

blazer^{2L}
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POSTEMERGENCE
HERBICIDE

KEEP OUT OF REACH OF CHILDREN
DANGER PELIGRO
NOT FOR HOME USE.

For use only on crops and ornamentals as directed on the label. Do not use on lawns, gardens, or other areas where children or pets may be present. Do not use on food crops unless specifically labeled for such use. Do not use on crops or ornamentals unless specifically labeled for such use. Do not use on crops or ornamentals unless specifically labeled for such use. Do not use on crops or ornamentals unless specifically labeled for such use.

ACTIVE INGREDIENT

2,4-Dichlorophenoxyacetic acid (2,4-D) 20.0%
 2,4-Dichlorophenoxyacetic acid (2,4-D) 20.0%

INERT INGREDIENTS

Water 80.0%
 Water 80.0%



PRECAUTIONARY STATEMENTS
Hazards to Humans and
Domestic Animals

DANGER PELIGRO

Causes eye irritation. Harmful if swallowed, inhaled, or absorbed through the skin. Do not get in eyes. Wear goggles or eye shield when handling. Avoid breathing vapor or spray mist and contact with skin or clothing. If contact occurs, immediately remove contaminated clothing and shoes. Wash contaminated clothing with soap and hot water before reuse.

Statement of Practical Treatment

If in eyes: Flush with large amounts of water for at least 15 minutes. Consult a physician if irritation persists.

If on skin: Wash with plenty of soap and water. Do not scratch or irritate the skin.

If swallowed: Do not induce vomiting. Drink plenty of water. Do not eat or drink until a physician is consulted.

Notes: Physician should be consulted for treatment.

Environmental Hazards

This product is highly toxic to fish and aquatic life. Do not use in or near water bodies. Do not use in or near water bodies. Do not use in or near water bodies.

DIRECTIONS FOR USE

General Classification

For use only on crops and ornamentals as directed on the label.

(SEE ATTACHED BROOKLET FOR COMPLETE USE DIRECTIONS.)

SHAKE WELL BEFORE USING.

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STORAGE AND DISPOSAL

Steps to be Taken in Case Material is Released or Spilled: If a spill or release occurs, immediately contain and isolate the spill, prevent further release, and notify the appropriate authorities. If the spill is large or hazardous, evacuate the area and call the fire department. If the spill is small and non-hazardous, clean it up using appropriate methods. If the spill is on a surface, clean it up using appropriate methods. If the spill is in a container, clean it up using appropriate methods. If the spill is in a container, clean it up using appropriate methods. If the spill is in a container, clean it up using appropriate methods.

THE EXPRESS OR IMPLIED WARRANTY IS LIMITED TO THE HANTAE LIFE INSURANCE CO. FOR A PARTICULAR USE OR PURPOSE. THE HANTAE LIFE INSURANCE CO. SHALL BE HELD LIABLE FOR CONSEQUENTIA, SPECIAL OR INCIDENTAL DAMAGES RESULTING FROM THE HANTAE LIFE INSURANCE CO. FOR USE OF THIS PRODUCT.

NET CONTENTS 1 GALLON (3.785 LITERS)

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Mr. Thomas D. Rogerson
Rohm and Haas Company
Independence Mall West
Philadelphia, PA 19105

Dear Mr. Rogerson:

Subject: Amendment - Label Revisions
Blazer 2L
EPA Registration No. 707-149
Blazer 2S
EPA Registration No. 707-150
Your Submissions of April 5, 1984

The amendments referred to above are acceptable provided you make the changes listed below. The following comments apply to the precautionary statements section for both products:

1. Your response to the Farmworker Safety HIP is incomplete. Products in Toxicity Categories I and II must include a Spanish signal word. Refer to PR Notice 83-2 for appropriate wording.
2. Under Statements of Practical Treatment, instructions to "Get medical attention" must be reinstated. Due to the level of irritation accompanying exposure to Category I and II substances, language in PR Notice 11-3 is applicable for skin and eye effects.

Submit one (1) copy of your new printed labeling. Are you releasing the product or submitting a new label? The labeling is enclosed for your records.

Sincerely,

Thomas D. Rogerson
Regional Manager (73)
Philadelphia District Branch
Registration Division (73-707)

Enclosure

RD/RL:DCR-12/11/84 (Mounting) 13/1/84 (13/1/84) 13/1/84 (13/1/84) 13/1/84 (13/1/84)

REFERENCES							
SYMBOL							
SURNAME							
DATE							

blazer[®] 2L

Herbicide for
soybeans, peanuts and rice

Blazer 2L herbicide
for use on soybeans, peanuts and rice

EPA Reg. No. 707-149
EPA Est. No. 707-TX-1
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DIRECTIONS FOR USE

General Classification.

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

NOTICE: Before using this product, read the entire Precautionary Statements, Conditions of Sale and Warranty, and Storage and Disposal instructions on container label. If the Conditions of Sale and Warranty are not acceptable, return the product unopened within thirty days of purchase to the place of purchase.

CONDITIONS OF SALE AND WARRANTY

Rohm and Haas warrants that the product conforms to its chemical description and is reasonably fit for the purpose stated on the label only when used in accordance with label directions under normal conditions of use. **ROHM AND HAAS MAKES NO OTHER EXPRESS OR IMPLIED WARRANTIES EITHER OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE.** Handling, storage and use of the product by Buyer or User are beyond the control of Rohm and Haas and Seller. Risks such as crop injury, ineffectiveness or other unintended consequences resulting from, but not limited to, weather or soil conditions, presence of other materials, disease, pests, drift to other crops or property or failure to follow label directions will be assumed by the Buyer or User. **IN NO CASE WILL ROHM AND HAAS OR SELLER BE HELD LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE HANDLING, STORAGE OR USE OF THIS PRODUCT.**

GENERAL INFORMATION POSTEMERGENCE

SOYBEANS, PEANUTS AND RICE

SHAKE WELL BEFORE USING

BLAZER 2L is a selective broad-spectrum herbicide recommended for postemergence applications to soybeans, peanuts and rice to control susceptible weeds. Optimum weed control is achieved when young actively growing weed seedlings are treated. It is important to cover all weed parts thoroughly as BLAZER 2L herbicide works primarily by contact action. Failure to follow the suggested dosages on maximum leaf stage limits may result in unsatisfactory control. See the weed charts and special use directions for recommended rates and timing of applications.

BLAZER 2L herbicide is formulated as a liquid concentrate containing 2 pounds of active ingredient per gallon of product. In this label text TRITON® AG-98 is recommended as the choice of surfactant.

The use of comparable 80% active nonionic surfactants cleared for application on growing crops is also satisfactory. TRITON AG-98 surfactant should usually be used at a rate of 1 pint per 100 gallons of spray mixture. Some weeds respond to additional surfactant. See special use directions for specific weeds and amounts of TRITON AG-98 surfactant necessary for control.

Crop oil concentrate may be used in place of TRITON AG-98 surfactant where specific use directions are detailed on this label or on other approved Rohm and Haas Company supplemental labeling. The use of crop oil concentrate will result in greater crop response.

Soybeans, peanuts and rice are tolerant to postemergence applications of BLAZER 2L herbicide when applied at the recommended growth stages and suggested dosage rates. Leaves may respond to BLAZER 2L herbicide and exhibit burning, crinkling and bronzing, particularly on the youngest leaves present at the time of application. Exposed stems may also exhibit external spotting and bronzing. The addition of TRITON AG-98 surfactant may intensify the crop response. Crops outgrow this condition and continue to develop normally.

