

PM 19 8660-152 5/9/97 page 1 of 2

VERTAGREEN® TURF FOOD WITH DURSBAN® 20-5-10

Not for use on turf being grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

For Use on Golf Courses, Commercial Turf and Home Lawns.
 Positive, Insect Control! 4-1-2 Formula Deep Greening, Long Lasting!
 Insect Control for Both Northern and Southern Lawns
 For Control of Turfgrass Insects, Fire Ants,
 Deer Ticks. For insect control around the
 Outside of Home Foundations
 and in Containerized Plants.

ACTIVE INGREDIENT:

Chlorpyrifos [O,O-Diethyl O-(3,5,6-trichloro-2-pyridyl) phosphorothioate] 0.42%

INERT INGREDIENTS 99.58%
TOTAL 100.00%

Dursban® - Registered Trademark of DowElanco U.S. Patent No. 3,244,586

**KEEP OUT OF REACH OF CHILDREN
 CAUTION**

READ ALL DIRECTIONS BEFORE USING

SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS

ABOUT VERTAGREEN® TURF FOOD WITH DURSBAN®

The 4-1-2 ratio of primary nutrients plus Dursban insecticide in Vertagreen Turf Food With Dursban is recommended by professionals. Turf research finds this is the approximate rate of nutrients used by turfgrasses. It contains a combination of quick-acting and long-lasting nitrogen which makes application every 6-8 weeks sufficient under normal circumstances. The Dursban insecticide is recommended for the control of the following insects when applied as directed. Ants, Armyworms, Chinch Bugs, Crickets, Cutworms, Earwigs, Sod Webworms, and Sow Bugs, Fire Ants, Deer Ticks, White Grubs.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep away from food-stuffs and domestic water supplies. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Contact a physician. **IF ON SKIN:** Wash thoroughly with soap and water. **IF IN EYES:** Flush eyes with plenty of water. If irritation persists, call a physician. **IF INHALED:** Remove victim to fresh air. Call a physician. **NOTE TO PHYSICIAN:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For use on golf courses, commercial and home lawns. A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 sq.ft. per growing season. When used as directed this product will supplement your regular fertilizer program by providing XX (will vary with fertilizer analysis) lb. of (N) nitrogen per 1,000 sq.ft.

FIRE ANT CONTROL

For the control of Imported Fire Ants by individual ant mound treatment apply 9 level tablespoonfuls (1 1/2 ounce) of granules evenly in a circle around the outer edges (1 to 2 feet from center) of mounds measuring from 3 to 12 inches in diameter. Finish the treatment then by applying 5 level tablespoonfuls (3/4 ounce) sprinkled over the center of the mound. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide treated area. Apply the granules when Imported Fire Ants have become a nuisance and repeat as needed but not more than once a month.

DEER TICK CONTROL

(A Vector of Lyme Disease)

For control of ticks infesting areas around the outside of homes, in yard areas, along footpaths, and other areas of turf or vegetation frequented by humans and pets apply at the rate of 5.3 lbs. per 1,000 sq.ft. When working or playing out of doors in suspect areas protect against ticks by tucking pants into socks to avoid tick bites. An insect repellent sprayed onto lower legs and socks should give additional protection from possible bites. Wearing light colored pants and socks will aid in spotting ticks that may attach during this application. Treat perimeter of house and yard by applying under shrubbery, in and around ground cover, and around and under patios. Treat edges or perimeter of yard area where grass and other ground cover plants exist and other areas that appear likely to serve as harborage sites for ticks that have removed themselves from their host. Prior to and following treatment, weeds and high grass should be kept trimmed to reduce tick harborage sites. Rodents can serve as hosts for ticks. Rock piles, wood piles

apply in Mid-April and again in Mid-May at the same rate. Consult your Agricultural Extension Service for the best time to treat in your area. Keep children and pets off treated area until grass is dry.

