

ACCEPTED
JUL 1 1981

NORTRON GS

FLOWABLE HERBICIDE

FOR CERTAIN GRASS
SEED CROPS

IN WESTERN OREGON AND WESTERN WASHINGTON

ACTIVE INGREDIENT:

Ethofumesate, (2-ethoxy-2, 3-dihydro 3, 3-dimethyl-5 benzofuranyl
methanesulfonate*)

Percent by Weight

INERT INGREDIENTS:

	42%
	58%
Total	100%

*Protected by U.S. Patent No. 3,689,507

This product contains 4.0 lb active ingredient per gallon

EPA REGISTRATION NO. 45639-60

EPA EST. NO. 1812-GA-03

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with skin, eyes or clothing.

SEE BACK PANEL FOR ADDITIONAL FIRST AID
AND PRECAUTIONARY STATEMENTS

DISTRIBUTED BY:



BFC Chemicals, Inc.
4311 Lancaster Pike, P.O. Box 2867
Wilmington, DE 19805

NET CONTENTS:

ATTENTION: BFC 112

FIRST AID
In case of contact
before re-use
ENVIRONMENT
Do not apply
to running water

It is a violation
to read entire label

Storage
Do not co
Pesticide
Instructions
Conservation
Containers
in a safe
Consult

DISCLAIMER
SPECIAL PURPOSE
and, Advertisers
liable for any
DIRECTIONS

5-81- M-106

S
DE

TON

Percent by Weight

42%
58%
100%

NO. 1812-GA-03

iqueta le haya sido



T CONTENTS:

* Trademark of FBC Ltd

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS **CAUTION**

FIRST AID

In case of contact, immediately flush eyes or skin with plenty of water. Remove and wash contaminated clothing before re-use.

ENVIRONMENTAL HAZARDS

Do not apply directly to water. Do not apply when weather conditions favor drift from treated area. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

STORAGE AND DISPOSAL

Storage — Protect NORTRON GS from frost. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Pesticide Disposal — Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.

Container Disposal — Triple rinse (or equivalent) and offer for recycling or reconditioning or dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.

Consult federal, state or local disposal authorities for approved alternative procedures.

DISCLAIMER OF WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, WHICH EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of FBC Chemicals, Inc. is authorized to make any warranties beyond those contained herein or modify the warranties contained here. UNDER NO CIRCUMSTANCES SHALL FBC CHEMICALS, INC. BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM FAILURE TO USE THIS PRODUCT IN ACCORDANCE WITH LABEL DIRECTIONS.

581 M-1081(1) 079DS

NORTRON is a registered trademark of FBC Ltd

20

NORTRON GS

FLOWABLE HERBICIDE

GENERAL USE PRECAUTIONS

PRECAUTIONS — Grass Seed Crops: NORTRON GS may cause stunting and reduction of newly seeded perennial ryegrass if the crop is planted late in the fall and subjected to adverse climatic conditions or pesticides which restrict normal growth.

Do not graze treated crop with livestock.

NORTRON GS should be used only for recommended purposes and at recommended rates (DO NOT OVERTREAT).

Do not rotate with any crops other than sugar beets or ryegrass for 12 months after application. Thorough tillage, including moldboard plowing, should precede the planting of crops other than sugar beets or ryegrass. Do not use NORTRON GS on muck or peat soils.

If the crop is lost due to climatic or soil conditions following application of NORTRON GS, do not plant crops other than sugar beets or ryegrass in NORTRON GS treated land during the same season. Do not retreat field with NORTRON GS.

Do not mix NORTRON GS with liquid fertilizers.

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 metal containers and protect from frost.

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

DISCLAIMER OF WARRANTIES: The user assumes all liability for any damage or loss resulting from the use of this product. The manufacturer disclaims any liability for such damage or loss. The user should read the label carefully and follow all directions. The manufacturer is not responsible for any damage or loss resulting from the use of this product if the user does not follow the directions on the label.

