

8378-62

11-6-2001

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U.S. ENVIRONMENTAL PROTECTION AGENCY  
Office of Pesticide Programs  
Registration Division (H7505C)  
401 "M" St., S.W.  
Washington, D.C. 20460

EPA Reg.  
Number:  
8378-62

Date of Issuance:  
NOV - 6 2001

Term of Issuance:  
Conditional

Name of Pesticide Product:  
SHAW'S TURF FOOD WITH  
Crabgrass Control  
RONSTAR® 150

NOTICE OF PESTICIDE:

Registration  
Reregistration

(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

KNOX FERTILIZER COMPANY  
P.O. Box 248  
Knox, IN 46534

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered/reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

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

1. Submit and/or cite all data required for the registration of this product when the Agency requires all registrants of similar products to submit data; and submit acceptable responses required for reregistration of this product under FIFRA section 4.
2. Add the phrase "EPA Registration No.8378-62" to the label before you release the product for shipment.
3. Submit one (1) copy of the final printed labeling before you release the product for shipment.
4. Submit required Storage Stability (Guideline No. 830.6317 and Corrosion characteristics (Guideline No. 830.6320) within 1 year from the date of this Notice.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 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.

Enclosure

Joanne I. Miller  
Product Manager (23)  
Herbicide Branch  
Registration Division (7505C)

Signature of Approving Official:

*Joanne I. Miller*

Date:

NOV 6 2001

# Shaw's Turf Food with Crabgrass Control RONSTAR® 150

FOR SALE TO, USE AND STORAGE BY COMMERCIAL NURSERY, TURF MANAGEMENT AND LANDSCAPE PERSONNEL ONLY. NOT FOR USE ON HOME LAWNS, FOR USE ON GOLF COURSES, NURSERIES, PARKS, SOD FARMS, ATHLETIC FIELDS, AND OTHER RECREATIONAL AND ORNAMENTAL TURFGRASS

A Pre-emergent Weed Control Product plus a Quality Fertilizer for use on varieties of Perennial Bluegrass, Bentgrass, Bermuda grass, Buffalograss, Perennial Ryegrass, St. Augustine grass, Seashore Paspalum, Tall Fescue and Zoysiagrass. Also For Use Around Ornamental Shrubs, Vines, Trees & Ground Covers.

ACTIVE INGREDIENT: Oxadiazor\* - - - - - 1.50%  
OTHER INGREDIENTS: - - - - - 98.50%  
100.00%

\*CAS [19666-30-9] Contains RONSTAR® Herbicide. A Reg. T.M. of Aventis, Inc.

**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 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 by a poison control center or doctor. Do not give anything by mouth to an unconscious person. **IF IN EYES** - Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing. Call a poison control center or doctor for treatment advice. **IF ON SKIN** - Take off contaminated clothing. Rinse skin immediately with plenty of water for 15 to 20 minutes. Call a poison control center or doctor for treatment advice. **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. Have this product container or label with you when calling a poison control center, or doctor, or when going for treatment.

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Wear protective eyewear (goggles, face shield or safety glasses). Causes skin irritation. Do not get in eyes, on skin or clothing. Harmful if swallowed, absorbed through the skin, or inhaled. Avoid breathing dust, contact with skin, eyes or clothing. Remove contaminated clothing and wash before reuse. Wash thoroughly with soap and water after handling. Do not allow domestic animals to graze treated areas. Avoid contamination of feed and foodstuffs.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear coveralls over short-sleeved shirt and short pants; chemical resistant gloves and footwear, plus socks; protective eyewear, chemical-resistant headgear for overhead exposure; chemical resistant apron when cleaning equipment. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

#### User Safety Recommendations

Users should: Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Remove clothing 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 pesticide is toxic to fish. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. 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. Do not apply this product in a way that will contact workers or other persons, 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. Do not apply this product through any type of irrigation system. Apply only as specified on this label.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on sod farms, and nurseries, 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) notification to workers, and restricted-entry intervals. 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 worker entry into treated areas during the restricted-entry interval (REI) 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: coveralls; chemical resistant gloves, and footwear, plus socks, protective eyewear, and chemical resistant headgear for overhead exposure.