**EUROPEAN CRANE FLY LARVAE
 (Leather jackets)**

For specific control of the Crane Fly Larvae feeding in western states turfgrass, apply 8.25 lbs. to cover 1,000 sq.ft. The larvae will also be controlled simultaneously when an application rate for Grubs (10.6 lbs./1,000 sq.ft.) has been made. Consult your Ag. Extension Service for the best time to treat in your area. Keep children and pets off treated area until granules have been washed into soil and the grass is dry.

SPREADER INSTRUCTIONS

The following spreader settings are for use with new equipment. Always calibrate your spreader before applying product. Actual application rates will depend on the spreader's condition with regard to age and use, your walking speed and the evenness of the terrain, your spreading equipment will require adjustments. To calibrate, test apply by placing the amount for 500 sq.ft. into your spreader and apply to a pre-measured 500 sq.ft. area then adjust according to your spreader manual.

SPREADER SETTINGS		
SPREADER	5.3 #/1,000	10.6 #/1,000
SPYKER PRO	4 to 5	6 to 7
SCOTTS R7X	H	I to J
LESCO B'CAST	H	I to J
PRIZE CB-85	5 to 6	7 to 8
CBT-85	5 to 6	7 to 8
CYCLONE PRO	4.5 to 5.0	6 to 7

**INSECT CONTROL IN TURFGRASS
 AREAS ADJACENT TO HOME FOUNDATION**

For control of insect pests that may gain entrance to the home this product may be applied as a 5 foot band to turfgrass areas adjacent to the home foundation at the rate of 5.3 lbs. per 200 linear feet (5 ft. by 200 ft.) for Ants, Centipedes, Cockroaches, Crickets, Earwigs, Fleas, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, and Ticks. Apply when insect have become troublesome or before they cause problems in the spring or early fall. Repeat as needed for control. Do not allow children or pets on treated area until granules have been washed off grass and turf is dry. May be applied with lawn spreader

**INSECT CONTROL IN CONTAINERIZED
 AND/OR POTTED PLANTS**

For control of Imported Fire Ants, Ants, Armyworms, Beetles, Boxelder Bugs, Cutworms, Sowbugs, Springtails, and other similar insect pests in containers and pots apply to the soil surface of containerized plants. For best insect control and to activate the plant food, lightly water and mix granules with soil surface.

POT SIZE	AMOUNT TO APPLY
4 inch	1/3 oz. = 1 1/2 tblsp.
6 inch	1/2 oz. = 2 tblsp.
8 inch	2/3 oz. = 3 tblsp.
10 inch	1 oz. = 4 tblsp.
12 inch	2 oz. = 12 tblsp.

GUARANTEED FERTILIZER ANALYSIS

NITROGEN (N) variable %
 UREA (N) variable %
 AMMONIATED NITROGEN variable %
 AVAILABLE PHOSPHORIC ACID (P2O5) variable %
 SOLUBLE POTASH (K2O) variable %
 Derived from Urea, Ammoniated Phosphate,
 Muriate of Potash. Potential acidity = ___ lbs.
 Calcium Carbonate per ton.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. In proper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by the user 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.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED.