043081A

FOR CERTAIN GRASS SEED CROPS

IN WESTERN OREGON AND WESTERN WASHINGTON

ACTIVE INGREDIENT:

Ethofumesate (2-ethoxy-2,3-dihydro-3,3-dimethyl-5-benzofuranyl methanesulfonate*)

Percent by weight

INERT INGREDIENTS:

Total 100%

*Protected by U.S. Patent No. 3,689,507

This product contains 4.0 lb active ingredient per gallon.

EPA REGISTRATION NO. 45639-60

EPA EST. NO. 18

PRECAUCION AL USUARIO: Si usted no lee ingles, no use este producto hasta que le haya sido explicada ampliamente.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with skin, eyes or clothing.

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION

FIRST AID — In case of contact, immediately flush eyes or skin with plenty of water. Remove and wash contaminated clothing before re-use.

ENVIRONMENTAL HAZARDS — Do not apply directly to water. Do not apply when weather conditions favor drift from treated area. Do not contaminate water by cleaning of equipment or disposal of wastes.



BFC Chemicals, Inc.

1000 West 10th Street
Portland, Oregon 97201

*EPA Reg. No. 45639-60

NORTRON GS

FLOWABLE HERBICIDE

FOR CERTAIN GRASS
SEED CROPS

IN WESTERN OREGON AND WESTERN WASHINGTON

GENERAL USE PRECAUTIONS

Grass Seed Crops: NORTRON GS may cause stunting and stand loss in perennial ryegrass, if the crop is planted late in the fall and climatic conditions or pesticides which restrict normal growth.

Do not graze with livestock.

Use only for recommended purposes and at recommended rates (see REAT).

Do not use on crops other than sugar beets or ryegrass for 12 months after application, including moldboard plowing, should precede the planting of sugar beets or ryegrass. Do not use NORTRON GS on muck or peat.

Do not use in climatic or soil conditions following application of NORTRON GS other than sugar beets or ryegrass in NORTRON GS treated land. Do not retreat field with NORTRON GS.

Do not mix NORTRON GS with liquid fertilizers.

Do not store in tank overnight. Flush and drain spray equipment after use. Store unused spray mixture in tightly sealed metal containers and label.

Do not transfer to other containers after application.

WARRANTIES: THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, MADE BY THE MANUFACTURER FOR ANY PARTICULAR PURPOSE OR OTHERWISE, AND NO OTHER WARRANTIES, INCLUDING THE MERCHANTABILITY OF THE PRODUCT, ARE MADE BY THE MANUFACTURER. THE USER ASSUMES ALL LIABILITY FOR ANY DAMAGE, INCLUDING PERSONAL INJURY, PROPERTY DAMAGE, OR ENVIRONMENTAL DAMAGE, RESULTING FROM THE USE OF THIS PRODUCT.

043081-A

ACTIVE INGREDIENT:

Ethofumesate (2 ethoxy 2,3-dihydro 3,3-dimethyl-5-benzofuranyl methanesulfonate*)

INERT INGREDIENTS:

Percent by Weight

42%

58%

Total 100%

*Protected by U.S. Patent No. 3,689,507

This product contains 4.0 lb active ingredient per gallon.

EPA REGISTRATION NO. 45639-60

EPA EST. NO. 1812-GA-03

PRECAUCION AL USARIO: Si usted no lee ingles, no use este producto hasta que la etiqueta le haya sido explicada ampliamente.

KEEP OUT OF REACH OF CHILDREN

CAUTION

Avoid contact with skin, eyes or clothing.

PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

FIRST AID — In case of contact, immediately flush eyes or skin with plenty of water. Remove and wash contaminated clothing before re-use.

ENVIRONMENTAL HAZARDS — Do not apply directly to water. Do not apply when weather conditions favor drift from treated area. Do not contaminate water by cleaning of equipment or disposal of waste.



BFC Chemicals, Inc.

NORTRON GS

FLOWABLE HERBICIDE

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.

