

Feb-21-1973

2139-108

## GENERAL INFORMATION

BROMEX is effective for the control of certain annual grass and annual broadleaf weeds when applied pre-emergence to soybeans, and Irish potatoes. BROMEX may be applied as a broadcast or as a band treatment to the soil surface at planting, or at any time pre-emergence to the crop. BROMEX may be used as a tank-mix with Lasso\* herbicide on soybeans and field corn.

Dry weather conditions reduce the herbicidal activity of BROMEX. Sufficient moisture to carry the herbicide into the root zone of germinating weeds must be provided by rainfall or sprinkler irrigation. The seed bed should be well prepared and as free as possible from trash and clods.

BROMEX is effective for controlling annual grass and annual broadleaf weeds such as:

COMMON NAME	SCIENTIFIC NAME	COMMON NAME	SCIENTIFIC NAME
Barnyardgrass	<i>Echinochloa crusgalli</i>	Jimsonweed	<i>Datura stramonium</i>
Black Nightshade	<i>Solanum nigrum</i>	Lambsquarters	<i>Chenopodium album</i>
Carpetweed	<i>Mollugo verticillata</i>	Careless Pigweed	<i>Amaranthus spp.</i>
Cocklebur	<i>Xanthium spp.</i>	Rough Pigweed	<i>Amaranthus retroflexus</i>
Crabgrass	<i>Digitaria spp.</i>	Smooth Pigweed	<i>Amaranthus hybridus</i>
Fall Panicum	<i>Panicum dichotomiflorum</i>	Prickly Side (Teaweed)	<i>Sida spinosa</i>
Florida Pussley	<i>Richardia spp.</i>	Purslane	<i>Portulaca oleracea</i>
Foxtail Millet	<i>Setaria italica</i>	Ragweed	<i>Ambrosia artemisiifolia</i>
Giant Foxtail	<i>Setaria faberii</i>	Signalgrass	<i>Brachiaria spp.</i>
Green Foxtail	<i>Setaria viridis</i>	Smartweeds	<i>Polygonum spp.</i>
Yellow Foxtail	<i>Setaria glauca</i>	Velvetleaf	<i>Abutilon theophrasti</i>
Goosegrass	<i>Eleusine indica</i>	Wild Mustard	<i>Brassica spp.</i>
		Witchgrass	<i>Panicum capillare</i>

BROMEX at recommended rates will not provide satisfactory control of established perennial weeds.

\*Reg. U.S. Pat. Off. Monsanto Company.

## DIRECTIONS FOR USE

Apply BROMEX or BROMEX-Lasso tank mixture in 25 to 40 gallons of water per acre to the soil surface with conventional power sprayers.

**SOYBEANS:** Apply BROMEX or BROMEX-Lasso as a broadcast or as a band treatment to the soil surface at planting or at any time pre-emergence to crops and weeds. Rates of application depend on soil texture and organic matter; see Table 1 below for the correct rate of BROMEX per acre. See Table 2 below for the correct rate of BROMEX-Lasso mixture.

**FIELD CORN:** Apply BROMEX-Lasso as a broadcast or as a band treatment to the soil surface at planting or at any time pre-emergence to crops and weeds. See Table 2 below for the correct rate of BROMEX-Lasso mixture.

**POTATOES:** BROMEX may be applied as a broadcast or as a band treatment to the soil surface after planting or after drag-off but pre-emergence to the crop. In Northern potato growing areas when crop emergence is delayed by cool weather, best results are obtained by applying BROMEX just prior to crop emergence. Rates of application depend on soil texture and organic matter; see Table 1 below for the correct rate of BROMEX per acre.

TABLE 1  
BROADCAST RATE OF BROMEX 50 WP PER ACRE FOR SOYBEANS AND POTATOES<sup>1</sup>

Soil Texture	Organic Matter (%)	Pounds of BROMEX 50 WP Per Acre*	
		Soybeans	Potatoes
Silt loam	2.0-4.0	4.0-6.0	4.0-6.0
Clay	2.0-3.0	7.0-8.0	7.0-8.0
Clay loam	2.0-5.0	4.5-8.0	4.0-6.0
Sandy loam	1.0-2.0	2.0-3.0	4.0
Silt loam	1.0-2.0	2.5-4.0	4.0
Clay loam	1.0-2.0	3.0-5.0	4.0

DO NOT USE ON SOILS CONTAINING LESS THAN 1% ORGANIC MATTER AS CROP INJURY MAY OCCUR.  
\*NOTE: BROMEX at the highest recommended rate may not give satisfactory weed control on high organic soils. Use the lower rate on the lightest soil texture for each soil class.