The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture

INERT INGREDIENTS

99.58%
TOTAL 100.00%

Dursban® - Registered Trademark of DowElanco U.S. Patent No. 3,244,586

KEEP OUT OF REACH OF CHILDREN CAUTION

READ ALL DIRECTIONS BEFORE USING
SEE BACK PANEL FOR ADDITIONAL PRECAUTIONS
ABOUT VERTAGREEN® TURF FOOD WITH DURSBAN®

The 4-1-2 ratio of primary nutrients plus Dursban insecticide in Vertagreen Turf Food With Dursban is recommended by professionals. Turf research finds this is the approximate rate of nutrients used by turfgrasses. It contains a combination of quick-acting and long-lasting nitrogen which makes application every 6-8 weeks sufficient under normal circumstances. The Dursban insecticide is recommended for the control of the following insects when applied as directed. Ants, Armyworms, Chinch Bugs, Crickets, Cutworms, Earwigs, Sod Webworms, and Sow Bugs, Fire Ants, Deer Ticks, White Grubs.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: May be harmful if swallowed. Avoid contact with eyes, skin, or clothing. Avoid breathing dust. Wash thoroughly after handling. Keep away from foodstuffs and domestic water supplies. Keep children and pets off treated areas until this material is washed into the soil and grass is dry.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Contact a physician. **IF ON SKIN:** Wash thoroughly with soap and water. **IF IN EYES:** Flush eyes with plenty of water. If irritation persists, call a physician. **IF INHALED:** Remove victim to fresh air. Call a physician. **NOTE TO PHYSICIAN:** Active ingredient is a cholinesterase inhibitor. Treat symptomatically. Atropine only by injection is an antidote.

ENVIRONMENTAL HAZARDS

This product is toxic to birds, fish, and aquatic invertebrates. Birds feeding in treated areas may be killed. Clean up spilled product to reduce exposure to wildlife. For terrestrial uses, do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For use on golf courses, commercial and home lawns. A lawn typically will utilize 1 to 4 pounds of nitrogen per 1,000 sq.ft. per growing season. When used as directed this product will supplement your regular fertilizer program by providing XX (will vary with fertilizer analysis) lb. of (N) nitrogen per 1,000 sq.ft.

FIRE ANT CONTROL

For the control of Imported Fire Ants by individual ant mound treatment apply 9 level tablespoons (1 1/2 ounce) of granules evenly in a circle around the outer edges (1 to 2 feet from center) of mounds measuring from 3 to 12 inches in diameter. Finish the treatment then by applying 5 level tablespoons (3/4 ounce) sprinkled over the center of the mound. Best results will be obtained if mound is not disturbed after treatment thus allowing ants to come and go and to be exposed to the insecticide treated area. Apply the granules when Imported Fire Ants have become a nuisance and repeat as needed but not more than once a month.

DEER TICK CONTROL (A Vector of Lyme Disease)

For control of ticks infesting areas around the outside of homes, in yard areas, along footpaths, and other areas of turf or vegetation frequented by humans and pets apply at the rate of 5.3 lbs. per 1,000 sq.ft. When working or playing out of doors in suspect areas protect against ticks by tucking pants into socks to avoid tick bites. An insect repellent sprayed onto lower legs and socks should give additional protection from possible bites. Wearing light colored pants and socks will aid in spotting ticks that may attach during this application. Treat perimeter of house and yard by applying under shrubbery, in and around ground cover, and around and under patios. Treat edges or perimeter of yard area where grass and other ground cover plants exist and other areas that appear likely to serve as harborage sites for ticks that have removed themselves from their host. Prior to and following treatment, weeds and high grass should be kept trimmed to reduce tick harborage sites. Rodents can serve as hosts for ticks. Rock piles, wood piles, and other rodent habitats should be removed or reduced. For key months for deer tick control in your geographic area, contact your local extension service. Do not allow use of the area until treatment has been completed.

TURF INSECT CONTROL SURFACE INSECTS

For control of Chinch Bugs, Sod Webworms (Lawn Moth), Ants, Armyworms, Brown Dog Ticks, Crickets, Cutworms, Earwigs, Sowbugs, Fleas, and Mole Crickets apply 5.3 lbs. uniformly to cover 1,000 sq. ft. of turf. Refer to Spreader Settings. Treat in the spring or when insects first appear troublesome and repeat as needed for control. The watering-in of the insecticide is not required for control of surface insects.