SOYBEANS AND PEANUTS
BLAZER 2L HERBICIDE WEED CONTROL AND USE RATE TABLE

Rate: The rate for broad spectrum control is 2 pints of BLAZER 2L herbicide per acre plus 1 pint of TRITON AG-90 surfactant per 100 gallons of spray mix

		1.5 Pints/Acre	2.0 Pints/Acre	3.0 Pints/Acre**
Weed Species		Leaf Stage (maximum)*	Leaf Stage (maximum)*	Leaf Stage (maximum)*
ANNUAL BROADLEAF WEEDS				
AMARANTH, PALMER	<i>Amaranthus palmeri</i>	4	6	—
AMARANTH, SPINY	<i>Amaranthus spinosus</i>	—	6	—
BALLOONVINE	<i>Cardiospermum halicacabum</i>	—	4	—
BEGGARWEED, FLORIDA	<i>Desmodium illinoense</i>	—	3***	—
BUCKWHEAT, WILD	<i>Polygonum convolvulus</i>	—	4	—
BUFFALOBUR	<i>Solanum rostratum</i>	—	3***	—
BURGERKIN	<i>Cucumis anguria</i>	—	4***	—
CARPETWEED	<i>Mollugo verticillata</i>	multi 6" dia	multi 8" dia	—
CITRON (WILD WATERMELON)	<i>Citrullus vulgaris</i>	—	4***	—
COCKLEBUR, COMMON	<i>Xanthium pensylvanicum</i>	—	4***	8***
COCKLEBUR, HEARTLEAF	<i>Xanthium strumarium</i>	—	4***	8***
COPPERLEAF, HOPHORNBEAM	<i>Acalypha ostryaefolia</i>	2	4	—
COPPERLEAF, VIRGINIA	<i>Acalypha virginica</i>	—	4	—
COWPEA, VOLUNTEER	<i>Vigna sinensis</i>	—	1***	—
CROTALARIA, SHOWY	<i>Crotalaria spectabilis</i>	—	See special use directions for rate	—
CROTON, TROPIC	<i>Croton glandulosus</i>	—	2	—
CROTON, WOOLLY	<i>Croton capitatus</i>	—	2	—
CUCUMBER, WILD SPINY	<i>Cucumis dipsaceus</i>	—	4***	—
DEVILSCLAW	<i>Proboscidea louisianica</i>	—	2	—
GALINSOGA, HAIRY	<i>Galinsoga ciliata</i>	—	4	6
GALINSOGA, SMALLFLOWER	<i>Galinsoga parviflora</i>	—	4	6
GOULD, TEXAS	<i>Cucurbita texana</i>	—	3***	—
GROUNDCHERRY, CUTLEAF	<i>Physalis angulata</i>	2	4	6
GROUNDCHERRY, LANCELEAF	<i>Physalis lanceifolia</i>	—	4	6
INDIGO, HAIRY	<i>Indigofera hirsuta</i>	—	3	—
JIMSONWEED	<i>Datura stramonium</i>	6	8	12
LADYSTHUMB	<i>Polygonum persicaria</i>	—	4	—
LAMBSQUARTERS, COMMON	<i>Chenopodium album</i>	—	3***	—
MALLOW, VENICE	<i>Hibiscus trionum</i>	—	3	4
MORNINGGLORY				
CYPRESSVINE	<i>Ipomoea quamoclit</i>	—	4	6
ENTIRELEAF	<i>Ipomoea hederacea</i> var. <i>integrifolia</i>	—	3	4
TWYLEAF	<i>Ipomoea hederacea</i> var. <i>hederacea</i>	—	3	4
PURPLE MOONFLOWER	<i>Ipomoea purpurea</i>	4	4	6
SCARLET	<i>Ipomoea coccinea</i>	—	4	6
SMALLFLOWER	<i>Ipomoea pes-caprae</i>	—	4	6
SMALL WHITE, FITTED	<i>Ipomoea albens</i>	4	4	3
TALL, COMMON	<i>Ipomoea purpurea</i>	—	3	4
WILLOWLEAF, PALM LEAF	<i>Ipomoea albens</i>	—	4	6
MUSTARD, WILD	<i>Raphanus raphanistrum</i>	4	6	10
NIGHTSHADE, EASTERN BLACK	<i>Solanum elaeagnifolium</i>	—	4	8
NIGHTSHADE, BLACK	<i>Solanum nigrum</i>	—	4	8
PIGWEEED PROSTRATE	<i>Amaranthus retrofractus</i>	4	6	8
PIGWEEED REDROOT	<i>Amaranthus retrofractus</i>	4	6	8
PIGWEEED SMOOTH	<i>Amaranthus retrofractus</i>	4	6	8
POINSETTIA, WILD	<i>Euphorbia heterophylla</i>	—	2***	—
POORJOE	<i>Cordia alliodora</i>	—	4	—
PURSLANE, COMMON	<i>Portulaca oleracea</i>	multi 6" dia	multi 8" dia	—
PUSLEY, FLORIDA	<i>Rhinanthus scabra</i>	—	—	4
RAGWEED, COMMON	<i>Ambrosia artemisiifolia</i>	4	4	3
RAGWEED, GIANT	<i>Ambrosia trifida</i>	—	4	—
SENNA, COFFEE	<i>Cassia occidentalis</i>	—	—	2***
SESBANIA, HEMP	<i>Sesbania portulacastrum</i>	—	See special use directions for rate	—
SMARTWEED, PENNSYLVANIA	<i>Polygonum persicaria</i>	—	4	3
SMELLMELON	<i>Cucumis melo</i>	—	4***	—
SPURGE, PROSTRATE	<i>Euphorbia prostrata</i>	—	multi 6" dia	—
SPURGE, SPOTTED	<i>Euphorbia maculata</i>	—	multi 6" dia	—
STARBUR, BRISTLY	<i>Acanthospermum hispidum</i>	—	—	2***
VELVETLEAF	<i>Abutilon theophrasti</i>	—	—	3***
WATERHEMP, TALL	<i>Amaranthus tuberosus</i>	—	4	6

SOYBEANS AND PEANUTS **BLAZER 2L HERBICIDE WEED CONTROL AND USE RATE TABLE**

Rate: The rate for broad spectrum control is 2 pints BLAZER 2L herbicide per acre, plus 1 pint of TRITON AG-98 surfactant per 100 gallons of spray mix.

Weed Species		1.5 Pints/Acre	2.0 Pints/Acre	3.0 Pints/Acre**
		Leaf Stage (maximum)*	Leaf Stage (maximum)*	Leaf Stage (maximum)*
ANNUAL GRASSES				
FOXTAIL, GIANT	<i>Setaria fabryi</i>	---	---	1***
FOXTAIL, GREEN	<i>Setaria viridis</i>	---	3***	4***
FOXTAIL, YELLOW	<i>Setaria pterodescens</i>	---	3***	4***
JOHNSONGRASS, SEEDLING	<i>Sorghum halepense</i>	---	3***	4***
PANICUM, FALL	<i>Panicum polyanthemum</i>	---	3***	4***
SHATTERCANE	<i>Sorghum bicolor</i>	---	3***	4***
VOLUNTEER SMALL GRAINS	Barley, oats, rye, wheat	---	---	4***
PERENNIAL WEEDS				
BINDWEED, FIELD	<i>Convolvulus arvensis</i>	---	multi***	---
BINDWEED, HEDGE	<i>Convolvulus sepium</i>	---	multi***	---
MILKWEED, CLIMBING	<i>Sarcostemma cyananthoides</i>	---	multi***	---
MILKWEED, COMMON	<i>Asclepias syriaca</i>	---	multi***	---
REDVINE	<i>Brunnicha cinnosa</i>	---	multi***	---
THISTLE, CANADA	<i>Cirsium arvense</i>	---	multi***	---
TRUMPETCREEPER	<i>Campsis radicans</i>	---	multi***	---

*Do not count leaves as pairs. Count each leaf separately. Do not count trifoliate leaves. Spraying weeds in the cotyledon growth stage is not recommended.

