NMENTAL PROTECTION AGENCY

2 1998 NOV

Ms. Donna D. Switzer, CHMM AgrEvo USA Company Little Falls Centre One 2711 Centerville Road Wilmington, DE 19808

Dear Ms. Switzer:

SUBJECT:

Label Amendment Incorporating Previously Approved Use on Established

Stands of Kentucky Bluegrass, Revising Dosage Rate Table 10 and

Removing Directions to Use the Lower Rate to Control Annual Bluegrass

Under "New Seedings of Annual or Perennial Ryegrass"

Nortron® SC Herbicide EPA Reg. No.: 45639-8

Your Application Dated September 30, 1998

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable, provided you make the following changes:

- In the front panel box which contains the child hazard warning and signal word, add the statement "Avoid breathing vapor or spray mist."
- In the second column on page 3 and the first column on page 6, change the heading "CAUTION" to read "PRECAUTIONS". The term "Caution" may not be used on a pesticide label, except as the signal word for that product.
- In Dosage Table 3 on page 5, change the "NORTRON SC Per Acre" broadcast rate for 3. Medium Textured Soils to read "3 to 3 3/4 Pints".

A stamped copy of the label is enclosed for your records. Submit one copy of your final printed labeling incorporating these changes before you release the product for shipment.

Sincerely yours,

Product Manager (23)

Herbicide Branch

Registration Division (7505C)

Enclosure

RD:STANTON:PM Team 23:Rm. 237:CM-2:305-5218:Disk #9:S549833.LET

The same of the same of the same of

CONCURRENCES								
SYMBOL >	7505C							
SURNAME >	S. Stanton		}	 	}			
DATE >	Nov 2, 1998							
EPA Form 132		<u> </u>	<u> </u>		<u> </u>	OI	FICIAL FILE CO	PY



Nortron[®] SC

AgrEvo

HERBICIDE SUSPENSION CONCENTRATE

ACCEPTED
with COMMENTS
In EPA Letter Dated

NOV 2 1998

Under the Federal Insceticide, Pundicide, and Rudanticide Act as amended, for the posticide registered under EPA Rug. No. 45639-8



SUGAR BEET HERBICIDE

For selective control of weeds in sugar beets

GRASS SEED HERBICIDE

For Selective Control of Weeds in Certain Grass Seed Crops and Commercial Sod Production in California, Idaho, Nevada, Oregon, and Washington

ACTIVE INGREDIENT Percent by Weight

Ethofumesate: (2-ethoxy-2,3-dihydro-

3,3-dimethyl-5-benzoturanyl

42%

methanesulfonate*)
INERT INGREDIENTS:

58% 100%

TOTAL 10

*Protected by U.S. Patent No. 4,188,202 This product contains 4.0 lbs. active ingredient

per gallon. Product of United Kingdom

EPA Reg. No. 45639-8

The state of the s

OF CHILDREN CAUTION

Avoid contact with skin, eyes, or clothing.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Call a physician or Poison Control Center. Drink one or two glasses of water and induce vomiting by touching back of throat with finger. Do not induce vomiting or give anything by mouth to an unconscious person.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth to mouth. Get medical attention.

IF IN EYES: Flush eyes with plenty of water. Call a physician if irritation persists.

IN CASE OF MEDICAL EMERGENCIES OR HEALTH AND SAFETY INQUIRIES, OR IN CASE OF FIRE, LEAK-ING, OR DAMAGED CONTAINERS, INFORMATION MAY BE OBTAINED BY CALLING 1-800-471-0660.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed, inhaled, or absorbed through skin. Avoid contact with skin, eyes, or clothing. Avoid breathing vapor or spray mist.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and Other Handlers Must Wear:

- Long-sleeved shirt and long pants
- Waterproof gloves
- ☐ Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4–6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

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

For terrestrial uses, 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 target area. Do not contaminate water when disposing of equipment washwaters.

GENERAL USE PRECAUTIONS

NORTRON® SC Herbicide or tank mixes should be used for recommended purposes and at recommended rates only. (DO NOT OVERTREAT.)

Do not graze livestock on treated crops.

Do not apply this product through any type of irrigation system.

If crop is lost due to climatic or soil conditions following application of NORTRON SC or tank mixes, do not plant crops other than sugar beets or ryegrass in treated land during the same season. Do not retreat field with NORTRON SC. If fields are replanted to sugar beets, reseed into treated band.

Do not rotate with any crops other than sugar beets or ryegrass for:

- ☐ 12 months following preplant incorporated, preemergence, conventional postemergence applications, or split (low rate) applications totalling more than 12 fil. cz. (0.375 lb. ai/acre);
- ☐ 6 months following split (low rate) postemergence applications totalling 12 fl. oz. (0.375 lb. ai/acre) or less.

Thorough tillage, including moldboard plowing, should precede the planting of crops other than sugar beets or ryegrass. Do not use NORTRON SC on muck or peat soils.

Do not allow spray mixture to stand in tank overnight. Flush and drain spray equipment after each day's use...

Store unused spray mixture in tightly-sealed containers and protect from frost.

This label must be in the possession of the user at the time of pesticide application.

SHAKE CONTAINER WELL BEFORE USING

STORAGE AND DISPOSAL

STORAGE: Protect NORTRON SC Herbicide from freezing temperatures.

PESTICIDE DISPOSAL: Do not contaminate water, food or feed by storage or disposal. Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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: Triple rinse or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities.

DO NOT REUSE EMPTY CONTAINER.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read entire Directions for Use and Disclaimer of Warranties before using this product.

Do not apply this product in a way that will contact workers or others 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.

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 farms, forests, nurseries, and greenhouses, 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), and restricted-entry interval. 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.

Exception: if the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Waterproof gloves
- ☐ Shoes plus socks

SUGAR BEETS

GENERAL INFORMATION

NORTRON® SC is a selective herbicide for use in sugar beets for the control of the weed species listed below. It provides effective control of these weeds for up to 10 weeks following application.

Residual control of weeds is dependent upon soil moisture conditions, rate of herbicide used, and soil texture. The activity of NORTRON SC in the soil is reduced as the soil texture becomes finer and organic matter increases.

CAUTION

Following a preemergence treatment of NORTRON SC Herbicide, do not apply conventional rates of NORTRON SC postemergence where more than 6 pints were applied preplant or preemergence. No more than a total of 1 gallon of NORTRON SC should be applied in a single growing season. See "Use Precautions" for additional information on proper use.

