

BASF

PM 25 7969-76

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ACCEPTED

MAR 18 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-76

Conclude[®] Xtra B

herbicide

Postemergence Herbicide

For broad spectrum weed control in soybeans

A soluble liquid formulation containing:

Active Ingredients:

Sodium salt of bentazon: sodium (3-isopropyl-1H-2, 1,3-benzothiadiazin-4(3H)-one-2,2-dioxide).....	29.2%
Sodium salt of acifluorfen: sodium 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate	13.4%
Inert Ingredients	57.4%
Total	100.0%

*Equivalent to 2.67 pounds per gallon bentazon: 3-isopropyl-1H-2, 1,3-benzothiadiazin-4(3H)-one 2,2-dioxide; and 1.33 pounds per gallon of sodium acifluorfen, sodium 5-[2-chloro-4-(trifluoromethyl)phenoxy]-2-nitrobenzoate.

EPA Reg. No. 7969-76

KEEP OUT OF REACH OF CHILDREN.

DANGER/PELIGRO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand this label, find someone to explain it to you in detail).

STATEMENT OF PRACTICAL TREATMENT

If in eyes: Flush with large amounts of water for at least 15 minutes. Get medical attention.

If on skin: Wash with plenty of soap and water. Consult a physician if irritation persists.

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 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.

Note to Physician: Emesis is recommended.

See inside booklet for complete **Precautionary Statements, Directions For Use, and Conditions of Sale and Warranty.**

Agricultural Use Requirements

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. Refer to supplemental labeling under "Agricultural Use Requirements" in the **Directions For Use** for information about this standard.

Net contents:

BASF Corporation
P.O. Box 13528, Research Triangle Park, NC, 27709

20410

Precautionary Statements Hazards to Humans and Domestic Animals

DANGER

Causes irreversible eye damage. Harmful if swallowed, inhaled or absorbed through the skin. Do not get in eyes. Avoid breathing vapor or spray mist and contact with skin or clothing. This product may cause an allergic skin response.

Personal Protective Equipment (PPE)

Applicators and other handlers must wear:

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

Discard clothing and other absorbent material that have been drenched or heavily contaminated with this product's concentrate. Do not re-use them.

Follow manufacturer's instructions for cleaning and 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, except as specified on this label for application to rice. Do not contaminate water when disposing of equipment washwaters. Do not apply when weather conditions favor drift from target area.

Groundwater Advisory

Residues of acifluorfen have been found in groundwater as a result of agricultural use. Use of this product in areas where soils are permeable, such as sand and soils with loamy sand textures, and where water tables are shallow could result in contamination of groundwater. The utilization of irrigated water in these areas will increase the likelihood of contamination.

Tank Mix of Conclude Xtra B and Conclude Xtra G (Hereafter referred to as Conclude Xtra)

Directions For Use

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

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirement 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 intervals. 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 48 hours.

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 over short-sleeved shirt and short pants
- Chemical-resistant gloves, such as barrier laminate or viton \geq 14 mils
- Chemical-resistant footwear plus socks
- Protective eyewear
- Chemical-resistant headgear for overhead exposure

Storage and Disposal

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Keep from freezing. Store above 32° F.

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.

Return Prodigy System to BASF for cleaning and refilling.

For Duplex™ II System, triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 800-424-9300
BASF Corporation 800-832-HELP

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment.
2. Your local poison control center (hospital).
3. BASF Corporation 800-832-HELP.

Steps to be taken in case material is released or spilled:

Dike and contain spill with inert material (sand, earth, etc.) and transfer liquid and solid diking material to separate containers for disposal. Remove contaminated clothing and wash affected skin areas with water. Wash clothing before re-use. Keep spill out of all sewers and open bodies of water.

General Information

A tank mix of **Conclude Xtra** is intended for the early postemergence control of a wide spectrum of broadleaf weeds and annual grasses in soybeans (See Table 1).

Mode of Action:

A tank mix of **Conclude Xtra** is effective through postemergence contact and systemic activity. Weeds must be thoroughly covered with spray. Large crop-and-weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Crop Tolerance:

All soybean varieties are tolerant to **Conclude Xtra** at all stages of growth. Leaf speckling may occur, but plants generally outgrow this condition within 10 days.