**KNOX FERTILIZER CO.**  
P.O. BOX 248 - KNOX, IN 46534

ACCEPTED  
with COMMENTS  
In EPA Letter Dated

NOV - 6 2001

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

8378-62

Label Page 1 of 3

EPA Reg. No. 8378-AE

EPA EST. NO. 8378-IN-1

NET WEIGHT  
50 POUNDS

2/4  
Page 5 of 13

Controls Crabgrass, Goosegrass, Poa Annua, Annual Sedge and other weeds as listed, on Golf Courses, Commercial Lawns, and other Athletic, Recreational, Ornamental Turf.

### WHERE, HOW MUCH AND WHEN TO USE ON TURFGRASS

This product may be used at full rate or as a "split application" in established perennial Bluegrass, Bentgrass (see restrictions), Bermudagrass, Buffalograss, Perennial Ryegrass, St. Augustinegrass, Seashore Paspalum, Tall Fescue, and Zoysiagrass turf, at apartment/condominium complexes, corporate and public parks, golf courses, sod farms, athletic fields, playgrounds, cemeteries and other ornamental and recreational turfgrass area. Not for use on home lawns. The turf should be free of leaves and thatch and in condition to allow granules to reach the soil surface. Know the square footage of the area to be treated and uniformly apply using a granule spreader. Do not apply to turf when it is wet. When using at full rate do not overlap spreader applications, especially on St. Augustinegrass since discoloration "streaking" may temporarily occur from the "doubled rate".

See section on this label entitled; **PRECAUTIONS IN USING ON TURFGRASS** for the maximum rate for St. Augustinegrass and Bentgrass of 3 lbs. a.i. per acre which is equiv. to 4.6 lbs. of this product per 1,000 sq. ft. After applications if rain is not expected within 24 hours sprinkle irrigate the treated turf with up to a 1/4 inch of water to get maximum weed control and quicker response from the fertilizer nutrients. This product is a pre-emergence herbicide and must be applied prior to weed seed germination. It will not control growing weeds. \*\*See section on this label entitled; **FOR SPRING APPLICATION ON GOLF COURSES** for instructions to apply the 3 lb. or 4 lb. a.i. per acre rate as a Split Application.

### Pre-emergence Weed Control

Weeds Controlled	lbs. a.i. / Acre	lbs. of Product per 1,000 sq. ft.	Directions - Refer to Map of U.S.
Crabgrass ( <i>Digitaria</i> spp.)	2 to 4 lbs. a.i./A	3.1 to 6.2 lbs.	Apply in late winter or early spring prior to weed seed germination. See map. In areas 4 & 5 applications made after April or May, may not be fully effective.
Goosegrass ( <i>Elymus indica</i> )	200 to 266 lbs. product / acre	11,000 sq. ft.	
Field Sandbur ( <i>Cenchrus incertus</i> )	2 to 4 lbs. a.i./A	3.1 to 6.2 lbs.	Apply in late summer to early fall prior to weed seed germination.
Annual Sedge ( <i>Cyperus compressus</i> )	4 lbs. a.i./A	6.2 lbs.	Apply in early spring prior to weed seed germination.
Annual Bluegrass ( <i>Poa annua</i> spp.) (See Note Below)	2 to 4 lbs. a.i./A 133 to 266 lbs./a	3.1 to 6.2 lbs.	Apply in late summer to early fall prior to weed seed germination.
Virginia Buttonweed ( <i>Diodia virginiana</i> )	266 lbs. product / acre		
Pigweed ( <i>Amaranthus</i> spp.)			
Florida Pusley ( <i>Richardia scabra</i> )			
Oxalis ( <i>Oxalis</i> spp.)			
Stinging Nettle ( <i>Urtica dioica</i> )			
Carpetgrass ( <i>Axonopus officinis</i> )			

### Fall Application for Spring Weed Control in Cool Season Turf

Crabgrass, Goosegrass and other annual weeds as listed.	3 to 4 lbs. a.i./A 200 to 266 lbs. product / acre	4.6 to 6.2 lbs. / 1,000 sq. ft.	For use in Bluegrass, Bentgrass, perennial Ryegrass and Tall Fescue. Make application in the fall after turf has become dormant. For late fall applications, seeding into treated areas should be delayed until 4 months after greenup.
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### Annual Bluegrass Control in Bermudagrass Fairways Overseeded with Perennial Ryegrass only.