WEED COECIES CONTROLLED

WEED SPECIES CONTROLLED					
Annual Broadleaf Weeds					
Black nightshade	Solanum nigrum				
Common chickweed	Stellaria media				
Common lambsquarters	Chenopodium album				
Common pursiane	Portulaca oleracea				
Kochia	Kochia scoparia				
Ladysthumb	Polygonum persicaria				
Pennsylvania smartweed	Polygonum pennsylvanicum				
Redroot pigweed	Amaranthus retroflexus				
Russian thistle	Salsola kali var. tenuifolia -				
Wild buckwheat	Polygonum convolvulus				
Annual Grass Weeds					
Annual bluegrass	Poa annua				
Barnyardgrass*	Echinochloa crus-galli				
Canarygrass	Phalaris canariensis				
Green foxtail	Setaria viridis				
Large crabgrass	Digitaria sanguinalis				
Volunteer barley					
Volunteer wheat					
Wild oats**	Avena fatua				
Yellow foxtail					
*Control of barnyardgrass may be rediperation. Pyramin® tank mix because of the longer.	uced with the NORTRON SC +				
Pyramin* tank mix because of the for recommended.	wer rate of NORTRON SC				
**Control of wild oats has been inconsiste	ent in Minnesota and North Dakota.				
NORTRON SC alone will also					
these HARD-TO-CONTROL w	veeds:				
Annual Sowthistle					
Puncturevine					
	Capsella bursa-pastoris				
	Cyperus rotundus				
	Cyperus esculentus				
O-	//				

Apply tank mixes only in specified regions or States and in

accordance with directions on label.

PREPLANT INCORPORATED AND PREEMERGENCE APPLICATIONS

SOIL PREPARATION: The soil should be prepared according to good agricultural practices. Large clods can reduce the effectiveness of NORTRON SC Herbicide and tank mixes. All existing vegetative growth should be thoroughly worked into the soil before treatment.

SPRAY EQUIPMENT: Apply NORTRON SC Herbicide alone or in tank mixes to the soil using standard low pressure (20 to 50 psi) spray equipment. Spray equipment should be carefully calibrated before use and checked frequently during application to see that it is functioning properly. Do not use smaller than 50-mesh strainer. Uniformly apply the recommended rates of NORTRON SC or tank mixes in 10 to 60 gallons of water per acre on a broadcast basis. Avoid overlaps since crop injury may result. When applying NORTRON SC or tank mixes in a band, check to make certain that the band width is accurate for the dosage rate being applied.

The spray tank and lines should be thoroughly cleaned and rinsed prior to using NORTRON SC.

INCORPORATION EQUIPMENT: Where soil incorporation is recommended, use a hooded power- or ground-driven rotary tiller, rolling cultivator, or similar equipment properly adjusted to uniformly incorporate NORTRON SC Herbicide or tank mixes to a depth of 1 to 2 inches. Deeper incorporation may reduce effectiveness. Do not apply NORTRON SC or tank mixes through soil injector shanks. Incorporation should be accomplished prior to planting. If done after planting, proper precautions should be taken to avoid damaging or moving the crop seed. See below for Layering Application.

LAYERING APPLICATION: Spring: Form beds with appropriate bedding equipment. Pre-irrigate field if necessary. Remove bed top with suitable de-ridging machinery to provide a minimum width of 10" across the top of the bed. Apply NORTRON SC Herbicide in a band at the recommended rate indicated in the appropriate regional desage table and cover the treated band with 1 inch of soil using ditchers or discs equipment. Shape the bed with roller shaper and irrigate until the tops of the beds are thoroughly wetted. Irrigate from furrows on both sides of the row. Fall: This method of application can be used when spring moisture is marginal or where irrigation water is not available at planting time. Fall bedding utilizes the winter-accumulated moisture to enhance activation of the herbicide and to aid in germination of the sugar beet crop.

Prepare the field (as for planting; plow, pack, and float, etc.), in the fall, usually late September or October. Apply NORTRON SC in a band to the soil surface at the recommended rate indicated in the appropriate regional dosage table. Be sure that the soil surface to be treated is free of trash and vegetation.

Cover the treated bands with soil and form beds or ridges using ditchers or discs. In the spring when the soil is sufficiently dry to be worked, de-ridge the beds down to within ½" to 1" of the treated layer using suitable equipment such as the Kirchner bedder or Oregon Northslope harrow. When de-ridging, maintain the original bedding guidance system by using a bull tongue chisel, slide guides or similar equipment. This will ensure that the planter will follow in the treated band. Plant sugar beets in the de-ridged area when the soil conditions allow.

GENERAL APPLICATION

Sugar beets grown under rainfall: Apply NORTRON SC Herbicide alone or in a tank mix preemergence at time of planting or shortly after, but prior to weed germination. NORTRON SC or tank mix does not require mechanical soil incorporation provided that sufficient rainfall occurs shortly following application to activate the chemical. One-half inch of rainfall is usually adequate for activation. In areas where rainfall can be marginal for activation, such as the Red River Valley (Minnesota and North Dakota), it is recommended that NORTRON SC or the tank mix be applied before or at the time of planting and incorporated into the soil.

Sugar beets grown under furrow irrigation: Apply NORTRON SC Herbicide alone or in a tank mix to the soil surface preplant or at time of planting, but prior to weed germination, and incorporate into the soil. Where sugar beets are grown in beds, apply NORTRON SC or tank mix after bedding and incorporate. Since NORTRON SC or tank mix must have moisture to control weeds effectively, irrigate until tops of beds are thoroughly wetted.

Sugar beets grown under sprinkler irrigation: Apply NORTRON SC Herbicide alone or in tank mix preemergence at time of planting or shortly after, and irrigate prior to crop and weed germination. Repeat irrigation as necessary to maintain good moisture in upper soil layer. Apply at least one-half inch of water during first irrigation. Do not mechanically incorporate NORTRON SC or tank mix into the soil under sprinkler irrigation.

CULTURAL PRACTICES FOLLOWING APPLICATION:

When properly applied, NORTRON SC Herbicide alone or in a tank mix will provide up to 10 weeks control of susceptible weed species. When cultivating fields in which NORTRON SC or tank mixes have been banded, care should be exercised to minimize the movement of untreated soil into the treated band. Where a broadcast application has been made, do not cultivate deeper than two inches, as this reduces the effectiveness of NORTRON SC or tank mixes.

