

Shaw's 30-4-6 Fertilizer Plus Preemergent Weed Control

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[High End of Range]

Preemergent Control of Crabgrass, Chickweed, Foxtail, Goosegrass, Knotweed, Oxalis, Poa Annua, and Spurge.
Supplies Quick Greening and Extended Feeding. Recommended For Professional Turf Care Managers.

ACTIVE INGREDIENT
Fenoxipropyl N (1-Ethylpropyl 3,4-dimethyl 2,6-dinitrobenzamide) 1.79%
INERT INGREDIENTS 98.21%
Total 100.00%

KEEP OUT OF REACH OF CHILDREN

CAUTION

See Side Panel for Additional Precautionary Statements

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Causes eye irritation. Avoid contact with skin, eyes, or clothing. In case of contact, immediately flush eyes or skin with plenty of water. Get medical attention if irritation persists. Wash thoroughly with soap and water after handling. May be harmful if swallowed. Avoid inhalation. Do not contaminate feed or foodstuffs. Do not feed clippings to livestock. Do not graze treated areas.

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. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent areas. Do not contaminate water when disposing of equipment washwaters. In case of spills, sweep up and use as per label instructions or dispose of as directed.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Not for use on turf grown for sale or other commercial use as sod, or for commercial seed production, or for research purposes.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal. **STORAGE:** Store in labeled container, in a dry, clean area. Partially use bags should be sealed by folding down the top and securing.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Do not reuse empty bag. 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.

This product is a turf fertilizer and a selective preemergence herbicide for use on established turfs, including Kentucky Bluegrass, Perennial Ryegrass, Fine Fescue, Tall Fescue, Bermudagrass and Poa Annua (except putting greens and tees), Bermudagrass (non-winter-overseeded), St. Augustinegrass, Bahiagrass, Zoysiagrass, Centipedegrass, and blends of these grasses. Refer to label section entitled "Bermudagrass, Bermudagrass and Poa Annua Precautions." Do not apply this product through any type of irrigation system. Do not apply aerially.

WEEDS CONTROLLED

When used at the recommended rates (See Turf Species and Rates Table) this product will prevent sprouting of the following grassy and dicot weeds and provides a nitrogen feeding.

Grassy Weeds	Dicot Weeds
Poa Annua	Common Chickweed
Barnyardgrass	Knotweed
Crabgrass - (Large, Smooth)	Oxalis
Foxtail - (Yellow, Green)	Prostrate Spurge
Goosegrass	
Fall panicum	

To prevent goosegrass, crabgrass, foxtail, barnyardgrass, fall panicum, Oxalis, Knotweed, Prostrate Spurge, apply in the spring before they sprout.

To prevent Poa Annua and fall germinating chickweed, apply product to dry foliage in late summer or early fall before seeds germinate. Repeat application yearly for continued control.

ESTABLISHED TURF

When applied prior to germination of weeds this product will control weeds listed in WEEDS CONTROLLED section, in established Northern and Southern turf.

NORTHERN Cool Season GRASSES

Apply 1.3 to 2.2 lbs. per 1,000 sq. ft. prior to germination of weeds (equivalent to 1.0 to 1.75 lbs. of Active Ingredient/acre).

SOUTHERN Warm Season GRASSES

Apply 1.3 to 2.6 lbs. per 1,000 sq. ft. prior to germination of weeds (equivalent to 1.0 to 2.0 lbs. of Active Ingredient/acre).

Where tight weed infestations are expected, the lower rates may be used. For extended weed control, a repeat application is recommended.

For best results, water after application (1/4 to 1/2 inch) to remove the granules from the foliage and to move the product to the soil surface for an effective chemical herbicide barrier. Do not destroy the chemical herbicide barrier created at the soil surface by raking or aerifying the turf after applying this product.

PRECAUTIONS IN USING

Do not use on Bermudagrass and Poa Annua putting greens and tees, or on chondra.

Where Bermudagrass and Bermudagrass containing turf and Poa Annua are the desired species, a lower rate application only is recommended.

On Cool Season Turfgrasses avoid applications when temperatures are regularly in the 80's.

PRECAUTIONS IN USING (CONT.)