**For peanuts do not exceed 2 pints per acre.

***See Special Use Directions for these weed problems.

MIXING

BLAZER 2L herbicide causes eye damage. Do not get in eyes. Wear goggles or face shield when handling. In case of eye contact, flush eyes with plenty of water for at least 15 minutes and call a physician.

Refer to container label for additional precautionary statements.

For the control of most annual broadleaf weed species, a use rate of 2 pints (0.5 lb. active) per acre on a broadcast or overall basis is recommended. Fill the spray tank about two-thirds full with water. Add the required amount of BLAZER 2L herbicide and TRITON AG-98 surfactant, mix thoroughly and continue filling the spray tank. Maintain sufficient agitation during mixing and spraying to insure a uniform spray mixture.

GROUND APPLICATION

BLAZER 2L herbicide may be applied by ground equipment using standard herbicide sprayers equipped with low-drift, flat fan nozzles. Spray equipment should be calibrated to deliver a minimum of 20 gallons of spray mixture per acre. A spray pressure of 40 to 60 psi at the nozzle tip is recommended. Adjust the height of the boom above the crop to give complete coverage of all weeds. The high fanage and high pressure will promote a complete coverage of weeds. For further information on optimum spray pressures and specific nozzles, refer to manufacturers' charts for recommendations.

Cultivation before or during the application is not recommended. Cultivation may put weeds in the soil, thus making them more difficult to control. Timely cultivation 7 days after application will usually assist in weed control.

Row banding equipment should be adjusted to give the maximum coverage of weeds in the row. To insure coverage of the weeds can be obtained with two nozzles directed from either side of the crop row toward the weeds in the center rows. Recommendation is to band width is 15 inches with a minimum of 15 gallons of water per acre on this band. Application with a single nozzle over the top of weeds in the center rows is not recommended.

LOW PRESSURE SPRAY NOZZLES ARE NOT RECOMMENDED.

AERIAL APPLICATION

For the control of weeds on this label, use the rates listed for BLAZER 2L herbicide and TRITON AG-98 surfactant, and do not exceed the maximum leaf stages. Best coverage of weeds occurs when soybeans are not past the first to second trifoliate leaf stage or before peanuts start to cover the soil. BLAZER 2L herbicide should be applied in a minimum of 5 to 10 gallons of water per acre. BLAZER 2L herbicide applied in 5 gallons per acre has been effective for control of hemp sesbania or control of other weeds, the 10 gallon per acre spray volume is recommended. Nozzles on spray booms should not be placed any closer to wing tips than 1/4 of the wing span. This will minimize the formation of spray or wing-tip vortices. A height of 6 to 10 feet over the crops is recommended. Swirljet or hollow cone nozzles are suggested. Keep pressure below 40 psi. Nozzles should point to the rear of the aircraft and not be pointed downward more than 20 degrees.

AVOID DRIFT

When spraying, adequate care must be exercised to prevent spray drift which could result in damage to other crops. Aerial spraying when other crops are less than 100 yards downwind or 50 yards downwind from the point of application is not recommended. The use of Nalco-Tri-P or another cleared drift control agent may reduce this hazard; however, the drift control agent may also decrease the weed control activity.

IMPORTANT

Aerial applicators must be familiar with the EPA registered label and follow the use precautions. Spraying of BLAZER 2L herbicide in a manner other than as recommended is done at the user's risk. Users are responsible for a loss or damage which results from such spraying. In addition, aerial application should be in a suitable state and not regulated, and not in a state of emergency. The use of the label and all regulations, if any, must be followed. Regulations should apply to avoid drift hazards.

TIMING

For best control of susceptible weeds, apply BLAZER 2L herbicide when seedling weeds are in the 2 to 4 leaf stage and actively growing. This usually occurs 14 to 21 days after planting the crop. In hand seeded narrow row soybean plantings, BLAZER 2L herbicide should be applied when soybeans are in the 1 to 2 trifoliate leaf stage in order to insure good spray coverage of weeds. For suggestions after the weeds exceed the maximum leaf stage of development listed in the weed table, see use instructions for tank mixture with Basagran (soybeans) and tank mixture with 2,4-DB (soybeans and peanuts).

MULTIPLE APPLICATIONS

SOYBEANS

Multiple applications of BLAZER 2L herbicide, not exceeding a combined total of 4 pints (1.0 lb. active) per acre per season, can be used as needed to control new weed flushes. Soybeans (conventionally planted) past the third trifoliate stage of development may interfere with the spray pattern, thus preventing adequate spray coverage of weeds and reducing effectiveness. When using multiple applications for the control of subsequent weed flushes, spray equipment should be further adjusted to direct the spray toward the weeds. Specific use directions for multiple applications are covered under the section Special Use Directions for Additional Weed Problems.

PEANUTS

Multiple applications are not suggested in peanuts since the maximum allowable rate per acre is 2 pints of BLAZER 2L herbicide (0.5 lb. active).

RICE (NOT FOR USE IN CALIFORNIA)

BLAZER 2L herbicide is suggested for aerial application to rice for control of hemp sesbania (*Sesbania exaltata*). BLAZER 2L herbicide should be applied to actively growing sesbania plants but before the sesbania is in the flowering stage. Best coverage is usually obtained when the sesbania is above the rice plants. A treatment may be applied when rice is at the late tillering stage up to the early boot stage, which is normally in June and July. A second application of 1/2 pint BLAZER 2L herbicide (0.125 lb. active) can be applied to control late germinating sesbania. Do not apply to rice after it reaches the boot stage. Apply BLAZER 2L herbicide by aircraft using nozzling to deliver from 5 to 10 gallons of total spray per acre. Use 1 pint BLAZER 2L herbicide (0.125 lb. active) per acre per application. In addition, add 2 pints of TRITON AG-98 surfactant to each 100 gallons of spray mix containing BLAZER 2L herbicide. The use of TRITON AG-98 surfactant is important for effective control of hemp sesbania.

When rice has at least 3 leaves, a tank mixture of STAM M-4 herbicide plus BLAZER 2L herbicide can be used for control of the weeds on the STAM M-4 herbicide label plus suppression of northern jointvetch (*Aeschynomene virginica*) and 4 to 6 leaf annual morning glories (*Ipomoea* species). Apply 1 pint of BLAZER 2L herbicide (0.125 lb. active) per acre plus 3 to 4 quarts (3 to 4 lb. active) per acre of STAM M-4 herbicide. Add 2 pints of TRITON AG-98 surfactant to each 100 gallons of spray mix. When using the tank mixture an increase in foliage burn may be noticed.