NORTRON SC ALONE

DOSAGE TABLE 1
(All Regions Except North Dakota and Minnesota):

	Rate of NORTRON SC per Acre				
-		7-inch Band Width ²			
Soil Texture	Broadcast	22" Row	28° Row	30* Row	
Coarse Textured Soils: Sands, loamy sands and sandy loams	2" + to 3% Pints	1/4 to 1 1/4 Pints	⅓ to 1 Pint	⅓ to 1 Pint	
Medium Texture Soils: Silt loams, clay loams which contain less than 3% organic matter	3¼ to 6 Pints	1 ¹ / ₄ to 2 Pints	1 to 1½ Pints	1 to 1½ Pints	
Fine Textured Soils: Silt loams, clay loams, clays which contain more than 3% organic matter	6 to 71/2 Pints	2 to 2½ Pints	1½ to 2 Pints	1½ to 1½ Pints	

^fUse the higher rate within each soil texture category on the finer texture soils and/or where Kochia, barnyardgrass or black nightshade are expected to be a problem.

²For other band or row widths, adjust the rate in proportion to the area actually treated.

DOSAGE TABLE 2

(North Dakota and Minnesota only): NORTRON SC per Acre 7- inch Band Width **Soil Texture** Broadcast 22" Row Coarse Textured Soils: Sandy loams only 6 Pints 2 Pints Medium Textured Soils: Silt loams and clay loams 6 Pints 2 Pints Fine Textured Soils: 71/2 Pints Heavy clays

For other hand or row widths, adjust the rate in proportion to the area actually treated

NORTRON SC + PYRAMIN® (TANK MIX)

This tank mix controls these add	ditional broadleaf weeds:
Annual sowthistle	Sonchus oleraceus
Black mustard	Brassica nigra
Buffalobur	Solanum rostratum
Coast flddleneck	
Common groundsel	
Common ragweed	Ambrosia artemisiifolia
Cutleaf nightshade	
Groundcherry	
Henbit	Lamium amplexicaule
Nettlekaf goosefoot	Chenopodium murale
Prickly lettuce	Lactuca serriola
Prostrate knotweed	Polygonum aviculare
Shepherdspurse	Cap sella bursa-pastoris

MIXING DIRECTIONS: When mixing NORTRON SC Herbicide in the spray tank with Pyramin, fill the spray tank with ½ of the total amount of water to be used and add NORTRON SC first. Agitate spray solution thoroughly and continuously. See Pyramin label for additional mixing directions.

CALIFORNIA (winter-grown sugar beets only): Under sprinkler irrigation or where natural rainfall is adequate, apply this tank mix preemergence. See Pyramin label for precautions regarding application of sprinkler irrigation. Where furrow irrigation is to be used, apply preplant incorporated. Prepare seedbed or form beds for planting. Then use rotary tiller type of incorporation and incorporate not more than 2 inches deep. Plant sugar beets and irrigate. Sub-irrigate until tops of beds are thoroughly wetted. Refer to "Dosage Table 3" for recommended rates.

DOSAGE TABLE 3
(California, winter-grown sugar beets only):

	NORTR Per /		PYRAMIN DF Per Acre		
Soil Texture	Broadcast (For calibration purposes only)	10-inch Band Width ^{1,2} 30° Row	Broadcast (For calibration purposes only)	10-inch Band Width 30" Row	
Coarse Textured Soils: Sancs, loarny sands and sandy loarns		NOT RECO	MMENDED		
Medium Textured Soils: Sift trams, clay loams which contain less than 3% creanic matter	3 to 3¼ Pints	1 to 1¼ Pints	4½ Pounds	1½ Pounds	
Fine Textured Soils: Clas loams which contain more than 3% organic matter and clay	4 to 51/4 s Pints	1½ to 1½ Pints	4½ Pounds	1½ Pounds	

*For other band or row widths, adjust rates in proportion to the area actually treated. Do not apply this mixture broadcast.

²Use the higher rate of NORTRON 5C within each soil texture category on the finer-textured soils and/or where volunteer barley or wheat are expected to be a problem.

PRECAUTIONS: Do not exceed ¾ inch of sprinkler irrigation per set until the beets have two true leaves. Do not use the tank mix under conditions where Pyramin alone is not recommended. Before use, read the Pyramin label for additional information and precautions.

CENTRAL AND EASTERN STATES, INCLUDING MICHIGAN AND OHIO: This tank mix controls the additional weed, common ragweed, and other broadleaf weeds specified in the weed table. Apply preemergence at the time of planting or shortly after, but before weed germination, using recommended rates listed in "Dosage Table 4." Do not mechanically incorporate the herbicides into the soil as crop injury may result. Do not use this tank mix where Pyramin alone is not recommended. Before use, read Pyramin label for additional information and precautions.

Contract of the second

DOSAGE TABLE 4
(Central and Eastern States Only):

	NORTRON SC/Acre			PYRAMIN FL/Acre		
_	Broad- 7-inch Band Widt		nd Width	Broad-	7 unch Band Wighh	
Soil Texture	Cast	22" Row	26" Row	cast	2.m Row	28" \$Low
Coarse Textured Soils:	3	1	W ₀	21.4	•	
Sandy loams only	Pints	Pint	Pint	Qts	Qts.	Cr.
Medium Textured Soils: Silt and clay loams which contain less than	4	1'•	,	,	1	
3% organic matter	Pints	Pints	Pint	Qis	Qı.	Qr.
Fine Textured Soils: Clay loams which contain more than		_				
31% organic matter	5	11:	114	3	1	-
and clays	Pints	Pints	Pints	Qts	<u> </u>	<u>.</u> t.

For other band or row widths, adjust the rate in proportion to the area actually reasest

PREPLANT AND PREEMERGENCE USE PRECAUTIONS

NORTRON SC Herbicide applied alone or in tank mixes according to label directions and under normal growing conditions may cause temporary leaf fusion, distortion and stunting. Crop injury may occur during early growth when crop is stressed due to herbicide residue carryover, highly saline or alkaline soils, unusually cold and wet weather or improperly placed fertilizers or soil insecticides.