Cultivation:

Do not cultivate before or during application or within five days after application of **Conclude Xtra**. Cultivation may put weeds under stress and reduce control obtained. A timely cultivation 5-7 days after applying **Conclude Xtra** may assist weed control in soybeans grown in rows more than 10 inches apart.

Duplex™ II System

Conclude Xtra are provided in a molded jug pack that contains enough **Conclude Xtra** to treat 5 acres.

Mixing

Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add the recommended amounts of product in the following order: **Conclude Xtra B**, oil concentrate, and **Conclude Xtra G**. Then add the remaining quantity of water. Do not attempt to pour the contents of the **Duplex** container system (**Conclude Xtra**) into the tank simultaneously or poor mixing will result. Maintain constant agitation during application.

Prodigy™ System

The tank mix of **Conclude Xtra** is supplied in the **Prodigy System**, a unique, mini-bulk closed delivery system. It consists of a self-discharging tank that does not require any pumping mechanism and has a dry lock connector that protects the user from exposure to tank contents (the **Prodigy System** contains enough **Conclude Xtra** to treat 320 acres).

Do not refill **Prodigy System**. Return **Prodigy System** to B for cleaning and refilling. **Conclude Xtra** in a dedicated, returnable **Prodigy System** can only be used with the closed **Prodigy System** in which it comes packaged. See **Prodigy System Operating Procedure** below.

Prodigy System Operating Procedure

Attention! The **Prodigy System** is a pressurized delivery system.

Do not attempt to open the container. Transfer product only by following these steps:

- 1) Install a male dry lock connector to the spray tank.
- 2) Uncoil the hose from the rack and connect the female dry lock connector (at the end of the hose attached to the tank) with the male dry lock connector installed on the spray tank.
- 3) Turn on the nitrogen gas supply.
- 4) Push down on the silver horizontal handle in front of the meter until both sides are locked in the lower position allowing the manifold to fill with pressure and product.
- 5) Set measuring meter to zero.
- 6) Turn the yellow manifold handle counter clockwise (to horizontal) until the desired amount of product, as indicated on the measuring meter, has been discharged into the spray tank.
- 7) Turn the yellow manifold handle clockwise (to vertical) to stop the discharge of product into the sprayer tank.
- 8) Lift the silver handle to the unlocked position in front of the meter to stop liquid and pressurization from flowing into the manifold.
- 9) Starting at the yellow handle on the **Prodigy Tank**, grasp the hose and walk toward the receiving tank holding the hose level or higher than the dry lock connection allowing all of the product to drain out of the hose.
- 10) Disconnect the female dry lock connector on the tank hose from the male dry lock connector on the spray tank.
- 11) Recoil the hose onto the hose rack.
- 12) Turn off the nitrogen gas supply when the **Prodigy System** operation is completed, the tank is empty, or tank is ready to be returned to the point of purchase.

Application Rate and Timing

Apply 24 ounces of **Conclude Xtra B** and 17 ounces of **Conclude**

Xtra G per acre at early postemergence when weeds are small and actively growing (generally when soybeans are in the 2nd to 3rd trifoliate leaf stage of growth). Add the oil concentrate at a rate of 1 pint per acre. Maintain constant agitation during application. Under excessively dry, wet, or cold conditions, which may reduce herbicidal activity, add oil concentrate at the rate of 2 pints per acre.

Total Postemergence, One-pass Weed Control

For optimum results with **Conclude Xtra** in a total postemergence, one-pass weed control system for soybeans, the following recommendations should be followed:

- plant rows 15" wide or less
- eliminate all vegetative weed growth prior to soybean planting
- apply a tank mix of **Conclude Xtra** according to weed sizes stated on this label (about 21 days after soybean planting).

Rhizome Johnsongrass

Rhizome johnsongrass is best controlled when **Conclude Xtra** are followed by **Poast Plus**® herbicide when johnsongrass is 6-8 inches tall. The timing of **Conclude Xtra** should follow label directions for control of the annual grasses and broadleaf weeds. This timing will usually not be optimum for controlling rhizome johnsongrass, however, **Conclude Xtra** will provide effective control of the johnsongrass vegetation and some rhizomes.