IMPORTANT:

DO NOT ADD CROP OIL CONCENTRATES

TO AVOID EXCESSIVE RESIDUES AT HARVEST, DO NOT APPLY STAM M-4 IN A TANK MIX WITH BLAZER 2L HERBICIDE AFTER THE END OF TILLERING. ALWAYS READ AND FOLLOW THE MOST RESTRICTIVE LABELING USE RESTRICTIONS WHEN TANK MIXING.

SOYBEANS, PEANUTS AND RICE

POSTEMERGENCE USE RESTRICTIONS

- Do not apply BLAZER 2L herbicide within 50 days of harvest for soybeans or 75 days of harvest for peanuts. Do not apply BLAZER 2L herbicide to rice after it reaches the boot stage, or within 30 days of harvest.

- Do not apply more than 4 pints (1.0 lb. active) per acre of BLAZER 2L herbicide per growing season in soybeans or 2 pints (0.5 lb. active) per growing season for peanuts. Do not apply more than 4 applications per growing season, not exceeding 1.0 lb. active per acre per season.

- Do not use treated plants for feed or forage.

- Crop Rotation Restriction: Crops such as corn, sorghum, sweet potatoes, etc., must not be planted in fields treated with BLAZER 2L herbicide for a period of 18 months following treatment.

- In the case of crop failure, only peanuts or soybeans may be immediately replanted.

- Do not harvest crayfish from treated rice areas for food.

- Do not use treated water from rice fields for irrigation purposes for other than BLAZER 2L herbicide labeled crops.

- Avoid drift to all other crops and non-target areas.

- Thoroughly flush spray equipment (tank, hoses, boom, pump) with water before and after each use.

- Do not mix BLAZER 2L herbicide with liquid fertilizers or pesticides except as specifically directed on this label or on other approved Rohm and Haas Company supplemental labeling.

- BLAZER 2L herbicide requires a six hour rain-free period for best results. Do not apply if rain is threatening.

- Do not use during periods of dry weather when crop and weeds are under stress and not actively growing, as weed control may be reduced.

- Do not apply BLAZER 2L herbicide when crop and weeds are under stress from cold temperature, when maximum day temperature is below 70°F or when soil temperature is below 60°F, as weeds will not be actively growing and control may be reduced.

- Do not apply BLAZER 2L herbicide when crops are exhibiting injury from previously applied pesticides or are exhibiting stress symptoms from disease, nematodes or insects, as increased crop response may result.

- Do not apply BLAZER 2L herbicide when crop and weeds are under stress from excessive fertilizer or soil salts, wind injury, frost damage or high temperature stress or wilt, as increased crop response and/or decreased weed control may result.

SPECIAL USE DIRECTIONS FOR ADDITIONAL WEED PROBLEMS IN SOYBEANS AND PEANUTS

ANNUAL BROADLEAF WEEDS

REGGARWEED (FLORIDA) - *Desmodium illinoense*

Control of Florida beggarweed is difficult due to the weed's long germination season. An early application of 2 pints of BLAZER 2L herbicide (0.5 lb. active) per acre plus 2 to 4 pints of TRITON AG-98 surfactant per 100 gallons of spray mix should be applied when beggarweed seedlings have no more than 3 young expanding true leaves. Weeds at this time will not be more than 1 inch high. It is important to obtain maximum control of the earliest weed flush. A second application in soybeans may be necessary in order to control additional regrowth or secondary weed flushes. Cultivation should also be well timed to give maximum control of regrowth or secondary weed flushes. BLAZER 2L herbicide will suppress or partially control weeds growing under conditions of high soil moisture and high relative humidity. **NOTE:** For PEANUTS do not apply more than one application per growing season.

BUFFALOBISS - *Solanum rostratum*

Control of buffalobur can usually be obtained when the seedlings have less than 4 true leaves. Use BLAZER 2L herbicide at 2 pints (0.5 lb. active) in 30 gallons of water per acre. The use of 2 pints of TRITON AG-98 surfactant per 100 gallons of spray mix is recommended. If regrowth or new seedlings appear, repeat the application. Regrowth usually occurs when day or night temperatures are below 70°F. **NOTE:** For PEANUTS do not apply more than one application per growing season.

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of the third true leaf in addition the

made prior to the formation of the third true leaf. In addition, the seedlings must be actively growing. This treatment will usually result in a height differential between soybeans and any surviving wild poinsettia, thus allowing post directed applications for additional control. **NOTE: For PEANUTS do not apply more than one application per growing season.**

STARBUR BRISTLY - *Acanthospermum hispidum*
 SENNA COFFEE - *Cassia occidentalis*

BLAZER herbicide at the 3 pint rate (0.75 lb active per acre) plus 2 pints of **TRITON AG-98** surfactant per 100 gallons of spray will kill or suppress seedlings that are not past the 2 leaf stage. Applications after the 2 leaf stage are usually ineffective. **NOTE:** Use the 3 pint rate for soybeans only.

VELVETLEAF — *Abutilon theophrasti*

Volunteer cowpea germinates over a long period of time, thus making control difficult. Partial control can be obtained by applying 2 pints (0.5 lb active) per acre of BLAZER 2L herbicide just past the cowpea cotyledon growth stage. Do not wait for the first leaves to fully expand. Use 2 pints of TRITON AG-98 surfactant per 100 gallons of spray mix for maximum activity. A repeat application is normally required for new seedling weeds. **NOTE: For PEANUTS do not apply more than one application per growing season.**

BLAZER 2L herbicide can be utilized against velvetleaf in a number of ways. Where escape foxtail grasses and velvetleaf are both present and in the 4 leaf growth stage the use of 3 pints of BLAZER 2L herbicide (0.75 lb active) per acre plus 2 pints of TRITON AG-96 for each 100 gallons of spray will give control. Seedling weeds must be growing under conditions favorable for active growth as described under postemergence use restrictions. For control of 4 leaf velvetleaf and many other weeds, see specific use directions under tank mixture with Basagran, or a Vistar application followed by BLAZER 2L herbicide. NOTE: Use the 3 pint rate for soybeans only.

ANNUAL GRASSES

Sesbania and crotalaria are very sensitive to BLAZER 2L herbicide with TRITON AG-98 surfactant. The use of 2 pints of TRITON AG-98 surfactant per 100 gallons of spray mix is required for control. Effective control can be obtained at just about all plant heights. It is important, however, that BLAZER 2L herbicide be applied prior to bloom. Applications after bloom are usually not effective and therefore not recommended. The use of 1 pint (0.25 lb active) per acre has given excellent control of both sesbania and crotalaria. During or after periods of dry weather, control may be erratic. Best control is then obtained when 1.5 pints (0.38 lb active) are applied to each acre. Application for control of these weeds should be timed to occur after maximum weed emergence has taken place. Care must be exercised to make certain that crops do not shade this weed from spray deposits. Waiting for the sesbania to break through the crop canopy may be advisable for control of late season infestations.

FOXTAIL, GIANT	<i>Setaria faberi</i>
FOXTAIL, GREEN	<i>Setaria viridis</i>
FOXTAIL, YELLOW	<i>Setaria lutescens</i>
JOHNSONGRASS,	<i>Sorghum halepense</i>
SEEDLING	
PANICUM, FALL	<i>Panicum dichotomum</i>
SHATTERCANE	<i>Sorghum bicolor</i>

BLAZER 2L herbicide must not be the basic portion of the grass herbicide program. For additional control of escape grasses following a preplant incorporated or preemergence herbicide, use BLAZER 2L herbicide at 2 pints (0.5 lb active) per acre. The use of 2 to 4 pints of TRITON AG-98 surfactant per 100 gallons of spray mix is required. Grasses should not exceed the 2 to 3 leaf stage for this treatment. When escape grasses are in the 4 leaf growth stage use 3 pints of BLAZER 2L herbicide (0.75 lb active) per acre plus 2 pints of TRITON AG-98 surfactant per 100 gallons of spray. Activity is dependent upon good soil moisture during and following the spray application. **NOTE:** Use the 3 pint rate for soybeans only.