Unusually dry, windy weather, which dries the upper soil layer, following application of NORTRON SC, may reduce effectiveness.

DO NOT OVERTREAT: The use of higher than recommended rates may cause beet injury and/or carry over problems.

Crop Planting Precautions: If crop is lost due to unfavorable growth conditions following treatment, do not replant with crops other than sugar beets or ryegrass in treated land during the same season. If fields are replanted to sugar beets, reseed into treated band. Do not retreat field with conventional rates of NORTRON SC in the same season.

POSTEMERGENCE APPLICATION GENERAL INFORMATION

The tank mixes of NORTRON SC Herbicide plus BETAMIX® or BETAMEX® Herbicides applied postemergence broaden and enhance the control of weeds. The choice of tank mixes is dependent upon weed species present. NORTRON SC alone is not recommended for postemergence use.

Tank mixes of NORTRON SC plus BETAMIX or BETANEX applied postemergence control the following weeds:

Annual Broadleaf Weeds

Antidai produicai mecus	
Annual sowthistle	Sonchus oleraceus
Black nightshade	Solanum nigrum
Hairy nightshade	Solanum sarrachoiides
Coast fiddleneck	Amsinckia intermedia
	Stellaria media
Common lambsquarters	Chenopodium album
Common ragweed	Ambrosia artemisiiñolia
Groundcherry	Physalis lanceiñolia
	Kochia scopiaria
Ladysthumb	Polygonum persicaria
London rocket	Sisymbrium irio
Nettleleaf goosefoot	Chenopodium murale
	Polygonum pennsylvanicum
Prostrate pigweed	Amaranthus gracizans
Redroot pigweed	Amaranthus retroflexus
Purslane	Portulaca oleraceus
Shepherdspurse	Capsella bursa-pastoris
	Polygonum convolvulus
Wild mustard	Brassica kaber
*Spray kochia while in the rosette st	age, less than one inch in diameter.

Mixing the Spray: Add NORTRON SC to the water in the spray tank followed by BETAMIX or BETANEX while agitating the spray solution thoroughly. Refer to the BETAMIX or BETANEX labels for additional precautions and information on mixing.

Spray Equipment: Apply the mixture using standard low pressure (20–60 psi) spray equipment. Ensure that the sprayer is thoroughly clean. Spray equipment should be carefully calibrated before use and checked frequently during application to see that it is functioning properly. Uniformly apply the recommended rate in 20–60 gallons of water per acre on a broadcast basis or 5–10 gallons of water per acre in a band. Avoid overlaps, since crop injury may result. When applying in a band, check to make certain that the band width is accurate for the dosage rate being applied. Do not use strainer smaller than 50-mesh.

Moisture Following Application/Residual Weed Control: Rainfall or sprinkler irrigation within 6 hours of spraying may reduce weed control; however, with conventional rates, moisture after this period of time is advantageous for moving NORTRON SC into the top layer of soil where it can be absorbed by the roots of sprayed and germinating weeds to provide optimum control. One-half inch or more of sprinkler irrigation is required to activate NORTRON SC on most soil types.

Residual control of weeds is dependent upon soil moisture conditions, rate of herbicide used, and soil texture. The activity of NORTRON SC in the soil is reduced as the soil texture becomes finer and organic matter increases.

CAUTION

Following a preemergence treatment of NORTRON SC Herbicide, do not apply conventional rates of NORTRON SC postemergence where more than 6 pints were applied preplant or preemergence. No more than a total of 1 gallon of NORTRON SC should be applied in a single growing season. See "Use Precautions" for additional information on proper use.

SPLIT (LOW RATE) APPLICATIONS

Split (low rate) applications of NORTRON SC Herbicide + BETAMIX or BETANEX Herbicides may be applied to sugar beets to control early germinating weeds (the tank mix of NORTRON SC + BETANEX may be used in all sugar beet areas except California). The first spray must be applied when the earliest emerging weeds have reached cotyledon size. See "Dosage Table 5" for broadcast rates. See "Dosage Table 6" and "7" for equivalent band rates. For band applications, apply in 5-10 gallons of water per acre. Any weeds which are not completely controlled by the first treatment will usually be checked and controlled by repeat applications. The repeat application should be made 5 to 7 days after the preceding application or when another flush of weeds germinates. If second application is delayed, conventional applications as described below will be necessary.

DOSAGE TABLE S DOSAGE CHART FOR BROADCAST APPLICATION

	Pints/Acre Broadcast				
Sugar Beet Stage	NORTRON SC + BETAMIX	NORTRON SC + BETANEX			
Catyledon	0.25 + 1.50	0.25 + 1.50			
2 leaf	0.33 + 2.00	0.33 + 2.00			
4 Leaf	0.50 + 3.00	0.50 + 3.00			

DOSAGE TABLE 6 BETAMIX OR BETANEX DOSAGE CHART FOR BAND APPLICATION

Broadcast	Band	BAND RATE — ROW SPACING			
Equivalent	Width	22*	28"	30"	
1.5 pints/acre	5*	5.5 fl. oz.	4.3 fl. oz.	4.0 fl. oz.	
•	7-	7.6 fl. oz.	6.0 ft. oz.	5.6 fl. oz	
2.0 pints/acre	5*	7.3 fl. oz.	5.7 fl. oz	5.3 fl. oz	
•	7*	10.2 fl. oz.	8.0 fl. az.	7.5 fl. oz.	
3.0 pints/acre	5*	10.9 fl. oz.	8,6 fl. oz.	8.0 fl. oz.	
•	7"	15.3 fl. oz.	12.0 fl. oz.	11.2 fl. oz.	

DOSAGE TABLE 7 NORTRON SC DOSAGE CHART FOR BAND APPLICATION

Broadcast	Band	BAND RATE — ROW SPACING			
Equivalent	Width	22"	28*	30.	
0.25 pints/acre	5*	0.9 fl. oz.	0.7 fl. oz.	0.7 fl. oz	
•	7"	1.3 fl. oz.	1.0 fl. oz.	0.9 fl. oz	
0.33 pints/acre	5*	1.2 fl. oz.	0.9 fl. oz.	0.9 fl. oz	
	7 "	1.7 fl. oz.	1.3 fl. oz.	1.2 fl. oz	
0.5 pints/acre	5*	1.8 fl. oz.	1.4 fl. oz.	1.3 fl. oz	
•	7 "	2.5 fl. oz.	2.0 fl. oz.	1.9 fl. oz	

CONVENTIONAL APPLICATIONS

Timing of Application: Apply the tank mix NORTRON SC + BETANEX or NORTRON SC + BETAMIX when sugar beets have at least 4 fully expanded true leaves. Apply at rates recommended in the Dosage Tables. Use the higher rate of NORTRON SC where increased residual weed control is desired. Where Eptam® has been applied preplant (fall or spring applied), do not apply NORTRON SC + BETAMIX or BETANEX tank mix before the sugar beets have 6 expanded true leaves.