The sequential application of **Poast Plus** (1.5 pints per acre) will control the newly emerging vegetation as well as deplete the rhizome reserves when the following products and rates are used:

Conclude Xtra G: 17 ounces and **Conclude Xtra B:** 24 ounces per acre based on the annual grass labeled directions.

Poast Plus: 1.5 pints per acre on 6-8" rhizome johnsongrass. Use 2 pints of oil concentrate per acre in each spray mix.

Yellow Nutsedge

At the optimum application time of **Conclude Xtra** for most pests, yellow nutsedge may not be at the correct growth stage for optimum control. The best nutsedge control will be achieved by applying **Conclude Xtra** and a sequential application of **Basagran** at 1.5-2.0 pints per acre.

Ground Application

Use a minimum of 10-20 gallons of water per broadcast acre at a minimum of 40 psi pressure (measured at the boom, not at the pump or in

Table 1. Maximum Weed Heights Controlled by Tank Mixing Conclude Xtra B (17 ounces per acre) and Conclude Xtra G (17 ounces per acre) with Crop Oil Concentrate (1 pint per acre)

Broadleaves ¹	Maximum Weed Height	Grasses ¹	Maximum Weed Height
Bristly Starbur	3"	Barnyardgrass	4"
Carpetweed	2"	Broadleaf Signalgrass	4"
Cocklebur	6"	Crabgrass, Large	4"
Common Lambsquarters ²	2"	Crabgrass, Smooth	4"
Common Ragweed	3"	Foxtail, Giant	4"
Crotalaria	6"	Foxtail, Green	4"
Croton, Tropic	<2"	Foxtail, Yellow	4"
, Woolly	<2"	Goosegrass	4"
Eclipta	2"	Johnsongrass (seedling)	4"
Giant Ragweed	6"	Junglegrass	4"
Jimsonweed	6"	Panicum, Browntop	4"
Ladysthumb	6"	Panicum, Fall	4"
Morningglories	2"	Panicum, Texas	4"
Nightshade, Black	2"	Red Sprangletop	4"
Pigweed, Redroot	2"	Red Rice	2"
, Smooth	3"	Shattercane	4"
Prickly Sida/Teaweed ²	2"	Volunteer Cereals	4"
Redweed	3"	Witchgrass	4"
Sesbania	6"	Woolly Cupgrass	4"
Smartweed, Pennsylvania	4"		
Spurred Anoda ²	2"		
Texasweed	3"		
Velvetleaf ²	2"		
Verice Mallow	2"		
Wild Mustard	4"		
		Perennials: (top growth suppression)	Maximum Weed Height
		Johnsongrass (Rhizome)	Based on application timing of annual grasses
		Yellow Nutsedge	

¹ For new germination or perennial regrowth, follow up no sooner than 15 days later with Basagran® herbicide, Poast Plus® herbicide, Storm® herbicide, or Blazer® herbicide. Refer to the respective labels for Directions For Use.
² Control may be inconsistent. A later application of Basagran may be necessary. (See Basagran label.)

the line) to ensure adequate spray coverage. Use standard high pressure pesticide hollow cone or flat fan nozzles spaced 18-20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator nozzles.

Aerial Application
 Use a minimum of 5 gallons of water per acre and a maximum of 40 psi pressure. To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle Type: Use only diaphragm-type nozzles producing cone or fan spray patterns.

Nozzle Height: 6-10 feet above crop.

Nozzle Orientation: Nozzles must be oriented so as to discharge straight back with the air stream (opposite the direction of travel of the aircraft) and not more than 20° downwind.

Nozzles must be located no farther out than 3/4 the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply Conclude Xtra by aircraft when wind is blowing at a velocity above 10 mph. Coarse sprays (larger droplets) are less likely to drift.

Do not apply Conclude Xtra by air if ornamental or sensitive nontarget

crops such as cotton, sugar beets sunflowers, or okra are within 200 feet downwind.

Grass crops such as corn, sorghum, wheat, rice, etc. are highly sensitive to Conclude Xtra. Applicator must follow the most restrictive use cautions to avoid drift hazard and must follow labeling as well as applicable state and local regulations and ordinances.