CUCURBITS—
BURGERKIN (*Cucumis anguria*)
CITRON (WILD WATERMELON) (*Citrullus vulgaris*)
CUCUMBER WILD SPINY (*Cucumis dipsaceus*)
GOURD, TEXAS (*Cucurbita texana*)
SMELLMELON (*Cucumis melo*)

VOLUNTEER SMALL GRAINS — Barley Oats Rye Wheat

Members of the cucumber family germinate over an extended period of time. Control is therefore difficult to obtain with a single spray. In order for BLAZER 2L herbicide to be effective, initial application should be made to weeds no later than the 4 leaf growth stage. Use 2 pints of BLAZER 2L herbicide (0.5 lb. active) per acre plus 2 pints of TRITON AG-98 surfactant per 100 gallons of spray mix. If subsequent weed flushes occur in severely infested soybean fields, a second application should be timed much like the first application. Waiting for several weed flushes to appear and then spraying will result in poor control. The most effective control is obtained when weeds have no more than 4 true leaves. NOTE: For PEANUTS do not apply more than one application per growing season.

When BLAZER 2L herbicide is applied to emerging volunteer small grains in the 2 to 3 leaf stage, many plants will die or remain stunted. BLAZER 2L herbicide should be applied at 2 pints to 5 lb. active per acre plus 2 to 4 pints of TITON AG-98 surfactant for each 100 gallons of spray mix. Activity is dependent upon good soil moisture during and following the spray applications. When volunteer small grains are in the 4 leaf growth stage use 3 pints of BLAZER 2L herbicide, 0.75 lb. active per acre plus 2 pints of Titon AG-98 surfactant per 100 gallons of spray. **NOTE: Use the 3 pint rate for noxious only.**

LAMBSQUARTERS COMMON — *Chenopodium album*

PERENNIAL WEEDS

BINDWEED FIELD	<i>Convolvulus arvensis</i>
BINDWEED HEDGE	<i>Convolvulus sepium</i>
MILKWEED CLIMBING	<i>Sarcostemma cyananthus</i> det.
MILKWEED COMMON	<i>Asclepias syriaca</i>
REDVINE	<i>Brunnicaria crinita</i>
THISTLE CANADA	<i>Cirsium arvense</i>
TRUMPET CREEPER	<i>Campsis radicans</i>

BLAZER 2L herbicide at the 2 pint rate (0.5 lb active) per acre will usually cause spotting, stunting or death of many seedlings not exceeding 3 true leaves. The use of 2 pints of **TRITON AG-98** surfactant per 100 gallons of spray mix is suggested for maximum kill of seedlings. Cultivation 7 to 10 days after the **BLAZER 2L** herbicide surfactant application will usually assist in control. **NOTE: For PEANUTS do not apply more than one application per growing season.**

Growth of perennial weeds resulting from underground root-stocks is very difficult to control. BLAZER 2L herbicide at the rate 0.5 lb. active per acre, applied under favorable environmental conditions, will burn back the above-ground plant parts and retard regrowth. A second application may be applied to soybeans for additional burndown. BLAZER 2L herbicide will not kill the underground root-stocks of these weeds. **NOTE:** For PEANUTS do not apply more than one application per growing season.

POINSETTIA WILD - *Euphorbia heterophylla*

BLAZER 2L herbicide at the 2 pint rate 0.5 lb active per acre plus 2 pints of TRITON AG-95 surfactant per 100 gallons of spray mix will usually kill or severely stunt wild poinsettia. Application should be

TANK MIXTURE WITH AMIBEN[®]

SOYBEANS

When applied to young, actively growing broadleaf weed seedlings, the tank mixture of BLAZER 2L herbicide plus Amiben will control all weeds listed on the BLAZER 2L herbicide label and will also provide pre-emergence control of those grasses and broadleaf weeds listed in the General Information section of the Amiben label which have not yet germinated at time of treatment.

TREATMENT

Rate: Apply a tank mixture of 1 1/2 to 2 pints of BLAZER 2L herbicide (0.38 to 0.5 lb. active) per acre plus 5 to 6 quarts of Amiben (2.5 to 3.0 lb. active) per acre or 3.0 to 3.6 pounds Amiben DS (2.5 to 3.0 lb. active) per acre. In order to determine the correct application rate of BLAZER 2L herbicide to use in the tank mixture, see the BLAZER 2L herbicide use rate table.

USE RESTRICTIONS FOR TANK MIXTURE WITH AMIBEN HERBICIDE IN SOYBEANS

- Follow all use restrictions detailed on the BLAZER 2L herbicide and Amiben labels.
- Do not add crop oil when using the tank mix. TRITON AG-98 surfactant may be added at the rate of 2 pints per 100 gallons of spray for maximum control of certain susceptible weeds such as escape grasses, sesbania and croton. A complete listing of these weeds is found on the BLAZER 2L herbicide label under the Special Use Directions.
- Do not make applications later than 33 days after planting.

TANK MIXTURE WITH BASAGRAN[®]

SOYBEANS

BLAZER 2L herbicide may be tank mixed with Basagran for post-emergence control of the major broadleaf weed species in soybeans.

TREATMENT

Rate: Use BLAZER 2L herbicide at the rate of 1.5 to 2.0 pints (0.38 to 0.5 lb. active) per acre tank mixed with Basagran at the rate of 1.0 to 1.5 pints (0.5 to 0.75 lb. active) per acre. In order to determine the correct application rate of BLAZER 2L herbicide to use in the tank mixture, see the BLAZER 2L herbicide use rate table.

For control of cocklebur up to the 6 leaf stage and velvetleaf up to the 4 leaf stage add 1 pint (0.5 lb. active) per acre of Basagran to BLAZER 2L herbicide. For prickly sida (leaf weed) up to the 6 leaf stage add 1.5 pints (0.75 lb. active) per acre of Basagran to BLAZER 2L herbicide.

Basagran may also be used in the tank mixture at rates up to 2 pints (1.0 lb. active) per acre.

Surfactant: The addition of TRITON AG-98 surfactant is recommended and should be used at a rate of 1 pint per 100 gallons of spray mixture. For control of certain weeds such as escape grasses and hemp sesbania with the tank mix, the addition of 2 to 4 pints of TRITON AG-98 surfactant per 100 gallons of spray mix is required. See the BLAZER 2L herbicide special use directions for additional weeds and specific amounts of TRITON AG-98 surfactant.

Crop Oil Concentrate: The addition of 1 pint per acre of crop oil concentrate may be used as a substitute for the surfactant for improved control of velvetleaf. See your Basagran supplier for a list of oil concentrates recommended by BASF Wyandotte Corporation. Soybean leaf burn will be increased by the addition of crop oil concentrate.

TANK MIXTURE WITH POAST[®]

SOYBEANS

BLAZER 2L herbicide may be tank mixed with POAST herbicide for post-emergence broadleaf and annual grass weed control.