See "Postemergence Use Precautions" for additional information on proper use.

NORTRON SC + BETAMIX (TANK MIX)

NORTRON SC Herbicide applied postemergence in a tank mix with BETAMIX Herbicide broadens and enhances the control of troublesome weeds. Furthermore, preemergence control of susceptible weeds which may germinate following treatment can be obtained provided overhead moisture is sufficient to activate NORTRON SC.

WEED SPECIES CONTROLLED

Group I: Weeds controlled up to the 6-leaf stage.

	to time - 1 1 6
Redroot pigweed	Amaranthus retroflexus
Wild mustard	Brassica kaber
Nettleleaf goosefoot	Chenopodium murale
London rocket	
Common lambsquarters	

Group II: Weeds controlled up to the 4-leaf stage.

Stellaria media
Solanum nigrum
Ambrosia artemisiifolia
Capsella bursa-pastoris
Physalis lanceitolia
lygonum pennsylvanicum
Polygonum persicaria
Amaranthus blitoides
Amsinckia intermedia

Group III: Weeds controlled up to the 2-leaf stage.

	1 9
Annual sowthistle	Sonchus oleraceus
Kochia*	Kochia scoparia
Common purslane**	Portulaca oleracea
Prostrate knotweed	
Wild buckwheat	
Green foxtail***	
Yellow foxtail (pigeongrass)***	Setaria glauca
Annual bluegrass***	
Canarygrass***	

^{*}Spray kochia while in the rosette stage, less than 1* in diameter.

DOSAGE TABLE 8

Rate of NORTRON SC Per Acre			Rate of BETAMIX Per Acre						
Broadcas	st Band²	Ro	w Spac	ing	Broadcast	Band ²	Row	Spaci	ng
Rate	Width (in.)	22"	28*	30"	Rate	Width (in.)	22*	28"	30*
27∕←3		³ /•-1	1/2-1/4	1/2-2/3	41/2-6		11/2-2	1-11/2	1%
Pints	7	Pint	Pint	Pint	Pints	7	Pints	Pints	Pints

^{&#}x27;Use the higher rate on larger weeds and sugar beets.

NORTRON SC + BETANEX (TANK MIX)

ALL AREAS EXCEPT CALIFORNIA: NORTRON SC Herbicide applied postemergence in a tank mix with BETANEX Herbicide broadens and enhances the control of troublesome weeds. Furthermore, preemergence control of susceptible weeds which may germinate following treatment can be obtained provided overhead moisture is sufficient to activate NORTRON SC.

WEED SPECIES CONTROLLED

Group I: Weeds controlled up to the 6-leaf stage.

Redroot pigweed	Amaranthus retroflexus
	Brassica kaber
Nettleleaf goosefoot	Chenopodium murale
	Sisymbrium irio
	Chenopodium album

Group II: Weeds controlled up to the 4-leaf stage.

Common chickweed	Stellaria media
Black nightshade	Solanum nigrum
Common ragweed	Ambrosia artemisiifolia
Shepherdspurse	
Groundcherry	Physalis lanceifolia
Pennsylvania smartweed	
Ladysthumb	

Group III: Weeds controlled up to the 2-leaf stage.

Annual sowthistle	Sonchus oleraceus
Common purslane	Portulaca oleracea
Wild buckwheat	Polygonum convolvulus
Kochia*	

^{*}Spray Kochia while in the rosette stage, less than 1" in diamerter

DOSAGE TABLE 9 (All areas except California):

Rate of NORTRON SC Per Acre		Rate of BETANEX Per Acre							
Broadcast Band ²		Row Spacing		Broadcast	Band ²	Roy	v Spaci	ng	
Rate	Width (in.)	22*	28"	30"	Rate	Width (in.)	22°	28"	30"
21/4-3	7	¼ −1	1/2~1/4	1/2-2/1	41/2-6	7	11/2-	11/6~	1-
Pints		Pint	Pint	Pint	Pints		2	11/2	176
					ł		Pints	Pints	Pints

^{&#}x27;Use the higher rate on larger weeds and sugar beets.

Water the second second

Control of the second section of the

POSTEMERGENCE USE PRECAUTIONS: Make only one conventional application of NORTRON SC + 3ETANEX OF BETAMIX tank mix during each growing season.

Do not apply NORTRON SC + BETANEX or BETAMIX tank mix to sugar beets later than 90 days prior to harvest.

Crop Planting Precautions: If crop is lost due to unfavorable growth conditions following treatment, do not replant with crops other than sugar beets or ryegrass in treated land during the same season. If fields are replanted to sugar beets, reseed into treated band. Do not retreat field with conventional rates of NORTRON SC in the same season.

NORTRON SC + BETANEX OR BETAMIX MAY CAUSE SUGAR BEET INJURY OR STAND LOSS IF THE CROP IS UNDER STRESS FROM ONE OR MORE OF THE FOLLOWING CONDITIONS:

- ☐ Rapid climatic changes from cool, overcast days, to hot (80°F or over), bright days. When the air temperature is, or is likely to be, above 80°F on the day of spraying, application should be made in the evening when the temperature is lower.
- Frost within seven days following treatment
- Windy or drought conditions
- Use of a preplant or préemergence herbicide or other chemicals
- □ Insect or disease injury
- Close cultivation

If stress conditions are present, delay apolication until crop has recovered.

DO NOT OVERTREAT: The use of higher-than-recommended rates may cause beet injury and/or carry over problems.

Do not spray while dew is present.

Rainfall or sprinkler irrigation within 6 hours of application may reduce weed kill.

Do not allow spray drift to contact adjacent crops which may be injured by spray drift.