Procedure For Cleaning Spray Equipment

Clean sprayer thoroughly before and after application of Conclude Xtra, particularly if a herbicide with the potential to injure crops was previously used.

Consult the label of the previously used herbicide for cleaning instructions. If no instructions are available, the steps listed below are suggested for thorough cleaning of spray equipment prior to or following application of Conclude Xtra.

Step 1: Hose down thoroughly the inside as well as the outside of equipment while filling the spray tank half full of water.

Flush by operating sprayer until the system is purged of this rinse water.

Step 2: Refill tank with water while adding 1 gallon household ammonia or 1 pint household

dishwashing detergent or 1 pound of dishwasher detergent per 100 gallons of water. Or add a commercial sprayer cleaner according to the manufacturer's directions.

Operate the pump to circulate the detergent solution through the sprayer system for 5-10 minutes and discharge a small amount of solution through the boom and nozzles. Let the solution stand for 24 hours.

Step 3: Flush the detergent solution out of the spray tank through the boom.

Step 4: Remove the nozzles and screens and flush the system with two tankfuls of water.

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Restrictions and Limitations

Always read and follow all label directions when using any pesticide alone or in tank mix combinations. The most restrictive label applies when using tank mixes. Only one application of the tank mix of **Conclude Xtra** per acre per season should be made.

Do not apply to weeds under stress, such as stress due to lack of moisture, previous herbicide injury, mechanical injury or cold temperatures, as unsatisfactory weed control could result.

Do not apply if rainfall or overhead irrigation is expected soon after application.

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Conclude Xtra** with other pesticides (fungicides, herbicides, insecticides or miticides) additives or fertilizers not recommended on the label. BASF does not recommend the use of **Conclude Xtra** in tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins. Local agricultural authorities may be a source of information when using other BASF recommended combinations.

Do not apply **Conclude Xtra** to soybeans that show injury, leaf phytotoxicity, and/or plant stunting caused by any other prior herbicide applications because this injury may be enhanced or prolonged.

Do not apply **Conclude Xtra** through any type of irrigation system.

Do not apply to soybeans within 60 days of harvest.

Do not use treated plants for feed or forage.

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

This product cannot be used to formulate or reformulate any other pesticide product.

In case of crop failure, only soybeans may be immediately replanted.

Crop rotation restriction: F crops (such as carrots, turnip, sweet potatoes, etc.) must not be planted in field treated with **Conclude Xtra** for 18 months following treatment.

After application of **Conclude Xtra**, do not apply more than 1.5 pounds a.i. of bentazon per acre, per season; or 0.25 pounds a.i. of sodium acifluorfen per acre, per season.

Do not apply sequential applications of **Blazer**, **Basagran**, or **Poast Plus** within 15 days following the application of **Conclude Xtra**.

After application of **Conclude Xtra**, do not apply more than 0.375 pounds of a.i. of clethodim per acre, per season.

Do not use selective application equipment such as recirculating sprayers, wiper applicators, or shielded applicators when applying **Conclude Xtra**.

The following are scientific names for the weeds listed in this label. For specific recommendations on control of these weeds refer to the Application Rate Table.