This product may cause discoloration and thinning where over applications have been made if the turfgrass is under severe stress conditions (disease, drought, low temperatures below 40 degrees F, scalping, and excessive soil moisture).

BERMUDAGRASS, BENTGRASS AND POA ANNUA PRECAUTIONS

Do not apply to dormant Bermudagrass, Bentgrass or Poa Annua (turf that is not growing actively or has frost injury). May be applied to dormant Bermudagrass if it has been maintained at 1/2 inch or more high cut and is growing in medium fine textured soils such as clays and clay loams.

Where turf thinning or damage has occurred due to winter injury of Bermudagrass do not make an application until turf has greened up, is growing vigorously, and has filled in the dead areas.

Application to Bermudagrass overseeded with a cool season grass may injure and thin the overseeded variety.

Do not apply to Bentgrass or Poa Annua after late summer.

OTHER PRECAUTIONS

Delay seeding 4 months and sprigging by 5 months after an application. For best results, the soil surface should be worked (cultivated and/or etc.) to destroy any remaining chemical residue before planting.

For newly planted areas, wait until the turf has been mowed up to 4 times, and is growing vigorously before application.

Do not apply to the same area more than twice per year.

Avoid application to cement, stone, clothing or shoes. If contact occurs, brush off particles to prevent staining. If necessary, rinse with water. If metallic surfaces (golf course equipment, automobiles, etc.) are present at the application site, do not use this product under windy conditions (5 to 10 miles per hour) due to its yellow staining potential.

SPREADER SETTINGS

Spreader	Speed	Width	Recommended Rate Range
	mph	feet	lbs. product/1,000 sq. ft.
			1.3 1.6 1.9 2.2 2.6
Scotts Drop	3	"	X X X X X
Gandy - 30"	3	"	X X X X X
Scotts			
Rollers	3		
R 7 R 7x		XX	X X X X X
R 8 R 8A			
Lely Models	4.5	XX	X X X X X
*Overlap Wheels			

IMPORTANT: PLEASE READ BEFORE USE

By using this product, the user accepts the following **LIMITED WARRANTY**. KNOX warrants that (a) this product conforms to the chemical description on its label, (b) this product is reasonably fit for the purposes stated on its label, subject to the inherent risks referred to herein, when used in accordance with its directions, and (c) that the directions, warnings, cautions, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness of toxicity to laboratory animals and plants, of residues on food crops, and upon reports of field experience. Testing has not been performed on all varieties of Bermudagrass and Poa Annua, in all states, or under all application, weather and crop conditions. The user should exercise judgement and caution when using this product on a given variety until familiar with the performance under his growing conditions.

There are no express warranties other than those set forth herein. Knox neither makes nor intends, nor does it authorize any agent or representative to make, any other warranty, express or implied. Knox expressly excludes and disclaims all implied warranties of merchantability, fitness for particular purpose, or any other warranty of quality or performance.

This warranty does not extend to, and the user shall be solely responsible for, any loss or damage which results from the use of this product in any manner which is inconsistent with this label's directions, warnings or cautions.

User's exclusive remedy and Knox's or seller's exclusive liability for any claim, loss, damage or injury resulting from the use or handling of this product, whether or not based in contract, negligence, strict liability in tort, or otherwise, shall be limited, at Knox's option, to replacement of, or repayment of the purchase price for, the quantity of product with respect to which damages are claimed. In no event shall Knox or Seller be liable for special, indirect, or consequential damages resulting from the use or handling of this product. (d. and H. pm512-28-94)

GUARANTEED FERTILIZER ANALYSIS

Total Nitrogen (N)	30%
Available Phosphoric Acid (P ₂ O ₅)	4%
Soluble Potash (K ₂ O)	6%
Ingredients: Urea formaldehyde Urea Sulfur Coated Urea	
Mono ammonium Phosphate, Potassium Sulfate	

EPA Reg. No. 8378-

EPA Est. No. 8378 IN 1

Net Weight 19 1/2 (33; 39) Pounds

BEST AVAILABLE COPY

KNOX FERTILIZER COMPANY

P.O. Box 248 - Knox, IN 45346

ACCEPTED
JUN 6 1995
Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 8378-45

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