IMPORTANT: This tank mix may cause temperary growth retardation and/or chlorosis or tap-burn on sugar beets. Sugar beets usually resume normal growth within 10 days.

NORTRON SC MIXTURES WITH FERTILIZERS NORTRON SC IMPREGNATION ON DRY BULK FERTILIZERS

NORTRON SC Herbicide may be impregnated on many dry bulk fertilizers (See "1" below.) and applied and incorporated into the soil before planting for the control of labeled grasses and broadleaf weeds in sugar beets.

All NORTRON SC label and supplementary literature instructions and precautions regarding rates per acre, soil type and soil incorporation, application, and other directions must be followed.

All individual State regulations relating to dn bulk fertilizer blending, registration, labeling and application are the responsibility of the individual and/or company selfing the NORTRON/fertilizer mixtures.

A minimum of 200 pounds and a maximum of 700 pounds of approved fertilizer ingredients (See "2" below.) impregnated with the appropriate amount of NORTRON SC must be applied per acre.

*

^{**}Group II weed in California.

^{***}For best control, overhead moisture required

For other band or row widths, adjust rates in proportion to the area actually treated.

³For other band or row widths, adjust rates in proportion to the area actually treated.

For impregnating the pesticide on dry fertilizers, use a closed rotary-drum type mixer equipped with suitable spraying equipment. The spray nozzles should be positioned inside of the mixer to provide uniform spray coverage of the tumbling fertilizer. The NORTRON SC should be sprayed uniformly onto the fertilizer using a fine spray pattern.

The physical properties of fertilizers vary, particularly in liquid absorptive capacity. When absorptivity is sufficient, simple spray impregnation of the fertilizer with NORTRON SC provides a satisfactory dry mixture.

If the absorptivity is not adequate, use of a highly absorptive powder is required to provide a dry, free-flowing mixture. Microcel E (Johns-Manville Products Corporation) is the recommended absorbent powder. It should be added separately and uniformly to the prepared pesticide/fertilizer mixture in a quantity that is sufficient to provide a suitably free-flowing mixture. Generally, less than 2% by weight of Microcel E is required.

The amount of NORTRON SC actually required in the formulation of specific fertilizer mixtures should be calibrated carefully for each production operation. This is necessary to ensure that the amount of NORTRON SC actually contained in the fertilizer mixture applied to the soil represents the correct dosage rate.

Bulk fertilizers impregnated with NORTRON SC should be applied immediately, NOT STORED.

NORTRON SC IMPREGNATION ON DRY BULK FERTILIZERS

Approved dry fertilizer ingredients for use with NORTRON SC:

	N	P	K
Ammonium nitrate	34	0	0
Ammonium sulfate	21	0	0
Ammonium phosphate-sulfate	16	20	0
Diammonium phosphate	18	46	0
Monoammonium phosphate	11	56	0
Potassium chloride	0	0	60
Potassium sulfate	0	0	52
Single superphosphate	0	20	0
Triple superphosphate	0	46	0
Urea	45	0	0

NORTRON SC Physical Data

Density 1.14 g/cm³ Pounds/gallon 9.50

Flashpoint Noncombustible

2. Rate Chart for the Impregnation of Dry Bulk Fertilizers with NORTRON SC:

Gallons of NORTRON SC Per Ton of Dry Bulk Fertilizer

	res ton or only built rendifice.					
Fertilizer Rate	Impregnation Rate					
lb/acre	0.75 gai/acre	1 gal/acre	1.50 gal/acre			
200	2.80	3.75	5.63			
250	2.25	3.00	4.50			
300	1.88	2.50	3.75			
350	1.59	2.16	3.19			
400	1.41	1.88	2.81			
450	1.25	1.69	2.50			
500	1.13	1.50	2.25			
550	1.03	1.38	2.06			
600	0.94	1.25	1.88			
650	0.87	1.13	1.75			
700	0.80	1.08	1.62			

NORTRON SC WITH LIQUID FERTILIZERS

The following procedure is suggested for evaluation of physical compatibility of NORTRON SC Herbicide in mixtures with liquid fertilizers for spray tank application.

MATERIAL REQUIRED

- NORTRON SC—components of tank mixes if intended for use
- 2. Liquid fertilizer to be used
- 3. Adjuvant for fertilizer tank mix: Compex* or E-Z Mix**.
- 4. Two (or more) one quart, wide mouth containers with lids or stoppers
- Measuring spoons—(25 ml pipette or graduated cylinder provides more accurate measurement)
- 6. Measuring cup, 8 fl. oz. (237 ml)

*Compex-Kalo Laboratories, Inc., Kansas City, MO

**E-Z Mix-United Agri-Products, Greeley, CO

PROCEDURE

- Pour one pint (473 ml) of the liquid fertilizer into each of the quart containers.
- Add adjuvant(s) to one or more of the containers and mix; follow label directions of adjuvant.
- 3. Add the NORTRON SC and tank mix components to the containers (see rate table below).
- Close the containers with lids or stoppers and mix contents by inverting the containers ten times.
- 5. Inspect the surface and body of the mixture:
 - a. immediately after mixing,
 - b. after allowing mixtures to stand quietly for 30 minutes,
 - c. immediately after mixing again (invert the containers ten more times).

If a uniform mixture does not occur, the spray tank mixture should not be used. If any of the mixtures remain uniform for 30 minutes, that mixture may be used in spray tank applications. Should any of the mixtures separate after 30 minutes but remix readily into a uniform mixture with inversion of the container, the mixture may be used provided that adequate agitation is maintained in the spray tank. If a NORTRON SC + fertilizer mixture utilizing an adjuvant is satisfactory, but the one without adjuvant is not, be sure to use the adjuvant in the spray tank at the rate recommended on the label which was used in this test.

If non-dispersible oil, sludge, or clumps of solids form in the mixtures, those combinations should not be used for spray tank application.

RATE TABLE FOR NORTRON SC MIXTURES WITH LIQUID FERTILIZERS

Gal. of Liquid Fertilizer to be applied per acre	•ml or tsp. of NORTRON SC to be added to 1 pint of fertilizer			
	ml	tsp.		
20	17.6	3.6		
30	12.0	2.4		
40	9.0	1.9		
50	7.1	1.5		
60	6.0	1.2		

*Based on field use rate of 3.0 lb. ai/acre (¾ gal/acre) in the fertilizer volumes indicated. Adjust amount of NORTRON SC added proportionately to correspond with intended field use rate recommended on NORTRON SC label for soil type. Add the proportionate amount of tank mix component (e.g., Pyramin) if intended for use, based on volume of NORTRON SC used in the test.



