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524-375

GRANULAR ✓

BUCKLE®

HERBICIDE BY MONSANTO

ACCEPTED
 SEP 8 1986
 Under the Federal Insecticide,
 Fungicide, and Rodenticide Act,
 this product is registered for the pesticide
 use specified on the label to control wild
 oats and pigeongrass in Spring Wheat,
 and in Oats and Barley

Granular selective herbicide for fall
oats and pigeongrass in Spring Wheat,

Read the entire label before using this product.
 Use only according to label instructions.
 NOT FOR REFORMULATION OR REPACKAGING
 Read "LIMIT OF WARRANTY AND LIABILITY" before buying
 or using. If terms are not acceptable, return at once
 unopened.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Keep out of reach of children

CAUTION!

MAY CAUSE EYE IRRITATION.

Avoid contact with skin, eyes, or clothing.

Wash thoroughly with soap and water after handling.

**FIRST AID: IF IN EYES, immediately flush with plenty
of water at least 15 minutes. Call a physician.**

In case of an emergency involving this product, Call Collect, day
or night, (314) 694-4000.

Environmental Hazards

Avoid direct application to any body of water. Do not contaminate
water by disposal of waste or cleaning of equipment.

Storage and Disposal

Do not contaminate water, foodstuffs, seed or feed by storage or disposal.

STORAGE:

Keep bag closed to prevent spills and contamination.

DISPOSAL:

Wastes resulting from the use of this product that cannot be used or chemically reprocessed should be disposed of in a landfill approved for pesticide disposal or buried on site in a safe place away from water supplies. All disposal should be in accordance with applicable Federal, state or local procedures.

Emptied container retains vapor and product residue. Observe all labeled safeguards until container is destroyed.

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.

ACTIVE INGREDIENT:

- S-(2,3,3-Trichloroallyl)disopropyl-thiocarbamate 10%
- a,a,a-trifluoro-2,6-dinitro-N,N-dipropyl-p-toluidine 3%

INERT INGREDIENTS. 87%
 100%

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BUCKLE® is a registered trademark of Monsanto Company.

EPA Reg. No. 524-

If you have any questions concerning this label or the proper application or use of BUCKLE, contact your local Monsanto Sales Representative.

In case of emergency involving this product -
Call Collect, day or night, (314) 694-4000

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in any manner inconsistent with its labeling.

This product is recommended for fall application prior to planting spring wheat, durum wheat, and barley to control green foxtail (Setaria viridis) and yellow foxtail (Setaria lutescens) in addition to wild oats. Green and yellow foxtail are commonly referred to as pigeongrass. Do not treat other crops with this product because injury may occur.

Application equipment must be properly calibrated - application of too much herbicide may injure the crop - application of too little may result in poor weed control. Recommended rates should be followed in order to:

1. Avoid crop injury
2. Avoid herbicide residues at harvest
3. Control weeds.

Use of this product not consistent with this label may result in injury to persons, animals or crops, or other unintended consequences. Keep container closed to prevent spills and contamination.

Application to a field which is wet, lumpy, rough or ridged will result in reduced weed control and promote crop thinning. Incorporation must be completed within 24 hours after application and before germination of the weeds. If weeds have emerged prior to treating and/or planting, they must be controlled. All deep tillage by cultivators or double disc implements must be completed prior to application. Do not plow following application of this herbicide.

When using this herbicide, a strip should be left untreated for proof of results. Weed control may be evaluated also by removing a surface inch or two of soil at the time of germination to inspect the number of weed seedlings killed before emergence.

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Weeds are usually killed before emergence, but occasionally and particularly under dry conditions, plants may reach the 3 to 4 leaf stage before they die.

Under conditions of prolonged high temperature at the time of germination, or extreme drought in the spring, this product may not maintain the usual high standard of weed control

ATTENTION

DELAYED EMERGENCE, STAND REDUCTION, STUNTING AND YIELD LOSS MAY RESULT DUE TO COLD OR WET CONDITIONS, IRRIGATION DURING GERMINATION OR EMERGENCE, DEEP PLANTING, SOIL CRUSTING, DISEASE, INSECTS, POOR SEED QUALITY, OR SELECTION OF A VARIETY GENETICALLY SUSCEPTIBLE TO STRESS. THESE ARE CONDITIONS BEYOND THE CONTROL OF MONSANTO, AND THE GROWER SHOULD CONSULT THE STATE UNIVERSITY EXTENSION SPECIALIST OR SEED PRODUCER OR SUPPLIER FOR LOCAL VARIETAL INFORMATION AND RECOMMENDED TILLAGE AND PLANTING PRACTICES AND DATES.

NOTE: Slight stand reductions do not normally affect yield.

NOTE: Do not graze livestock on treated crops.

Do not apply this product to soils treated with Treflan® the previous year.

Do not use this product on soils containing more than 10% organic matter or on muck soils.

Do not apply this product to soils which are subject to prolonged periods of flooding.

Do not plant sorghum, proso millet, corn or oats for 16 months after application of this product.

Do not plant sugar beets, red beets, or spinach for 14 months after application of this product.

