVE:
5,000 sq. ft.	1 qt.	36-48
50,000 sq. ft.	1 qt. + 1 qt.	15-30 gal.
100,000 sq. ft.	1 gal.	30-60 gal.

Groups 1, 2, and 3 will receive a 6-month course of well-advised first-line treatment.

**BLUESPOTTING** Squash bugs are capable of flying long distances ahead of frost. New worms appear in late April and early May with successive generations flying back north through August. For this reason, it is wise to plant on 3 applications applied 30-40 days apart starting May 1st. Apply to the last leaf of life in the day after worms are hatched. This new spray will kill the cotyledons leaving the young worms to pupate pronto. Before spraying, test should be free of the ultimate hatch which occurs in mid-June. Barely shear and expose the stems to expose insect feeding points. Water the team and cut to a height of 2 to 2½ inches.

**PESTS OF ORNAMENTALS:** Use Durban insecticide to control butterflies, cutworms, grasshoppers, leafhoppers, mealybugs, moths, aphidlings, Briggs (Drosophilid), and whiteflies on flowers, shrubs, vines, shade and flowering trees and evergreens found to be infested with these pests. Dose COMBAT DURBAN insecticide with water according to following directions and spray using suitable hand or power sprayer equipment in a manner to provide complete and uniform coverage of infested plants. Avoid overspraying to the point of excess run-off. Treat entire plant surface and repeat at 7 to 10 day intervals if needed. NOTE: Do not use on azaleas, camellias, poinsettias, rose bushes or violets/tulips because of possible injury to these ornamentals.

To control bugs (ants, grasshoppers, beetles, etc.) mix 1 drop of 2-penetrol or 1 gal. in 100 gallons of water. For cutworms, mealybugs, leafhoppers, thrips (especially) use 2 drops per 3 gallons or 1 qt. in 100 gallons.

**AREA CONTROL OF TICKS AND CHIGGERS.** Use Deltamethrin 2E insecticide to control ticks and chiggers infesting non-cropland areas such as roadsides, lawns and trails, parks and campgrounds, parks and other recreational areas where these pests are present and create a nuisance or pose a possible public health problem. Apply Deltamethrin 2E in water at the rate of 1 percent active (equivalent to 1 fl. oz. per 2,700 sq. ft.) using a hydraulic sprayer, or mist gun, backpack sprayer, or other suitable hand or power spray equipment. Irrigate the underneath of grassy areas, streams, and ground surface and debris using irrigation water. Re-treat infested areas every 40 to 60 days, as needed.

**ATTENTION (Area Control of Ticks and Chiggers):** Do not allow public use of treated areas during application or until fully dry.

**IMPORTANT LINE ANT** Treatment of ground cover, annual and bi-annual seedlings and nursery stock. Use DURASAN 2/E to control ground line ants in seedbeds up to roots of these plants by completely saturating the top 6 inches of soil in a tank containing DURASAN 2/E at a rate of 1 fl. oz. per 100 gallons of water. Do not release bait or trap in plastic containers with drain holes; plastic containers may trap and kill ant colonies until complete saturation has occurred. Normally about 30 seconds. **Wet foliage**: 3 gals. per 100 gal. spray solution.

**TREATMENT OF FIRE ANT MOUNDS:** Apply DURVANATE as a thin mist spray of the rate of 1 lb. or 140 cu. ft. per 2 gallons of water. Gently, sprinkle a total of 1 gallon of the diluted solution over the surface of each mound using a sprayer can thoroughly wet-rose and surrounding area to 4-6 ft. diameter (12 sq. ft.). For best results apply in cool weather, 65-80°F., or in early morning or late evening hours. Do not mound as they appear. The spray and spray may distract the ants and cause migration, reducing product effectiveness.

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35138-51

Combat Durban 2E

Wynco Chemical Co., Inc.  
P.O. Box 10692  
Jackson, MS 39209

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(A) provided that you:

1. Submit and/or cite all data required for registration/reregistration of your product under FIFRA sec. 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
2. Add the phrase "EPA Registration No. 35138-51" to your label before you release the product for shipment.
3. Submit five (5) copies of your final printed labeling before you release the product for shipment. Refer to the A-79 Enclosure for a further description of final printed labeling.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA sec. 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Jay S. Ellenberger  
Product Manager (12)  
Insecticide-Rodenticide Branch  
Registration Division (79-767)

Enclosures