Rate: BLAZER 2L herbicide at 1.5 to 2.0 pints (0.38 to 0.5 lb. active) per acre may be tank mixed with Poast herbicide for post-emergence control of selected annual broadleaf grass weeds in soybeans. The rate of Poast recommended in the tank mix is 50% greater than the rate of Poast used alone. See the Poast label in order to determine the correct application rate of BLAZER 2L herbicide to use in the tank mixture, see the BLAZER 2L herbicide use rate table.

Timing: For grass species and timing refer to Poast label. Sequential applications should always be used in place of tank mixtures where perennial or certain grasses are present. Refer to the Poast label for details.

Always add Poast herbicide in the tank mixture with 2 pints per acre of a recommended nonphytotoxic oil concentrate. Use 20 gallons of water per acre with a minimum of 40 psi pressure at the nozzle. Air applications should be made in 10 gallons of water per acre. See your Poast supplier for a list of oil concentrates recommended by BASF Wyandotte Corporation. Oil concentrate must be used with the tank mixture in place of TRITON AG-98 surfactant or any other surfactant.

SEQUENTIAL APPLICATIONS — SOYBEANS BLAZER 2L HERBICIDE/POAST HERBICIDE

When using BLAZER 2L herbicide as a separate application be sure and allow a minimum of 7 days between the BLAZER 2L herbicide and the Poast grass herbicide application. This applies when BLAZER 2L herbicide is applied first. When Poast herbicide is applied first, wait 24 hours before applying BLAZER 2L herbicide. It is important that treated grass has resumed active growth before spraying with Poast grass herbicide. This waiting period is important in achieving maximum activity with the Poast grass herbicide. For additional information on rate, timing and use restrictions for Poast herbicide refer to the Poast label.

TANK MIXTURE WITH BASAGRAN/POAST

SOYBEANS

BLAZER 2L herbicide may be tank mixed with Basagran and Poast herbicides for post-emergence broadleaf and annual grass weed control.

Rate: BLAZER 2L herbicide at 1.5 to 2.0 pints (0.38 to 0.5 lb. active) per acre may be tank mixed with Basagran herbicide at 1.0 to 1.5 pints (0.5 to 0.75 lb. active) per acre and Poast herbicide for post-emergence control of selected annual broadleaf/grass weeds in soybeans. The rate of Poast recommended in the tank mix is 50% greater than the rate of Poast used alone. See the Poast label in order to determine the correct application rate of BLAZER 2L herbicide to use in the tank mixture, see the BLAZER 2L herbicide use rate table.

Timing: For control of cocklebur up to the 6 leaf stage and velvetleaf up to the 4 leaf stage add 1 pint (0.5 lb. active) per acre of Basagran to BLAZER 2L herbicide and Poast herbicide. For prickly sida (leaf weed) up to the 6 leaf stage, add 1.5 pints (0.75 lb. active) per acre of Basagran to BLAZER 2L herbicide and Poast herbicide. Basagran may also be used in the tank mixture at rates up to 2 pints (1.0 lb. active) per acre.

For individual grass species and timing refer to Basagran Poast labels. When tank mixing Poast it is recommended that the Poast rate be increased by 50% over the rate of Poast used alone. Sequential applications should always be used in place of tank mixtures where perennial or certain grasses are present. Refer to the Poast label for details.

Always add Poast herbicide in the tank mixture with 2 pints per acre of a recommended nonphytotoxic oil concentrate. Use 20 gallons of water per acre with a minimum of 40 psi pressure at the nozzle. Air applications should be made in 10 gallons of water per acre. See your Poast Basagran suppliers for a list of oil concentrates recommended by BASF Wyandotte Corporation. Oil concentrate must be used with the tank mixture in place of TRITON AG-98 surfactant or any other surfactant.

SEQUENTIAL APPLICATIONS — SOYBEANS BLAZER 2L HERBICIDE TANK MIX WITH BASAGRAN, POAST HERBICIDES

When using BLAZER 2L Basagran herbicides as a separate application be sure and allow a minimum of 7 days between the BLAZER 2L Basagran herbicides in the tank mix and the Poast grass herbicide application. This applies when BLAZER 2L Basagran herbicides are applied first. When Poast herbicide is applied first, wait 24 hours before applying a tank mixture of BLAZER 2L Basagran herbicides. It is important that treated grass has resumed active growth before spraying with Poast grass herbicide. This waiting period is important in achieving maximum activity with the Poast grass herbicide. For additional information on rate, timing and use restrictions for Poast herbicide refer to the Poast label.

USE RESTRICTIONS FOR TANK MIXTURES AND SEQUENTIAL APPLICATIONS — BLAZER 2L BASAGRAN/POAST

- Always read and follow the restrictions and limitations for all products when used alone or in a tank mix. The most restrictive labeling must apply in tank mixtures.
- Do not apply BLAZER 2L herbicide or Poast herbicide when soybeans are exhibiting injury from previously applied pesticides or are exhibiting stress symptoms from disease, nematodes or insects, as increased crop response may result.
- Do not apply BLAZER 2L within 50 days of harvest and do not apply Poast within 90 days of harvest.
- Do not graze treated soybean fields and do not feed treated soybean forage, ensilage or hay to livestock (see BLAZER 2L herbicide and Poast herbicide labels).
- Do not apply BLAZER 2L herbicide or Poast herbicide when soybeans and weeds are under stress from excessive fertilizer or soil salts, wind injury, frost damage or high temperature stress or wilt, as increased crop response and/or decreased weed control may result.

BLAZER 2L AND FUSILADE[®] HERBICIDES

SOYBEANS

BLAZER 2L herbicide and Fusilade 4E may be used together in a postemergence program for broad spectrum weed control.

BLAZER 2L is a selective postemergence herbicide for the control of certain broadleaf weeds. Fusilade 4E is a selective postemergence herbicide for control of annual and perennial grass weeds in soybeans. BLAZER 2L herbicide and Fusilade 4E may be applied sequentially or in a tank mix. The growth stage of weeds at the time of application will determine which method of application will provide the most satisfactory results. Both BLAZER 2L herbicide and Fusilade 4E should be applied to actively growing weeds. See BLAZER 2L label for defined environmental conditions that promote active growth. Do not apply either herbicide if weeds appear stressed due to unfavorable temperatures, drought and/or low soil fertility. Do not apply BLAZER 2L or BLAZER 2L/Fusilade 4E tank mix if soybeans show injury from prior herbicide applications. Read and observe all applicable label directions and limitations for both BLAZER 2L herbicide and Fusilade 4E before using.

METHOD 1: Sequential Application Fusilade 4E Followed by BLAZER 2L Herbicide

Annual and/or perennial grass weeds at proper growth stage for treatment, prior to broadleaf weed treatment.

Apply Fusilade 4E and an approved adjuvant at the recommended rate and growth stage for the grass weeds being treated (as per the Fusilade 4E label directions). Fusilade 4E is a systemic herbicide; therefore, when treating annual grasses, allow at least 3 days, and when treating perennial grasses allow at least 5 days to transpire prior to a BLAZER 2L herbicide application. This will enable Fusilade 4E to be adequately translocated to the meristematic regions of the plant. After the appropriate time interval has elapsed, apply BLAZER 2L herbicide and TRITON AG-98 surfactant for susceptible broadleaf weeds as outlined on the BLAZER 2L herbicide label.

METHOD 2: Sequential Application — BLAZER 2L Herbicide Followed by Fusilade 4E

Broadleaf weeds at proper growth stage for treatment, prior to annual and/or perennial grass weed treatment.