TABLE 2  
BROADCAST RATE OF BROMEX 50 WP/Lasso 4EC PER ACRE FOR SOYBEANS AND FIELD CORN<sup>1</sup>

Soil Texture	1-3% Organic Matter		3-5% Organic Matter	
	Lasso Quarts	+ BROMEX Pounds	Lasso Quarts	+ BROMEX Pounds
Sandy loam	1.5	1.5-2.0	1.5	2.0-3.0
Silt loam	1.5**	1.5-2.25	2.0	2.25-3.25
Clay loam	2.0	2.5-4.0	2.0	3.5-4.5

DO NOT USE ON SAND OR LOAMY SAND NOR ON SOIL WITH LESS THAN 1% ORGANIC MATTER AS CROP INJURY MAY OCCUR.

\*\*Increase by 1/2 quart for red rice, Johnsongrass seedlings, and nutgrass.

<sup>1</sup> Use the lower rate on soils with minimum organic matter listed and the higher rate on maximum organic matter listed. In areas of heavy grass or broadleaf weed infestations, use the higher rates in the recommended ranges.

For band treatment, the amount of BROMEX required may be calculated by the formula:

$$\frac{\text{Band width in inches}}{\text{Row width in inches}} \times \text{Rate per acre for broadcast treatment} = \text{Amount needed for band treatment}$$

728

READ ADDITIONAL PRECAUTIONS AND INSTRUCTIONS ON SIDE PANEL

NA 1007



MANUFACTURED FOR  
**NOR-AM**  
AGRICULTURAL PRODUCTS, INC.  
CHICAGO, ILLINOIS 60606

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### USE PRECAUTIONS

**NOTE:** Observe all limitations and precautions which appear on the Lasso label.

Use of BROMEX or BROMEX-Lasso on soybeans and field corn is restricted to Central, Eastern and Southern United States. Do not use on soils containing less than 1% organic matter.

Calibrate sprayer accurately, and operate at a constant speed. If sprayer is slowed or stopped, shut off spray or overdosage may result in crop injury. Do not overlap the spray applications.

Soybeans and field corn should be planted to a depth of at least 1 1/4 inches or crop injury may result. Use BROMEX or BROMEX-Lasso only on soybeans or field corn planted on flat or raised beds. Do not use BROMEX-Lasso on inbred parent stock seed corn.

Use only one application of BROMEX or BROMEX-Lasso during any one year. Do not use soybean forage for feed use within 60 days of application of BROMEX or BROMEX-Lasso. At least 12 weeks must elapse following treatment with BROMEX-Lasso tank mixture before mature field corn forage can be harvested or fed to cattle. Do not graze treated areas with livestock.

Do not spray over top of emerged potatoes. Do not harvest immature potato tubers.

**NOTE**—If unusually heavy rainfall occurs following application of BROMEX or BROMEX-Lasso tank mixture, severe crop injury may result.

Treated fields may be replanted to soybeans, field corn or Irish potatoes within 6 months after applying BROMEX or BROMEX-Lasso tank mixture. Thoroughly rework the soil prior to planting succeeding crops.

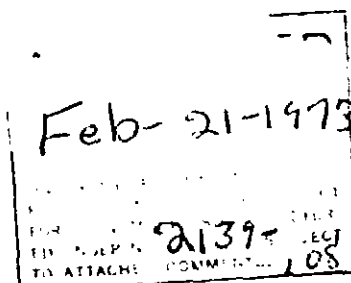
Thoroughly clean spray immediately after use. Discard unused spray mixture in a safe place daily.

Destroy empty container by burning. Do not inhale smoke from burning containers.