If less than 20 inches of total water were used to produce the crop, do not plant any of the above-mentioned crops for 20 months after application of this product. Cool, wet conditions during the early stage of growth may increase the possibility of injury to sorghum.

Do not plant certain vegetable crops within 5 months following application of this product. Consult a Monsanto representative or a trifluralin label for those vegetable crops which can or cannot be planted safely.

Use in any manner not consistent with label directions can result in serious injury to the crop.

Treflan® is a registered trademark of Elanco Products Co.

HOW TO APPLY AND CALIBRATE EQUIPMENT

This granular herbicide must be applied through a specially designed ground applicator capable of applying small quantities of granules evenly.

It is important that the applicator be calibrated properly to deliver the desired amount of this product to avoid applying too little, or too much, material. To give even distribution, scatter plates (similar to those used for applying granules in a band) must be attached to each delivery tube or outlet in such a manner to give overall coverage. To calibrate, attach a collector pan, or strong plastic bag, over each spreader plate or delivery tube. Operate over normal terrain to be treated at 4 to 5 miles per hour. Collect the granule from all outputs after covering the desired distance.

For example. If a 14-foot applicator is being used, stake off a distance of 324 feet in the field to be treated (distance equal to 1/10 acre treated). After attaching a bag, or collection pan, to each outlet, collect the granules while driving the desired distance. Check to see that each outlet disperses the same amount of granules. Combine all samples and weigh. For the above set of conditions, the quantity of granules that should be collected for the following recommended rates for broadcast treatment are:

	RECOMMENDED RATE PER ACRE	
	10 lbs	12.5 lbs
Proper amount to be collected	1.0 lb	1.25 lbs

If more or less than the desired quantity is collected, adjust opening accordingly and again collect the granules while driving the staked-off distance. Continue this procedure until the proper amount is delivered.

FIELD PREPARATION

Before applying this product, be sure the soil is in good working condition. All deep tillage by cultivation, or double disc implements, must be completed prior to application of this herbicide. If stubble ground is being treated, one or two passes with a field cultivator may be required before application and incorporation.

INCORPORATION DIRECTIONS

For proper incorporation of BUCKLE, set incorporation implement to work the soil no deeper than 3 to 4 inches. Do not use disc implements for incorporation.

On summer fallow ground which is loose and free of lumps and trash, incorporate this product using equipment similar to a field cultivator, culti-harrow or a duckfoot with rod weeder attachment.

For applications to fields of standing stubble, fields may be worked once or twice with a field cultivator or chisel plow. Apply granules and incorporate with a field cultivator or culti-harrow.

If soil must be ridged after incorporating to prevent soil erosion by high winds, the depth of ridging should be kept to a minimum.

In preparing the herbicide treated area for seeding in the spring, care must be taken to avoid working the soil any deeper than fall tillage.

When incorporating with a single pass in the fall, a second incorporation must be performed in the spring during seedbed preparation. If no spring work is anticipated, then both incorporations should be done in the fall.

APPLICATION RATES

Apply BUCKLE at a rate of 10.0 to 12.5 lbs/A in the fall prior to planting SPRING WHEAT, DURUM WHEAT, or BARLEY.

Apply within 3 weeks of normal freezeup or until snow cover occurs.

Apply higher rates on heavy weed infestations within the recommended range.

LIMIT OF WARRANTY AND LIABILITY

This Company warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes set forth in the Complete Directions for Use ("Directions") when used in accordance with those Directions under the conditions described therein. NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE OR MERCHANTABILITY IS MADE. This warranty is also subject to the conditions and limitations stated therein.

Buyer and all users shall promptly notify this company of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

Buyer and all users are responsible for all loss or damage from use or handling which results from conditions beyond the control of this Company, including, but not limited to, incompatibility with products other than those set forth in the Directions, unusual weather, weather conditions which are outside the range considered normal at the application site and for the time period when the product is applied as well as weather conditions which are outside the application ranges set forth in the Directions, application in any manner not explicitly set forth in the Directions, moisture conditions outside the moisture range specified in the Directions, or the presence of products other than those set forth in the Directions in or on the soil or crop.

THE EXCLUSIVE REMEDY OF THE USER OR BUYER, AND THE LIMIT OF THE LIABILITY OF THIS COMPANY OR ANY OTHER SELLER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT (INCLUDING CLAIMS BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY, OTHER TORT OR OTHERWISE) SHALL BE THE PURCHASE PRICE PAID BY THE USER OR BUYER FOR THE QUANTITY OF THIS PRODUCT INVOLVED, OR, AT THE ELECTION OF THIS COMPANY OR ANY OTHER SELLER, THE REPLACEMENT OF SUCH QUANTITY OR, IF NOT ACQUIRED BY PURCHASE, REPLACEMENT OF SUCH QUANTITY. IN NO EVENT SHALL THIS COMPANY OR ANY OTHER SELLER BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.

The Buyers and all users are deemed to have accepted the terms of this LIMIT OF WARRANTY AND LIABILITY which may not be varied by any verbal or written agreement.