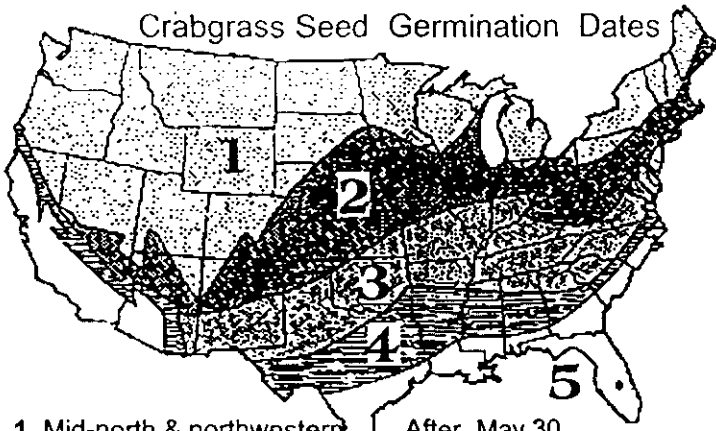
Annual Bluegrass ( <i>Poa annua</i> spp.)	2 lbs. a.i./A 133 lbs./acre	3.1 lbs. / 1,000 sq. ft.	Apply in late summer to early fall prior to <i>Poa annua</i> spp., seed germination. Any <i>Poa annua</i> spp. established when this product is applied will not be controlled. It should not be applied closer than 60 days to overseeding. Do not use where <i>Poa trivialis</i> is present in the overseed mixture. Apply the full 2 lb. a.i. rate in one application.
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**NOTE:** In many areas annual bluegrass exists as at least two biotypes or subspecies of *Poa Annua*. The true annual biotype, "*Poa Annua* spp. annua" which germinates from seed every year is controlled, while the biotype, "*Poa Annua* spp. raptans" which behaves like a perennial and survives through the summer, as an established plant, cannot be controlled. Consult the extension service or University weed specialist in your area for more information concerning your locale.

### Annual Weed Control during establishment from "Sprigs", of Bermudagrass, Zoysiagrass, and Seashore Paspalum.

Crabgrass and Goosegrass, Annual Sedge and other annual weeds.	2 to 3 lbs. a.i./A 133 to 200 lbs. per acre	3.1 to 4.6 lbs. per 1,000 sq. ft.	Directions - Refer to Map of U.S. on this label. For Bermudagrass make application immediately prior to, or immediately after sprigging. For Seashore Paspalum and Zoysia make application 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results sprinkler irrigate the "sprigged" area with up to 1/4 inch water after application.
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Crabgrass Seed Germination Dates



1. Mid-north & northwestern After May 30
2. Upper/mid-states & northeast After May 10
3. Lower mid-states After April 20
4. Upper southern states After Mar 20
5. Warm season states Jan 1 to Mar 20

**NON-AGRICULTURAL USES REQUIREMENTS**

The requirements of 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, or nurseries. Thoroughly wash face and hands with soap and water after exposure and before eating or smoking. Wear protective clothing including long-sleeved shirt and chemical resistant gloves when handling. Launder exposed clothing before reuse.

**FOR SPRING APPLICATION ON GOLF COURSES**

The 3 lb. and 4 lb. a.i. per acre rates may be applied as a split application. Weed control and better turf management can be programmed by splitting the a.i. per acre rate of active ingredient into two separate applications. For example to accomplish this in region #5 (See map of U.S. on this label); first apply 1.5 lbs. a.i. (for required 3 lbs. a.i./acre rate) or first apply 2 lbs. a.i. acre (for a 4 lb. a.i./acre rate) as the 1st application 1 to 2 weeks before estimated weed seed germination or in late December or early January; Then follow with the second "1/2 rate" of a.i. in 60 days or the first of March. The timing for these applications should be closely programmed to the geographic region; (see map of U.S. on this label) and adjusted to an "early" or "late" spring; Do not split the 2 lb. a.i./acre rate. The 3 lb. a.i. / acre rate should not be split if applied to new turf areas first under turf management where weed pressure is expected to be heavy.

**Bermuda & Paspalum Directions** - Refer to U.S. Map on this label. For Bermudagrass make application immediately prior to or after sprigging. For Seashore Paspalum apply 10 to 14 days after sprigging. Applications made close to the time of sprigging may cause objectionable paspalum injury. Disturbance of the soil surface after application may disrupt the herbicide barrier and reduce effectiveness. For best results spriggle the "sprigged" area with up to 1/4 inch water after application.