Broadleaf Weeds

Common Name	Scientific Name
Anoda, Spurred	<i>Anoda cristata</i>
Carpetweed	<i>Mollugo verticillata</i>
Cocklebur	<i>Xanthium strumarium</i>
Crotalaria	<i>Crotalaria spectabilis</i>
Croton, Tropic	<i>Croton glandulosus</i>
, Woolly	<i>Croton capitatus</i>
Dayflower	<i>Commelina communis</i>
Ducksalad	<i>Heteranthera limosa</i>
Eclipta	<i>Eclipta alba</i>
Gooseweed	<i>Sphenoclea zeylandica</i>
Jimsonweed	<i>Datura stramonium</i>
Ladysthumb	<i>Polygonum persicaria</i>
Lambsquarters, Common	<i>Chenopodium album</i>
Mallow, Venice	<i>Hibiscus trionum</i>
Morningglory, Cypressvine	<i>Ipomoea quamoclit</i>
, Entireleaf	<i>Ipomoea hederacea, var. integruscula</i>
, Ivyleaf	<i>Ipomoea hederacea</i>
, Palmleaf	<i>Ipomoea wrightii</i>
, Pitted	<i>Ipomoea lacunosa</i>
, Purple Moonflower	<i>Ipomoea muricata</i>
, Smallflower	<i>Jacquemontia tamnifolia</i>
, Tall (common)	<i>Ipomoea purpurea</i>
Mustard, Wild	<i>Sinapis arvensis</i>
Nightshade, Black	<i>Solanum nigrum</i>
Pigweed, Redroot	<i>Amaranthus retroflexus</i>
, Smooth	<i>Amaranthus hybridus</i>
Ragweed, Common	<i>Ambrosia artemisiifolia</i>
, Giant	<i>Ambrosia trifida</i>
Redstem	<i>Ammannia spp.</i>
Redweed	<i>Melochia corchorifolia</i>
Sesbania, Hemp	<i>Sesbania exaltata</i>
Sida, Prickly, (Teaweed)	<i>Sida spinosa</i>
Smartweed, Pennsylvania	<i>Polygonum pennsylvanicum</i>
Spikerush	<i>Eleocharis macrostachya</i>
Starbur, Bristly	<i>Acanthospermum hispidum</i>
Texasweed	<i>Caperonia palustris</i>
Velvetleaf	<i>Abutilon theophrasti</i>
Waterhemp, Tall	<i>Amaranthus tuberculatus</i>
Yellow Nutsedge	<i>Cyperus esculentus</i>

Conditions of Sale and Warranty
The Directions For Use of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result, because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. **BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY. IN NO CASE SHALL BASF OR THE SELLER BE LIABLE FOR CONSEQUENTIAL, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.** BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** which may be varied only by agreement in writing signed by a duly authorized representative of BASF.

Conclude, Storm, and Blazer are registered trademarks of BASF Corporation. *Basagran* is a registered trademark of BASF AG.

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NVA 0405/ST 4200 0258

Storm[®] herbicide

ACCEPTED

MAR 18 1996

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 7969-76

Tank mix with Select herbicide[®] for postemergence use in soybeans using Duplex II and Prodigy Systems

Storm: EPA Reg. No: 7969-76 Select: EPA Reg. No: 59639-78

All applicable directions, restrictions, precautions and Conditions of Sale and Warranty on the EPA-registered label are to be followed. This labeling must be in the possession of the user at the time of herbicide application.

Directions For Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other 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.

General Information

A tank mix of Storm and Select herbicide is intended for the early postemergence control of a wide spectrum of broadleaf weeds and annual grasses in soybeans (See Table 1).

Storage and Disposal

Keep pesticide in original container. Do not put concentrate or dilute into food or drink containers. Store in a cool, dry place. Keep from freezing. Store above 32° F.

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.

Return Prodigy System to BASF for cleaning and refilling.

For Duplex[™] II System, triple rinse container (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke.

In Case of Emergency

In case of large-scale spillage regarding this product, call:
CHEMTREC 800-424-9300
BASF Corporation 800-832-HELP

In case of medical emergency regarding this product, call:

1. Your local doctor for immediate treatment
2. Your local poison control center (hospital)
3. BASF Corporation 800-832-HELP

Mode of Action:

A tank mix of Storm and Select herbicide is effective through postemergence contact and systemic activity. Weeds must be thoroughly covered with spray. Large crop-and-weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage.

Crop Tolerance:

All soybean varieties are tolerant to Storm and Select herbicide at all stages of growth. Leaf speckling may occur but plants generally outgrow this condition within 10 days.

Cultivation:

Do not cultivate before or during application or within five days after application of Storm and Select herbicide. Cultivation may put weeds under stress and reduce control obtained. A timely cultivation 5-7 days after applying Storm and Select herbicide may assist weed control in soybeans grown in rows more than 10 inches apart.

Duplex[™] II System

Storm and Select herbicide are provided in a molded jug pack that contains enough Storm and Select herbicide to treat 5 acres.

Mixing

Fill tank of a thoroughly clean sprayer half to two-thirds full with clean water. Start agitation and add the recommended amounts of product in the following order: Storm, oil concentrate, and Select herbicide. Then add the remaining quantity of water. Do not attempt to pour the contents of the Duplex container system (Storm and Select herbicide) into the tank simultaneously or poor mixing will result. Maintain constant agitation during application.