### MIXING INSTRUCTIONS:

MAKE CERTAIN SPRAY EQUIPMENT HAS BEEN THOROUGHLY CLEANED BEFORE USING THIS PRODUCT. Fill the spray tank with 1/2 to 1/3 the total amount of water to be used. BROMEX should be thoroughly mixed as a paste or thick slurry in a separate container before adding to the spray tank. Add BROMEX slurry to the spray tank while agitating. If BROMEX-Lasso tank mix is to be used, add the proper amount of Lasso. Fill the remaining portion of the tank with water. Do not leave spray mixture in tank without constant agitation. Agitate by mechanical or hydraulic means. With hydraulic system, use a separate agitation line in addition to by-pass line. Both lines should terminate at the bottom of the tank to minimize foaming. Screen openings should be 50 mesh. Use Tee Jet nozzle tips 8002 to 8006, or equivalent, for broadcast treatments or 8002E to 8006E, or equivalent, for band applications.

BEST DOCUMENT AVAILABLE



# *Brome*

## PRE-EMERGEN

for weed control in soybeans

E.P.A. Registrat

**ACTIVE INGREDIENT:**

Chlorbromuron\*

**INERT INGREDIENTS**

\*3-(4-bromo-3-chlorophenyl)

**IMPORTANT: READ ENTIRE LABEL**

**CAUTION**

Keep out of reach of

May be harmful if swallowed. May cause eye  
Wear safety goggles when handling. In case  
attention. Avoid contact with the skin. Avoid  
and wash clothing before reusing. Wash hands  
or smoking. Do not contaminate food or feed

**NOTE:** This product is toxic to fish. Keep out  
is likely to occur. Do not apply when weather  
contaminate water by cleaning of equipment  
as specified on this label.

**IMPORTANT: READ BEI**

Purchase or use of this product shall const  
NOR-AM Agricultural Products, Inc. (NOR-A  
chemical descriptions on this label and is r  
Do not use this product in a manner

**INERT INGREDIENTS**

**50%**

**Total 100%**

\*3-(4-bromo-3-chlorophenyl)-1-methoxy-1-methylurea

**IMPORTANT: READ ENTIRE LABEL BEFORE USING THIS PRODUCT**  
**CAUTION**

Keep out of reach of children and animals.

May be harmful if swallowed. May cause eye damage. Avoid contact of dust or spray to eyes. Wear safety goggles when handling. In case of contact, flush with water and get medical attention. Avoid contact with the skin. Avoid inhaling dust or spray mist. Wear clean clothes and wash clothing before reusing. Wash hands with soap and water before eating, drinking, or smoking. Do not contaminate food or feed. See side panel for additional precautions.

**NOTE:** This product is toxic to fish. Keep out of any body of water. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

**IMPORTANT: READ BEFORE PURCHASE OR USE**

Purchase or use of this product shall constitute acceptance of the following terms of sale. NOR-AM Agricultural Products, Inc. (NOR-AM) warrants that this product conforms to the chemical descriptions on this label and is reasonably fit for the purposes specified hereon. By way of limitation but not in derogation of the directions and statements printed on this label, Seller makes no warranty and no representation and NOR-AM makes no further warranty or representation, expressed or implied, including but not limited to any warranty as to MERCHANTABILITY, and no agent of NOR-AM is authorized to do so except in writing, with a specific reference to the foregoing warranty. Since neither Seller nor NOR-AM has any control over the handling, storage, use or conditions of use of this product, Buyer or User assumes all risks and liability arising from handling, storage or use of this product under abnormal conditions or not in strict compliance with the directions and precautionary statements hereon. All claims related to the purchase, handling, storage or use of this product shall be barred unless written notice is given to NOR-AM within 30 days after the loss is discovered. Liability of the Seller or NOR-AM for any damages arising from a breach of this warranty shall be limited to exclude consequential commercial damages.

**DO NOT RE-USE THIS CONTAINER**

**NET CONTENTS: 5 LBS.**

U. S. PATENT NO'S. 3,497,541-3,288,851



Another "Peace of Mind" product from

**NOR-AM®**

AGRICULTURAL PRODUCTS, INC.

CHICAGO, ILLINOIS 60606

PRINTED IN U.S.A.

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