STORAGE AND DISPOSAL

Storage — Protect NORTRON GS from frost.
Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.
Pesticide Disposal — Pesticide, spray mixture, or rinsate that cannot be used according to label instructions must be disposed of according to Federal, State or local procedures under the Resource Conservation and Recovery Act.
Container Disposal — Triple rinse (or equivalent) and offer for recycling or reconditioning, or dispose of in a sanitary landfill or by incineration if permitted by State and local authorities.
Consult federal, state or local disposal authorities for approved alternative procedures.

RECOMMENDATIONS

RYEGRASS, KENTUCKY BLUEGRASS AND BENTGRASS SEED CROPS (For use in Western Oregon and Western Washington only)

GENERAL INFORMATION

NORTRON GS is a selective herbicide for use in ryegrass, Kentucky bluegrass and bentgrass seed crops in Western Oregon and Western Washington. It effectively controls those weed species listed below. NORTRON GS may be applied preemergence or postemergence to new seedlings of annual or perennial ryegrass or to established stands of ryegrass. Application to Kentucky bluegrass and bentgrass is restricted to plantings which have been established for one year or longer. Soil should be moist at time of application. NORTRON GS is less effective when applied to dry soil. Rainfall shortly after application is necessary for activation.

Make only one application per season, either preemergence or postemergence, not both.

Weeds Controlled:

Annual bluegrass	<i>Poa annua</i>
Rattail fescue	<i>Festuca myuros</i>
Volunteer wheat	<i>Triticum</i> spp.
Volunteer barley	<i>Hordeum</i> spp.
Soft chess	<i>Bromus mollis</i>
Wild oats	<i>Avena fatua</i>
Downy brome	<i>Bromus tectorum</i>
Common chickweed	<i>Stellaria media</i>
Common vetch	<i>Vicia sativa</i>
Common velvetgrass	<i>Hoicus lanatus</i>
Mannagrass	<i>Glyceria</i> spp.

Note: NORTRON GS does not control volunteer ryegrass. Other registered herbicides will be required to control volunteer annual or perennial ryegrass seedlings.

HOW TO USE:

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 1 to 50 gallons of water per acre at a pressure of 20-50 psi.

NEW SEEDINGS OF ANNUAL OR PERENNIAL RYEGRASS:

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

Before Weed Emergence: Apply NORTRON GS after seeding and prior to emergence. For best results apply to moist soil. Apply 1½ to 3 pints per acre. For lower rate of control of annual bluegrass and common chickweed. For control of fescue and other weeds listed, use 2½ to 3 pints.

After Weed Emergence: Apply NORTRON GS at earliest possible weed growth stage, no later than the 4-leaf stage. Rattail fescue, which is more difficult to control, is treated no later than the 2-leaf stage. Apply 2½ to 3½ pints per acre. Use the higher rate where rattail fescue is present and where weed infestation is heavy.

ESTABLISHED STANDS OF PERENNIAL RYEGRASS:

Before Weed Emergence: Apply NORTRON GS at 2½ to 4 pints per acre prior to emergence. Use higher rate where rattail fescue is 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 GS at earliest possible weed growth stage, no later than the 4-leaf stage. Rattail fescue, which is more difficult to control, is treated no later than the 2-leaf stage. Apply 2½ to 3 pints per acre. Use the higher rate where rattail fescue is present. Where weed pressure is very heavy and rattail fescue is at the maximum stage of growth for treating, a rate of 3½ pints of NORTRON GS is recommended.

ESTABLISHED STANDS OF KENTUCKY BLUEGRASS AND 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 will result in reduced weed control.

Before Weed Emergence: Apply NORTRON GS at 1½ to 3 pints per acre prior to emergence. Use higher rate where rattail fescue is expected to be a problem. For best results, apply to moist soil.

After Weed Emergence: Apply NORTRON GS at earliest possible weed growth stage, no later than the 4-leaf stage. Rattail fescue, which is more difficult to control, is 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 is a problem. Do not apply more than 3 pints of NORTRON GS per acre on Kentucky bluegrass and bentgrass.

NORTRON GS

FLOWABLE HERBICIDE

DIRECTIONS FOR USE

Read the entire label and Federal law to use this product in a manner inconsistent with its intended use. Read the Directions for Use and Disclaimer of Warranties before using this product.