ROOT FEEDING INSECTS

For control of Mole Crickets, Billbug larvae and the "White Grub" larvae of Japanese Beetle, European Chafer, Southern Chafer and Hyperodes Weevil apply 10.6 pounds to treat 1,000 sq. ft. of lawn. Apply granules uniformly over the area and follow with a thorough watering to wash the insecticide into the soil. For best results treat when grubs are young and actively feeding near the soil surface which is usually in late July and early August. For Hyperodes (Turfgrass) Weevils

SPREADER SETTINGS

SPREADER	5.3 #/1,000	10.6 #/1,000
SPYKER PRO	4 to 5	6 to 7
SCOTTS R7X	H	1 to J
LESCO B'CAST	H	1 to J
PRIZE CB-85	5 to 6	7 to 8
CBT-85	5 to 6	7 to 8
CYCLONE PRO	4.5 to 5.0	6 to 7

INSECT CONTROL IN TURFGRASS AREAS ADJACENT TO HOME FOUNDATION

For control of insect pests that may gain entrance to the home this product may be applied as a 5 foot band to turfgrass areas adjacent to the home foundation at the rate of 5.3 lbs. per 200 linear feet (5 ft. by 200 ft.) for Ants, Centipedes, Cockroaches, Crickets, Earwigs, Fleas, Scorpions, Silverfish, Sowbugs, Spiders, Springtails, and Ticks. Apply when insect have become troublesome or before they cause problems in the spring or early fall. Repeat as needed for control. Do not allow children or pets on treated area until granules have been washed off grass and turf is dry. May be applied with lawn spreader

INSECT CONTROL IN CONTAINERIZED AND/OR POTTED PLANTS

For control of Imported Fire Ants, Ants, Armyworms, Beetles, Boxelder Bugs, Cutworms, Sowbugs, Springtails, and other similar insect pests in containers and pots apply to the soil surface of containerized plants. For best insect control and to activate the plant food, lightly water and mix granules with soil surface.

POT SIZE	AMOUNT TO APPLY
4 inch	1/3 oz. = 1 1/2 tblsp.
6 inch	1/2 oz. = 2 tblsp.
8 inch	2/3 oz. = 3 tblsp.
10 inch	1 oz. = 4 tblsp.
12 inch	2 oz. = 12 tblsp.

GUARANTEED FERTILIZER ANALYSIS

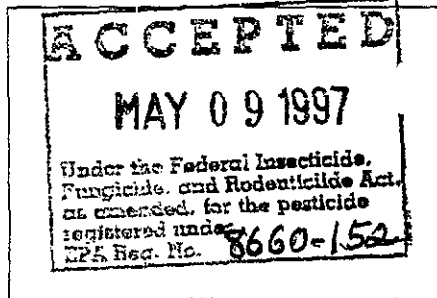
NITROGEN (N) variable %
 UREA (N) variable %
 AMMONIATED NITROGEN variable %
 AVAILABLE PHOSPHORIC ACID (P2O5) variable %
 SOLUBLE POTASH (K2O) variable %
 Derived from Urea, Ammoniated Phosphate,
 Muriate of Potash. Potential acidity = ___ lbs.
 Calcium Carbonate per ton.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage and disposal. Keep container closed and away from food, feedstuffs and domestic water supplies. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. In proper disposal of excess pesticide, spray mixture, or rinsate, is a violation of Federal law and may contaminate groundwater. If these wastes cannot be disposed of by use 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. **CONTAINER DISPOSAL:** Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State or local authorities, by burning. If burned, stay out of smoke.

WARRANTY STATEMENT

MANUFACTURER warrants that this product (1) conforms to the ingredient statement on the label and (2) is reasonably fit for the purposes set forth in the Directions for Use. EXCEPT AS SO WARRANTED, THE PRODUCT IS SOLD AS IS. MANUFACTURER MAKES NO OTHER WARRANTY EXPRESS OR IMPLIED. The manufacturer's directions regarding use of this product are based upon tests believed to be reliable. All statements made concerning this product apply only when used as directed, under normal use conditions. FOLLOW DIRECTIONS CAREFULLY. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the manufacturer. Buyer assumes all risks of use, storage or handling of this product. D:152-amd, PM5:11-22-96)



NET WEIGHT 20 LBS. TREATS UP TO 3,750 SQ. FT.
EPA Reg. No. 8660-152 EPA Est. No. 8660-AL-1

PURSELL

201 4TH STREET SYLACAUGA, AL 35150 U.S.A.