RYEGRASS, TALL FESCUE, BENTGRASS, AND KENTUCKY BLUEGRASS SEED CROPS

(For use in California, Idaho, Nevada, Oregon, and Washington only)

GENERAL INFORMATION

NORTRON® SC is a selective herbicide for use in ryegrass, tall fescue, and bentgrass seed crops in California, Idaho, Nevada, Oregon, and Washington. It effectively controls or reduces competition from those weed species listed below. NORTRON SC may be applied preemergence to new seedings of annual or perennial ryegrass or postemergence to perennial ryegrass, tall fescue, or bentgrass. Application to bentgrass is restricted to plantings which have been established for one year or longer. Soil should be moist at time of application. NORTRON SC is less effective when applied to dry soil. Rainfall or overhead irrigation shortly after application is necessary for activation.

Residual control of weeds is dependent upon soil moisture conditions, rate of herbicide used, and soil texture. The activity of NORTRON SC in the soil is reduced as the soil texture becomes finer and organic matter/thatch increases.

WEEDS CONTROLLED

Annual bluegrass	Poa annua
Seedling Rattail fescue	Festuca myuros
Seedling volunteer wheat	Triticum spp.
Seedling volunteer barley	Hordeum spp.
Soft chess	
Seedling Wild oats	
Downy brome	Bromus tectorum
Common chickweed	Stellaria media
Common vetch	
Common velvetgrass	Holcus lanatus
Mannagrass	
Barnyardgrass	Echinochloa crus-galli
Canarygrass	
Green foxtail	
Large crabgrass	
Yellow foxtail	

Spray equipment: Use a fixed-boom power sprayer properly calibrated to a constant speed and rate of delivery. Do not use smaller than 50-mesh strainer. Avoid overlapping of spray swath. Shut off boom while starting, turning or stopping to avoid overlapping. Apply in 10 to 50 gallons of water per acre at low pressure (20 to 50 psi).

Soil preparation: A firm, fine and level seedbed free of trash and vegetative matter will provide best results from preemergence applications. Large clods can reduce effectiveness of NORTRON SC. All existing vegetative growth should be thoroughly worked into the soil before treatment.

NEW SEEDINGS OF ANNUAL OR PERENNIAL RYEGRASS

Before weed emergence: Apply NORTRON SC Herbicide after seeding and prior to weed emergence. For best results apply to moist soil. Apply 1½ to 3 pints per acre. Use the lower rate for control of common chickweed. For control of rattail fescue, wild oats, and volunteer cereals and other weeds listed, use 2¼ to 3¾ pints per acre.

After weed emergence: Apply NORTRON SC at earliest possible weed growth stage but not later than the 4-leaf stage. Rattail fescue, wild oats, and volunteer cereals which

are more difficult to control, must be treated no later than the 2-leaf stage. Apply 2¼ to 3¾ pints per acre. Use the highest rate where rattail fescue, wild oats, and volunteer cereals are present and where weed infestation is heavy.

NEW SEEDINGS OF FALL-PLANTED PERENNIAL RYEGRASS AND TALL FESCUE TREATED WITH DIURON PLUS CHARCOAL

Timing of application: Apply NORTRON SC Herbicide following crop emergence and after sufficient rainfall and/or overhead irrigation has occurred to dissipate the charcoal band (approximately 4 inches). Use dosage rates listed in "Dosage Table 10." Surface debris may result in reduced weed control. Failure to allow for complete dissipation of the charcoal band may result in reduced weed control within the crop row. For best results, apply NORTRON SC to a moist soil surface.

Before using diuron, read the diuron label for rate recommendations, timing of applications, directions for use, and precautionary statements. Do not exceed maximum dosage rates for either herbicide.

NOTE: Do not apply NORTRON SC when crop shows diuron injury.

perennial ryegrass

and tall fescu

DOSAGE TABLE 10

Rate Per Acre Remarks 11/2 to 31/4 pints For effective control, annual bluegrass must be treated before the 4-leaf stage; rattail fescue, wild oats, and volunteer wheat must be treated before the 2-leaf stage. Use the lower rate

oats, and other weeds listed.

for control of common chickweed; use the higher rate for control of rattail fescue, wild

After weed emergence: Apply NORTRON SC at earliest possible weed growth stage but not later than the 4-leaf stage. Rattail fescue, wild oats, and volunteer cereals which are more difficult to control, must be treated no later than the 2-leaf stage. Apply 2¼ to 3¾ pints per acre. Use the highest rate where rattail fescue, wild oats, and volunteer cereals are present and where weed infestation is heavy.

ESTABLISHED STANDS OF PERENNIAL RYEGRASS AND TALL FESCUE

Before weed emergence: Apply NORTRON SC Herbicide at 2½ to 3¾ pints per acre prior to weed emergence. Use higher rate where rattail fescue, wild oats, and volunteer cereals are expected to be a problem. For best results, apply to moist soil. Crop residue and debris will reduce effectiveness of treatment and should be removed or destroyed.

After weed emergence: Apply NORTRON SC Herbicide at earliest possible weed growth stage but not later than the 4-leaf stage. Rattail fescue, wild oats, and volunteer cereals which are more difficult to control, must be treated no later than the 2-leaf stage. Apply 2½ to 3 pints per acre. Use the higher rate where rattail fescue, wild oats, and volunteer cereals are present. Where weed pressure is very heavy and rattail fescue is at the maximum stage of growth for treating, a rate of 3¾ pints of NORTRON SC is recommended.

ESTABLISHED STANDS OF BENTGRASS

Apply only to well-established stands which have been seeded for not less than 12 months. Straw from previous crop must be removed or destroyed. Failure to do so may result in reduced weed control.

Before weed emergence: Apply NORTRON SC Herbicide at 1½ to 3 pints per acre prior to weed emergence. Use higher rate where rattail fescue, wild oats, and volunteer cereals are expected to be a problem. For best results, apply to moist soil.