Apply BLAZER 2L herbicide with TRITON AG-98 surfactant at the recommended rate and growth stage for susceptible broadleaf weeds (as per the BLAZER 2L herbicide label directions). Broadleaf herbicides can stress and affect the growth of grass species. Fusilade 4E must be applied to actively growing grasses for best results. A sequential application of Fusilade 4E may be applied following a BLAZER 2L herbicide application when grasses resume active growth with the development of a new leaf. Follow the recommended rates and growth stage for the grass weeds being treated (as per the Fusilade 4E label).

METHOD 3: Tank Mix Applications of BLAZER 2L Herbicide and Fusilade 4E

Only annual grasses and broadleaf weeds are present and at the proper growth stage for treatment (as per the respective labels).

A tank mix of BLAZER 2L herbicide and Fusilade 4E may be applied at the recommended rates and growth stages to susceptible broadleaf weeds and annual grass species in a manner as described on the respective labels. Use an approved nonionic surfactant, as per the Fusilade 4E label recommendations. Follow water volume and spray pressure recommendations (as per the BLAZER 2L herbicide label). Load the spray tank with half the amount of required water and add the recommended amounts of Fusilade 4E, BLAZER 2L, and nonionic surfactant while the agitator is running. Add the remaining quantity of water. Do not make more than one application of this tank mix per season.

NOTE: Tank mix applications sometimes have resulted in reduced grass weed control and possible increases in crop injury as compared to either product used alone. If grass regrowth occurs following an application of the tank mix or an additional flush of grasses emerge, make a second application of Fusilade 4E to actively growing annual grass weeds, as per the label recommendations. A tank mix application is not recommended if perennial grass weeds are the predominant grasses to be controlled.

USE RESTRICTIONS FOR BLAZER 2L/FUSILADE

• Always read and follow the restrictions and limitations for all products whether used alone or in a tank mix. The most restrictive labeling applies in tank mixtures.

- Do not apply a total of more than 1 pint of Fusilade 4E per acre per season to soybeans.
- Do not apply more than 4 pints (1.0 lb. active) per acre of BLAZER 2L herbicide per growing season for soybeans.
- Make the last Fusilade 4E application before soybean bloom. Do not apply within 100 days of harvest.
- Do not apply BLAZER 2L herbicide within 50 days of harvest of soybeans.
- Do not use treated plants for feed or forage.
- Do not plant rotational crops other than cotton and soybeans within 60 days after last Fusilade 4E application.
- Crop Rotation Restriction: Root Crops, such as carrots, turnips, sweet potatoes, etc., must not be planted in fields treated with BLAZER 2L herbicide for a period of 18 months following treatment.
- In the case of crop failure, only soybeans may be immediately replanted.
- Avoid drift to all other crops and non-target areas.
- Thoroughly flush spray tanks with water before and after each use.
- BLAZER 2L herbicide requires a six hour rain-free period for best results. Do not apply BLAZER 2L herbicide or BLAZER 2L/Fusilade 4E tank mix if rain is threatening.
- Do not make more than one application of BLAZER 2L/Fusilade 4E herbicide tank mix in a single season.
- Do not use during dry weather conditions when crop and weeds are under stress or wilt and not actively growing, as weed control may be reduced.
- Do not apply BLAZER 2L herbicide or BLAZER 2L/Fusilade 4E herbicide tank mix when crop and weeds are under stress from cold temperature, when maximum day temperature is below 70°F, or when soil temperature is below 60°F, as weeds will not be actively growing and control may be reduced.
- Do not apply BLAZER 2L or BLAZER 2L/Fusilade 4E tank mix when crops are exhibiting injury from previously applied pesticides or are exhibiting stress symptoms from disease, nematodes or insects, as increased crop response may result.
- Do not apply BLAZER 2L or BLAZER 2L/Fusilade 4E tank mix when crop and weeds are under stress from excessive fertilizer or soil salts, wind injury, frost damage or high temperature stress or wilt, as increased crop response may result.
- Do not mix BLAZER 2L or BLAZER 2L/Fusilade 4E tank mix with other pesticides or plant growth regulators except as specified on this label or on other approved formulations. Consult any supplemental labeling.

TANK MIXTURE WITH 2,4-DB SOYBEANS AND PEANUTS

A tank mixture of BLAZER 2L herbicide plus 2,4-DB is recommended for control of morningglory, cocklebur, common ragweed, redroot pigweed, jimsonweed, burgherkin and cotton in soybeans and peanuts when the weed size exceeds that specified on the BLAZER 2L herbicide label. Control with this mixture may decrease with increasing weed size or density of weed or soybean canopy due to poor spray coverage. For control of other weeds refer to the BLAZER 2L herbicide label directions.

SOYBEANS

Rate: Mix 2 fluid ounces of the product Butyrac® 200, EPA Reg. No. 264-105, or 2 fluid ounces of the product Butoxone® EPA Reg. No. 39511-122, with 1.5 to 2 pints (0.38 to 0.5 lb. active) of BLAZER 2L herbicide for each acre being treated. Add 1 pint of TRITON AG-98 surfactant per 100 gallons to increase control of weeds. Do not add crop oils to the tank mixture. The addition of TRITON AG-98 will increase the hormonal 2,4-DB crop response. Read and follow all applicable directions and use instructions on BLAZER 2L herbicide and 2,4-DB herbicide labels.

Timing: For optimum control apply the tank mix to actively growing weeds up to 12 inches in height or length. Applications at later stages will result in partial control or suppression.

The use of this tank mix will cause foliage injury and may reduce yields. Applications at the third or greater trifoliate leaf stage will assist in minimizing foliar injury.

PEANUTS

Rate: Mix 1 pint of the product Butyrac 200, EPA Reg. No. 264-105, or 1 pint of the product Butoxone, EPA Reg. No. 39511-122, with 1.5 to 2 pints (0.38 to 0.5 lb. active) of BLAZER 2L herbicide for each acre being treated. Add 1 pint of TRITON AG-98 surfactant per 100 gallons to increase control of weeds. Do not add crop oils to the tank mixture. The addition of TRITON AG-98 will increase the hormonal 2,4-DB crop response. Read and follow all applicable directions and use instructions on BLAZER 2L herbicide and 2,4-DB herbicide labels.

Timing: For optimum control apply BLAZER 2L herbicide plus 2,4-DB tank mix to actively growing weeds up to 12 inches in height or length, usually 2 to 12 weeks after planting. Applications at later weed stages will result in partial control or suppression.

Peanuts should be at least 2 weeks old when using a tank mixture of BLAZER 2L herbicide and 2,4-DB. Do not use after podding stage begins.

SOYBEANS AND PEANUTS

Application: For best results, the tank mixture should be applied with ground equipment. For thorough coverage of weeds apply with flat fan or hollow cone nozzles in a minimum of 20 gallons of water per acre with a spray pressure of 40 psi.

Drift Hazard: Care must be taken when applying the tank mixture to prevent drift to all non-target crops. Tobacco, ornamentals, mustard, sugarbeets, potatoes, vegetables, and cotton are a few of the crops known to be sensitive to this tank mixture. Hormone-type injury in non-target crops can result from trace amounts of 2,4-DB drift. The use of Nalco-Trol or another cleared drift control agent may reduce this hazard, however, the drift control agent may also decrease the weed control activity.