STORAGE AND DISPOSAL

Protect NORTRON GS from frost. Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited.

Disposal — Pesticide, spray mixture, or rinsate that cannot be used according to the label instructions must be disposed of according to Federal, State or local laws under the Resource Conservation and Recovery Act.

Disposal — Triple rinse (or equivalent) and offer for recycling or reclamation. If not accepted, dispose of in a sanitary landfill or by incineration if permitted by local, State or Federal authorities.

Follow State or local disposal authorities for approved alternative procedures.

RECOMMENDATIONS

KENTUCKY BLUEGRASS AND BENTGRASS SEED CROPS (For use in Oregon and Western Washington only)

GENERAL INFORMATION

NORTRON GS is a selective herbicide for use in ryegrass, Kentucky bluegrass and bentgrass in Western Oregon and Western Washington. It effectively controls weeds listed below. NORTRON GS may be applied preemergence or postemergence to new seedlings of annual or perennial ryegrass or to established stands. Application to Kentucky bluegrass and bentgrass is restricted to stands that have been established for one year or longer. Soil should be moist at the time of application. NORTRON GS is less effective when applied to dry soil. Rainfall or irrigation is necessary for activation.

Apply one application per season, either preemergence or postemergence, not

Weeds Controlled:

Annual bluegrass	<i>Poa annua</i>
Rattail fescue	<i>Festuca myuros</i>
Volunteer wheat	<i>Triticum spp.</i>
Volunteer barley	<i>Hordeum spp.</i>
Soft chess	<i>Bromus mollis</i>
Wild oats	<i>Avena fatua</i>
Downy brome	<i>Bromus tectorum</i>
Common chickweed	<i>Stellaria media</i>
Common vetch	<i>Vicia sativa</i>
Common velvetgrass	<i>Holcus lanatus</i>
Mannagrass	<i>Glyceria spp.</i>

NORTRON GS does not control volunteer ryegrass. Other registered herbicides may be used to control volunteer annual or perennial ryegrass seedlings.

Use a fixed boom power sprayer properly calibrated to a constant spray rate for delivery. Do not use smaller than 60 mesh strainer. Avoid overlapping, shut off boom while starting, turning or stopping to avoid overlapping. Apply 1 to 3 gallons of water per acre at low pressure (20-50 psi).

NEW SEEDINGS OF ANNUAL OR PERENNIAL RYEGRASS:

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 GS. All existing vegetative growth should be thoroughly worked into the soil before treatment.

Before Weed Emergence: Apply NORTRON GS 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 of control of annual bluegrass and common chickweed. For control of rattail fescue and other weeds listed, use 2½ to 3 pints.

After Weed Emergence: Apply NORTRON GS at earliest possible weed growth stage but no later than the 4-leaf stage. Rattail fescue, which is more difficult to control, must be treated no later than the 2-leaf stage. Apply 2½ to 3½ pints per acre. Use the higher rate where rattail fescue is present and where weed infestation is heavy.

ESTABLISHED STANDS OF PERENNIAL RYEGRASS:

Before Weed Emergence: Apply NORTRON GS at 2½ to 3 pints per acre prior to weed emergence. Use higher rate where rattail fescue is 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 GS at earliest possible weed growth stage but no later than the 4-leaf stage. Rattail fescue, which is 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 is present. Where weed pressure is very heavy and rattail fescue is at the maximum stage of growth for treating, a rate of 3½ pints of NORTRON GS is recommended.

ESTABLISHED STANDS OF KENTUCKY BLUEGRASS AND 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 GS at 1½ to 3 pints per acre prior to weed emergence. Use higher rate where rattail fescue is expected to be a problem. For best results, apply to moist soil.

After Weed Emergence: Apply NORTRON GS at earliest possible weed growth stage but no later than the 4-leaf stage. Rattail fescue, which is 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 is a problem. Do not apply more than 3 pints of NORTRON GS per acre on Kentucky bluegrass and bentgrass.