**PRECAUTIONS IN USING ON TURFGRASS and also PRECAUTIONS WHEN SEEDING**

For St. Augustinegrass and Bentgrass turf, DO NOT exceed the rate of 3 lbs. of active ingredient per acre which is equal to 4.6 lbs. of this product per 1,000 sq.ft. DO NOT apply to Bentgrass turf mowed less than 3/8 inch. This product may cause discoloration of Bentgrass, Bermudagrass and St. Augustinegrass but this discoloration is temporary and normally outgrown within 2 to 3 weeks. Avoid contact with flowers and shrubs except as recommended elsewhere for ornamental plants on this label. DO NOT apply to newly seeded areas. Seeding into treated areas should be delayed until 4 months after treatment. DO NOT apply to Dichondra or Centipedegrass. DO NOT use on golf course putting greens or tees because of the varying cultural practices used.

**GUARANTEED FERTILIZER ANALYSIS**

Total Nitrogen (N)	variable	%
Nitrate Nitrogen	variable	%
Ammoniacal Nitrogen	variable	%
Water Soluble Nitrogen and/or Urea Nitrogen	variable	%
Water Insoluble Nitrogen	variable	%
Available Phosphoric Acid (P <sub>2</sub> O <sub>5</sub> )	variable	%
Soluble Potash (K <sub>2</sub> O)	variable	%
Derived from Ammonium Sulfate, Ureaform, Muriate of Potash; Manganese as Mn %; Iron as Fe %; Chlorine < %		

**WEEDS CONTROLLED**

- |                         |                        |
|-------------------------|------------------------|
| Annual Bluegrass        | **Jungle Ricegrass     |
| Annual Sedge            | Lambsquarter           |
| *Barnyardgrass          | **Liverwort            |
| Bittercress             | Oxalis                 |
| Carpetweed              | **Panama Paspalum      |
| Carpetgrass             | Pennsylvania Smartweed |
| Common Groundsel        | Redroot Pigweed        |
| Common Purslane         | Sensitive plant        |
| Crabgrass               | Shepardspurse          |
| *Evening Primrose       | Sow thistle            |
| Fireweed                | Speedwell-             |
| Field Sandbur           | Spotted Catsear        |
| Foxtail; Green, Bristly | Spurge; Garden, Petty, |
| Fall Panicum            | **Prostrate            |
| Florida Pusley          | Stinging Nettle        |
| *Galinsoga              | *Swinecress            |
| Golden Ragwort          | Virginia Buttonweed    |
| *Goosegrass             | Yellow Woodsorrel.     |

\*For the weeds with 1 asterisk\* above, use 3 to 4 lbs. a.i. per acre (equal to 200 lbs. to 267 lbs. of this product per acre; or 4.6 lbs. to 6.2 lbs. per 1,000 sq.ft.).

\*\*For the difficult-to-control weeds with 2 asterisks\*\* above, use the 4 lbs. a.i. per acre (equal to 267 lbs. of this product /acre or 6.2 lbs. per 1,000 sq.ft.) NOTE: For newly seeded lawns do not apply this product until after the second cutting. For best turf management, place new grass seed in the fall of the year. Spring pre-emergence weed control can then be applied.

**SPREADER SETTINGS**

Spreader settings are calculated to apply the recommended rates of active ingredient per acre based on this product bulk density of 50 to 60 lbs. per cubic foot. Settings will vary if your turfgrass requires this EPA registered herbicide/fertilizer combination product with a lighter bulk density. To check your spreader settings refer to the spreader manual or manufacturer. Test apply enough product to cover 500 sq.ft. based on the amount of product a.i. you wish to apply per acre. Select a suitable rate from in the Pre-emergence Weed Control chart, on this label. Adjust spreader properly and record the setting if required. Apply as directed on this label.

Spreader Settings	for 2 lbs. a.i./Acre	for 3 lbs. a.i./Acre	for 4 lbs. a.i./Acre
Cyclone B3-Pro	# 2.25	# 2.75	# 3.0
Scotts Pro R-8A	# H	# I	# J

Plan on an approximately 3 mph spreader speed to obtain best coverage. Know the exact square footage before application. Incorrect application will result in poor weed control.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal. **STORAGE:** Store product in its original bag, in a cool, dry, locked place out of reach of children. In case of spill, sweep up, and use according to directions or dispose of as follows. **PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, or rinsate is a violation of Federal law. 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 and local authorities, by burning. If burned stay out of smoke.

**READ ENTIRE LABEL BEFORE USING**

Read the entire Directions for Use, Conditions, Disclaimer of Warranties, and Limitation of Liability before using this product. If the terms are not acceptable, return the unopened container at once. By using this product, user and buyer accept the following Conditions, Disclaimer of Warranties, and Limitations of Liability.