USE RESTRICTIONS FOR TANK MIXTURE WITH 2,4-DB HERBICIDE IN SOYBEANS AND PEANUTS

- Read and follow all directions and use restrictions on BLAZER 2L herbicide and 2,4-DB labels.
- Do not use rates of BLAZER 2L herbicide or 2,4-DB in excess of that recommended on this label or excessive injury and possible yield reduction could result.
- Do not apply the tank mixture within 60 days of harvest for soybeans or 75 days of harvest for peanuts.
- Do not mix with liquid fertilizers or other pesticides with the tank mixture except as specifically directed on this label.

- Do not apply more than one application of the tank mixture to soybeans or peanuts per growing season.

- Do not apply the tank mixture when soybeans or peanuts are exhibiting injury from previously applied pesticides or are exhibiting stress symptoms from disease, nematodes, insects, excessive fertilizer or soil salts, wind injury, frost damage or high temperature stress or with increased crop response will result.

- Aerial applicators must be familiar with the EPA registered labels and follow the use precautions. In addition, aerial applicators should follow all applicable state and local regulations. In interpreting the label and local regulations, the most restrictive situations should apply to avoid drift hazards.

VISTAR® HERBICIDE FOLLOWED BY BLAZER 2L HERBICIDE

A sequential treatment for soybeans for control of certain grass and broadleaf weeds in the states of Alabama, Arkansas, Louisiana, Kentucky, Missouri, (Bootheel Region Only), Mississippi, Tennessee, and Texas.

APPLICATION RATES AND TIMING

VISTAR: Apply 4-5 pint of Vistar herbicide and a nonionic surfactant per acre when soybeans and weeds are actively growing. Apply only after the second trifoliate soybean leaf has fully expanded.

BLAZER: One to five days following the Vistar herbicide application, apply 1.5 pints (0.38 lb. active) of BLAZER 2L herbicide per acre. Only add TRITON AG-98 surfactant as required under the BLAZER 2L herbicide use directions. **DO NOT APPLY VISTAR AND BLAZER 2L HERBICIDES IN ONE APPLICATION AS A TANK MIX.**

USE PRECAUTIONS

In a sequential application of BLAZER 2L herbicide after Vistar herbicide, soybean response may be more severe than if either product is used alone. Additional leaf burning, crinkling, and stunting may develop as the result of applying Vistar herbicide before BLAZER 2L herbicide. Soybeans can be expected to recover and normal yields will result. Do not mix BLAZER 2L herbicide with anything other than a nonionic surfactant when following a Vistar application.

All applicable directions, restrictions, and precautions appearing on the Vistar herbicide and BLAZER 2L herbicide labels should be followed.

WEEDS CONTROLLED	MAXIMUM HEIGHT, INCHES, AT INITIAL APPLICATION (VISTAR HERBICIDE)
COCKLEBUR, COMMON <i>Xanthium pensylvanicum</i>	5 - maximum 6 leaf stage
FOXTAIL, GIANT <i>Setaria faberii</i>	4
FOXTAIL, GREEN <i>Setaria viridis</i>	4
GOOSEGRASS <i>Elymus canadensis</i>	3
JOHNSONGRASS, SEEDLING <i>Sorghum halepense</i>	8
JOHNSONGRASS, RHIZOME <i>Sorghum halepense</i>	10
SHATTERCANE <i>Tripsacum daniellii</i>	10
LETUFACE <i>Lactuca scariola</i>	2 - maximum 4 leaf stage
WINTER TERN <i>Chenopodium album</i>	12

IMPORTANT.

For control of additional weed species follow specific use directions appearing on the BLAZER 2L herbicide label.

If new growth or regrowth of Johnsongrass occurs, a second application of Vistar herbicide will be necessary. Follow dosage and timing directions detailed on the Vistar label.

GENERAL INFORMATION PREEMERGENCE

PEANUTS

BLAZER 2L is a selective broad-spectrum herbicide recommended for preemergence application to peanuts to control susceptible weeds. Optimum weed control from preemergence application occurs when crops are seeded into well-prepared smooth seedbeds. See the weed charts for recommended rates for preemergence application.

BLAZER 2L HERBICIDE PREEMERGENCE WEED CONTROL

For weed control from a preemergence treatment use 4 to 8 pints (1.0 to 2.0 lb. active) of BLAZER 2L herbicide per acre. The highest rate is used where dense or severe weed populations are known to exist.

SUSCEPTIBLE BROADLEAF SPECIES

COCKLEBUR, COMMON	<i>Xanthium pensylvanicum</i>
COPPERLEAF, VIRGINIA	<i>Acalypha virginica</i>
CROTON, TROPIC	<i>Croton glandulosus</i>
GROUNDCHERRY	
SPECIES SEEDLING	<i>Physalis spp.</i>
JIMSONWEED	<i>Datura stramonium</i>
LAMBSQUARTERS	
COMMON	<i>Chenopodium album</i>
MORNINGGLORY,	
SMALLFLOWER	<i>Jacquemontia tamnifolia</i>
MUSTARD, BLACK	<i>Brassica nigra</i>
PIGWEEED, REDROOT	<i>Amaranthus retroflexus</i>
PUSLEY, FLORIDA	<i>Richardia scabra</i>
RAGWEED, COMMON	<i>Ambrosia artemisiifolia</i>
SMARTWEED,	
PENNSYLVANIA	<i>Polygonum pensylvanicum</i>

GRASS SPECIES (Suppression Only)

CRABGRASS, LARGE	<i>Digitaria sanguinalis</i>
CRABGRASS, SMOOTH	<i>Digitaria ischaemum</i>
FOXTAIL, GIANT	<i>Setaria faberi</i>
JOHNSONGRASS,	
SEEDLING	<i>Sorghum halepense</i>
PANICUM, FALL	<i>Panicum dichotomiflorum</i>
SANDBUR, FIELD	<i>Cenchrus incertus</i>

For preemergence control of susceptible weed species, a use rate of 4 to 8 pints (1.0 to 2.0 lb. active) per acre on a broadcast or overall basis is recommended. Refer to the BLAZER 2L herbicide preemergence weed control listing for susceptible broadleaf species. Fill the spray tank about one-half full with water; then add the required amount of BLAZER 2L herbicide, mix thoroughly and continue filling the spray tank. Maintain sufficient agitation during mixing and spraying to insure a uniform spray mixture. Preemergence application should be made after seeding.

APPLICATION PREEMERGENCE

BLAZER 2L herbicide should be applied by ground equipment using standard herbicide sprayers equipped with flat fan nozzles. Spray equipment should be calibrated to deliver a minimum of 20 gallons of spray mixture per acre. Fields to be treated should be well worked with smooth seedbeds in firm condition. Avoid applications to poorly prepared seedbeds. Flood tip nozzles are not recommended. Application should follow seeding.

PREEMERGENCE USE RESTRICTIONS

- Do not apply more than a total of 9 pints (2.0 lb. active) of BLAZER 2L herbicide per acre from combined preemergence and postemergence applications. See postemergence use restrictions.
- Do not use treated plants for feed or forage.
- Crop Rotation Restriction: root crops (such as carrots, turnips, sweet potatoes, etc.) must not be planted in fields treated with BLAZER 2L herbicide for a period of 18 months following treatment.
- In the case of crop failure, only peanuts may be replanted.
- Avoid drift to all other crops and non-target areas.
- Thoroughly flush spray equipment (tank, hose, boom, pump) with water before and after each use.

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