After weed emergence: Apply NORTRON SC at earliest possible weed growth stage, but no later than the 4-leaf stage. Rattail fescue, wild oats, and volunteer cereals which are more difficult to control, must be treated no later than the 2-leaf stage. Apply at the rate of 1½ to 3 pints per acre. Use higher rate when rattail fescue, wild oats, and volunteer cereals are a problem. Do not apply more than 3 pints of NORTRON SC per acre on bentgrass.

ESTABLISHED STANDS OF KENTUCKY BLUEGRASS

(UNDER IRRIGATION ONLY)

Apply only to established stands which have been seeded for at least 12 months. Crop residues, carbon, and debris should be removed. Failure to do so may result in reduced weed control. NORTRON SC Herbicide is compatible with currently labeled grass seed herbicides. Consult your local fieldman for recommended uses.

Before weed emergence: Apply NORTRON SC at 2 pints per acre prior to weed emergence. For best results, apply to moist soil. Apply at least ½ inch irrigation within 2 to 3 days after treatment to incorporate NOTRON SC

After weed emergence: Apply NORTRON SC at 2 pints per acre at the earliest possible weed growth stage, but no later than the 4-leaf stage. For best results, apply to moist soil. Apply at least ½ inch irrigation within 2 to 3 days after treatment to incorporate NOTRON SC.

USE PRECAUTIONS

NORTRON SC Herbicide may cause stunting and stand reduction of newly seeded perennial ryegrass and fall fescue if the crop is planted late in the fall and subjected to adverse climatic conditions or pesticides which restrict normal growth.

If vegetative matter or stover from previous crop was burned, sufficient rainfall or overhead irrigation must have occurred to dissipate the charcoal residue remaining after burning prior to NORTRON SC treatment. Failure to allow for dissipation of charcoal residue may result in reduced weed control.

COMMERCIAL SOD PRODUCTION

(For use in California, Idaho, Nevada, Oregon, and Washington only)

GENERAL INFORMATION

1987 c

NORTRON® SC is a selective herbicide for use in established and newly planted tall fescue and perennial ryegrass grown for sod in California, Idaho. Nevada, Oregon and Washington. NORTRON SC may be applied preemergence or postemergence for the control of weed species listed below. Overhead irrigation or rainfall shortly after application is necessary for activation.

Residual control of weeds is dependent upon soil moisture conditions, rate of herbicide used, and soil texture. The activity of NORTRON SC in the soil is reduced as the soil texture becomes finer and organic matter/thatch increases.

WEEDS CONTROLLED

Annual bluegrass	Роа аппиа
Large crabgrass	
Green foxtail	Setaria viridis
Yellow foxtail	Setaria glauca
Canarygrass	Phalaris canariensis
Volunteer barley	
Volunteer wheat	Triticum sp.
Wild oats	Avena fatua
Rattail fescue	Festuca myuros
Common velvetgrass	Holcus lanatus
Mannagrass	
Downy brome	
Soft chess	

Spray equipment: Use a fixed-boom power sprayer properly calibrated to a constant speed and rate of delivery. Do not use smaller than a 50-mesh strainer. Avoid overlapping of spray swath. Shut off boom while starting, turning, or stopping to avoid over-application. Make applications in 10 to 50 gallons of water per acre at low pressure (20 to 50 psi).

Soil preparation: All existing vegetative matter should be thoroughly worked into the soil surface before planting. Large clods, trash, or vegetative matter left on the soil surface will reduce effectiveness of the NORTRON SC treatment.

NEWLY PLANTED PERENNIAL RYEGRASS AND TALL FESCUE GROWN FOR SOD

Apply NORTRON SC Herbicide to newly planted areas when crop reaches the 2- to 3-leaf stage of growth. For best results, apply to moist soils.

Before weed emergence: Apply NORTRON SC at 2½ to 3 pints per acre prior to weed emergence. Use the higher rate where rattail fescue, wild oats, and volunteer cereals are expected to be a problem.

After weed emergence: Apply NORTRON SC at earliest possible weed growth stage but no later than the 4-leaf stage. Rattail fescue, wild oats, and volunteer cereals which are more difficult to control, must be treated no later than the 2-leaf stage. Apply NORTRON SC at 21/4 to 3 pints per acre.

ESTABLISHED PERENNIAL RYEGRASS AND TALL FESCUE SOD

For preemergence and/or postemergence control of susceptible weeds, apply NORTRON SC Herbicide prior to weed emergence or at the earliest possible weed growth stage, but not later than the 4-leaf stage. For best results, apply to moist soils. Apply NORTRON SC at 2½ to 3 pints per acre. Repeat applications at 4 to 8 week intervals may be needed to maintain weed control. DO NOT apply more than 1 gallon of NORTRON SC per acre per growing season.

USE PRECAUTIONS

NORTRON SC may cause stunting and stand reduction of newly seeded perennial ryegrass and tall fescue, if the crop is planted late in the fall and subjected to adverse climatic conditions or pesticides which restrict normal growth.

If vegetative matter or stover from previous crop was burned, sufficient rainfall or overhead irrigation must have occurred to dissipate the charcoal residue remaining after burning prior to NORTRON SC treatment. Failure to allow for dissipation of charcoal residue may result in reduced weed control.

TRADEMARK INFORMATION

Eptam is a registered trademark of Zeneca Ag Pyramin is a registered trademark of BASE Aktiengesellschaft.

IMPORTANT: READ BEFORE USE

By using this product, user or buyer accepts the following conditions, warranty, 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, because of extreme weather and soil conditions, manner of use and other factors beyond AgrEvo USA Company's control, it is impossible for AgrEvo USA Company to eliminate all risks associated with the use of this product. As a result, crop injury or ineffectiveness is always possible. All such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: THERE ARE MO 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 AgrEvo USA Company is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. AgrEvo USA Company disclaims any liability whatsoever for incidental or consequential damages, including, but not limited to, liability arising out of breach of contract, express or implied warranty (including warranties of merchantability and fitness for a particular purpose), tort, negligence, strict liability or otherwise.

LIMITATIONS OF LIABILITY: THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSS-ES, 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 PAID, OR AT AGREVO USA COMPANY'S ELECTION, THE REPLACEMENT OF PRODUCT.

© AgrEvo USA Company, 1994

MARKETED BY:



AgrEvo USA Company Little Falls Centre One 2711 Centerville Road Wilmington, DE 19808 Phone: (302) 892-3000 www.us.agrevo.com



A STATE OF THE STA

4.18.