**CONDITIONS:** The directions for use of this product are believed to be adequate and should be followed carefully. However it is impossible to eliminate all risks associated with the use of this product. Injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Knox Fertilizer Company. All such risks shall be assumed by the user or buyer.

**Disclaimer of Warranties:** There are no warranties express or implied, of merchantability or of fitness for a particular purpose or otherwise, which extend beyond the statements made on this label. No agent of Knox Fertilizer Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein.

Knox Fertilizer Company disclaims any liability whatsoever for special, incidental, or consequential damages resulting from the use or handling of this product.

**LIMITATION OF WARRANTIES:** The exclusive remedy of the user or buyer for any and all losses, injuries or damages resulting from the use or handling of this product, whether in contract warranty, tort, negligence, strict liability or otherwise, shall not exceed the purchase price, or at Knox Fertilizer Company's option, the replacement of the product.

FOR THE FOLLOWING EMERGENCY, PHONE 24 HOURS A DAY  
TRANSPORTATION: CHEMTREC - - - - - 1-800-424-9300

**Knox Fertilizer Company**  
P.O. Box 248 - Knox IN-46534

# SHAW'S TURF FOOD WITH CRABGRASS CONTROL RONSTAR 150

For a Wide Variety of listed Woody \*Ornamental Shrubs, Vines, Trees, and Ground Covers in Landscape Plantings and for Container and Field Grown Nursery Plants.

\*For use only on plants that will not bear edible fruit within one year of application.

## ESTABLISHED ORNAMENTALS and GROUND COVERS COMMON NAMES

Abutilon  
Acacia  
Agapanthus  
Allamanda, Common  
Andromeda  
Aralia  
Arborvita  
Ash, Green  
Azalea  
Baby's Breath  
Bald Cypress  
Bamboo, Feathery  
Banyan, Weeping  
Barberry  
Beefsteak Plant  
Bearberry  
Beech, European  
Birch, Paper  
Blanket Flower  
Blazing Star  
Boxwood, Japanese

Heather, Scotch  
Heliotropium  
Hemlock, Canada  
Hibiscus  
Honeysuckle  
Holly  
Ice Plant  
Ilima  
Ivy, Algerian  
Ivy, English  
Jasmine, Orange  
Jasmine, Primrose  
Jasmine, Star  
Jasmine, Showy  
Juniper  
Justica  
Kwanzan Cherry  
Lamb's Ear  
Lantana, Trailing  
Lapalapa  
Larch, European  
Laurel, English  
Leopards - Bane  
Leucothoe, Coast  
Leucothoe, Drooping

Lily of the Nile  
Lilac  
Littleleaf Linden  
Loquat  
Magnolia  
Mahonia, Grape Holly  
Maple  
Metallic Plant  
Mexican Orange  
Mock Orange  
Money Tree  
Murraca  
Murraca  
Nyoporum  
Nyrle  
Nandina  
Oak  
Ochana  
Ohal  
Oleander  
Orthosiphon  
Osmanthus  
Pachysandra  
Palm, Bamboo  
Palm, Fishtail  
Palm, Licuala  
Palm, Macarthur  
Palm, Nabnee  
Palm, Manila  
Palm, Parlor  
Palm, Rattan  
Palm, Scalling Wax  
Palm, Sugar  
Paperbark Tree  
Peony  
Periwinkle, Common  
Periwinkle, Large  
Photinia, Frasers  
Poinciana  
Pine  
Plittosporum, Japanese  
Plum, Natal  
Podocarpus, Yew  
Pomegranite  
Poplar  
Potentilla  
Potentilla  
Privet  
Protea species

Boxwood, Common  
Bougainvillea  
Brassala, Dwarf  
Buddleia  
Bugleflower  
Callistemon  
Camellia, Common, Jap  
Camellia, Sasanque  
Candytuff  
Carissa  
Carnation  
Ceanothus  
Cedar, Red  
Cedar, Atlas  
Cistus  
Citrus, Ornamental  
Grapefruit  
Lemon  
Lime  
Mandarin  
Tangelo  
Tangerine  
Temple  
ban Shaddock