Prodigy[™] System

The tank mix of Storm and Select herbicide is supplied in the Prodigy System, a unique, mini-bulk closed delivery system. It consists of a self-discharging tank that does not require any pumping mechanism and has a dry lock connector that protects the user from exposure to tank contents (the Prodigy System contains enough Storm and Select herbicide to treat 320 acres).

Do not refill Prodigy System.

Return Prodigy System to BASF for cleaning and refilling.

Storm and Select herbicide in a dedicated, returnable Prodigy System can only be used with the closed Prodigy System in which it comes packaged.

See Prodigy System Operating Procedure below.

Prodigy System Operating Procedure

- 1) Install a male dry lock connector to the spray tank.
- 2) Connect the female dry lock connector (at the end of the hose attached to the tank) with the male dry lock connector installed on the spray tank.
- 3) Turn on the nitrogen gas supply.
- 4) Set measuring meter to zero.
- 5) Turn on the tank manifold until the desired amount of product, as indicated on the measuring meter, has been discharged into the spray tank.
- 6) Turn off the tank manifold to stop the discharge of product into the sprayer tank.
- 7) Disconnect the female dry lock connector on the tank hose from the male dry lock connector on the spray tank.
- 8) Turn off the nitrogen gas supply when the Prodigy System is empty, operation is completed or tank is ready to be returned to the point of purchase.

Application Rate and Timing

Apply 24 ounces of Storm and 17 ounces of Select herbicide per acre at early postemergence when weeds are small and actively growing (generally when soybeans are in the 2nd to 3rd trifoliolate leaf stage of growth). Add the oil concentrate at a rate of 1 pint per acre. Maintain constant agitation during application. Under excessively dry, wet, or

old conditions, which may reduce herbicidal activity, add oil concentrate at the rate of 2 pints per acre.

Rhizome Johnsongrass

Rhizome johnsongrass is best controlled when Storm and Select herbicide are followed by Poast Plus® herbicide when johnsongrass is 6-8 inches tall. The timing of Storm and Select herbicide should follow label directions for control of the annual grasses and broadleaf weeds. This timing will usually not be optimum for controlling rhizome johnsongrass, however, Storm and Select herbicide will provide effective control of the johnsongrass vegetation and some rhizomes.

The sequential application of Poast Plus (1.5 pints per acre) will control the newly emerging vegetation as well as deplete the rhizome reserves when the following products and rates are used:

Select herbicide: 17 ounces and **Storm:** 24 ounces per acre based on the annual grass labeled directions.

Poast Plus: 1.5 pints per acre on 6-8" rhizome johnsongrass
Use 2 pints of oil concentrate per acre in each spray mix

Postemergence, One-pass Weed Control

For optimum results with Storm and Select herbicide in a total postemergence, one-pass weed control system for soybeans, the following recommendations should be followed:

- plant rows 15" wide or less
- eliminate all vegetative weed growth prior to soybean planting
- apply a tank mix of Storm and Select herbicide according to weed sizes stated on this label (about 21 days after soybean planting).

Yellow Nutsedge

At the optimum application time of Storm and Select herbicide for most pests, yellow nutsedge may not be at the correct growth stage for optimum control. The best nutsedge control will be achieved by applying Storm and Select herbicide and a sequential application of Basagran at 1.5-2.0 pints per acre.

Ground Application

Use a minimum of 10-20 gallons of water per broadcast acre at a minimum of 40 psi pressure (measured at the boom, not at the pump or in the line) to ensure adequate spray coverage. Use standard high pressure pesticide hollow cone or flat fan nozzles spaced 18-20 inches apart. Do not use flood, whirl chamber, or controlled droplet applicator nozzles.