Valencia  
Washington Navel  
Cleyera  
Coreopsis  
Coromandel  
Cotoneaster  
Crabapple  
Crapemyrtle  
Chrysanthemum  
Cypress  
Cypress, Leyland  
Dahlia  
Daphne, Fragrant  
Deutzia, Siender  
Dieffenbachia  
Dogwood, Common  
Dogwood, Redosier  
Dogwood, Kousa  
Douglas fir  
Elm  
Escallonia  
Eucalyptus  
Euryops, Gray Leaved  
Euonymus, Spreading  
Euonymus, Wintercreeper  
Falsecypress, Hinoki  
Falsecypress, Japanese  
Flowering Quince  
Forsythia  
Gardenia  
Gazanla Trailing  
Ginko  
Gladiolas  
Golden Raintree  
Heath, Spring

Pyracantha  
Raphiolepis  
Redwood, Dawn  
Rhododendron  
Rose, spp  
Russian Olive  
Sargent Cherry  
Scotch Broom  
Sedum  
Serviceberry, Sastatooon  
Spruce  
Statice  
St. Johnswort, Golden  
St. Johnswort, Goldcup  
Strawberry Tree  
Sumac, Slaghorn  
Sweet William  
Syzygium  
Trailing African Daisy  
Viburnum  
Wedelia  
Wisteria, chinese  
Witchhazel, common  
Woadwaxen, common  
Wooly Thyme  
Xylosma  
Yew

## WHERE, HOW MUCH, AND WHEN TO USE AROUND ORNAMENTALS

Can be applied anytime of the year prior to weed seed germination to both newly transplanted and established actively growing or dormant ornamental plants where both weed control and fertilization is desired. Rainfall or overhead irrigation 1/4 inch water will improve weed control activity. Do not mix into soil. Disturbing or cultivating the soil after treatment may reduce weed control. Do not apply granules to wet foliage or under conditions in which granules will collect on leaves, if so, sprinkler-irrigate the plants to move granules off foliage and down to soil level. Do not apply in greenhouses as plant injury may likely result. Use the higher application rates for areas that have a history of heavy weed pressure. For best weed control around ornamentals first remove any existing weed growth and if possible rake, cultivate and smooth the soil surface by breaking-up clumps. Broadcast the granules evenly over the prepared soil by applying 2 lbs. to 4 lbs. active ingredient per acre, equal to 133 to 267 lbs. of this product/acre or 3.1 to 6.2 lbs. per 1,000 sq.ft. respectively.

## NEWLY TRANSPLANTED ORNAMENTALS AND GROUND COVERS

### COMMON NAMES

Blanket Flower  
Brassala, Dwarf  
Camellia  
Carnation  
Cedar, Red  
Coromandel  
Dogwood, Flowering  
Elm  
Forsythia  
Gazanla, Trailing  
Hackberry  
Ivy, Algerian  
Ivy, English  
Hemlock, Canada  
Holly  
Ice Plant  
Juniper  
Leopards - Bane  
Metallic plant  
Oak  
Periwinkle, Common  
Periwinkle, Large  
Pine  
Poplar  
Privet  
Protea Species

Rhododendron  
Russian Olive  
Spruce  
Trailing African Daisy  
Wedelia  
Wisteria, Chinese  
Yew

### FOREST NURSERY APPLICATION

COMMON NAME	SCIENTIFIC NAME
Pine, Loblolly	Pinus, taeda
Pine, Eastern White	Pinus, Strobus
Pine, Slash	Pinus, Canbaea

### SENSITIVE PLANTS

Under certain growing conditions, the plant varieties listed below may be sensitive to this product. Growers should evaluate usage on a small scale prior to large scale applications. COMMON NAMES

PLANT SPECIES	VARIETIES
Andromeda (Pieris japonica)	Snowdrift, Temple Bell
Azalea	Pink Champagne, Hershey, (Rhododendron spp), Leuchtenfuer, Memoire John Hearrens, Hino Crimson, Everest, Girard Eichholz, Himalayan, Shangri-la (Cotoneaster spp) Petite Red Imperial, and Seminole Bush Mediterranean Pink
Cotoneaster	Pendula
Crape myrtle (Lagerstroemia indica)	Red Heart
Heath, Spring (Erica carnea)	
Hemlock, Canada (Tsuga canadensis)	
Hibiscus (Hibiscus Syriacus)	
Rhododendron	Daphnoides, Nova Zembia, (Rhododendron spp), Catawba Album Pumila
Spruce, Norway (Picea abies)	
Spruce, White (Picea glauca)	Densata
Viburnum	Davidil Viburnum spp)

EPA Reg. No. 8378-\_\_ EPA EST. NO. 8378-IN-1

NET WEIGHT 50 POUNDS

**KNOX FERTILIZER CO.**  
O.O. Box 248 - KNOX IN 46534