Table 1. Maximum Weed Heights Controlled by Tank Mixing Storm (24 ounces per acre) and Select herbicide (17 ounces per acre) with Crop Oil Concentrate (1 pint per acre)

Broadleaves ^a	Maximum Weed Height	Grasses ^a	Maximum Weed Height
Bristly Starbur	3"	Barnyardgrass	4"
Carpetweed	2"	Broadleaf Signalgrass	4"
Cocklebur	6"	Crabgrass, Large	4"
Common Lambsquarters ^b	2"	Crabgrass, Smooth	4"
Common Ragweed	3"	Foxtail, Giant	4"
Crotalaria	6"	Foxtail, Green	4"
Croton, Tropic	<2"	Foxtail, Yellow	4"
Woolly	<2"	Goosegrass	4"
Eclipta	2"	Johnsongrass (seedling)	4"
Giant Ragweed	6"	Junglegrass	4"
Jimsonweed	6"	Panicum, Browntop	4"
Ladysthumb	6"	Panicum, Fall	4"
Morningglories	2"	Panicum, Texas	4"
Nightshade, Black	2"	Red Sprangletop	4"
Pigweed, Redroot	2"	Red Rice	2"
Smooth	3"	Shattercane	4"
Prickly Sida/Teaweed ^b	2"	Volunteer Cereals	4"
Redweed	3"	Witchgrass	4"
Sesbania	6"	Woolly Cupgrass	4"
Smartweed, Pennsylvania	4"		
Spurred Anoda ^b	2"	Perennials:	Maximum Weed Height
Texasweed	3"	(top growth suppression)	
Velvetleaf ^b	2"	Johnsongrass (Rhizome)	Based on application
Venice Mallow	2"	Yellow Nutsedge	timing of annual grasses
Wild Mustard	4"		

^a For new germination or perennial regrowth, follow up no sooner than 15 days later with Basagran® herbicide, Poast Plus® herbicide, Storm® herbicide, or Blazer® herbicide. Refer to the respective labels for Directions For Use.

^b Control may be inconsistent. A later application of Basagran may be necessary. (See Basagran label.)

Aerial Application

Use a minimum of 5 gal. of water per acre and a maximum of 40 psi pressure. To obtain uniform coverage and to avoid drift hazards, the following application equipment and practices should be used:

Nozzle Type: Use only diaphragm-type nozzles producing cone or fan spray patterns.

Nozzle Height: 6-10 feet above crop.

Nozzle Orientation: Nozzles must be oriented so as to discharge straight back with the air stream (opposite the direction of travel of the aircraft) and not more than 20° downwind.

Nozzles must be located no farther out than 3/4 the distance from the center of the aircraft to the end of the wing or rotor.

Do not apply **Storm** and **Select herbicide** by aircraft when wind is blowing at a velocity above 10 mph. Coarse sprays (larger droplets) are less likely to drift.

Do not apply **Storm** and **Select herbicide** by air if ornamental or sensitive nontarget crops such as cotton, sugar beets, sunflowers, or okra are within 200 feet downwind. Grass crops such as corn, sorghum, wheat, rice, etc. are highly sensitive to **Select herbicide**.

Applicator must follow the most restrictive use cautions to avoid drift hazard and must follow labeling as well as applicable state and local regulations and ordinances.

Procedure For Cleaning Spray Equipment

Clean sprayer thoroughly before and after application of **Storm** and **Select herbicide**, particularly if a herbicide with the potential to injure crops was previously used. Consult the label of the previously used herbicide for cleaning instructions. If no instructions are available, the steps listed below are suggested for thorough cleaning of spray equipment prior to or following application of **Storm** and **Select herbicide**.

Step 1: Hose down thoroughly the inside as well as the outside of equipment while filling the spray tank half full of water.

Flush by operating sprayer until the system is purged of this rinse water.

Step 2: Refill tank with water while adding 1 gallon household ammonia or 1 pint household dishwashing detergent or 1 pound of dishwasher detergent per 100 gallons of water. Or add a commercial sprayer cleaner according to the manufacturer's directions.

Operate the pump to circulate the detergent solution through the sprayer system for 5-10 minutes and discharge a small amount of solution through the boom and nozzles. Let the solution stand for 24 hours.

Step 3: Flush the detergent solution out of the spray tank through the boom.

Step 4: Remove the nozzles and screens and flush the system with two tankfuls of water.

Restrictions and Limitations

Always read and follow all label directions when using any pesticide alone or in tank mix combinations.

The most restrictive label applies when using tank mixes.

Only one application of the tank mix of **Storm** and **Select herbicide** per acre per season should be made.

Do not apply to weeds under stress, such as stress due to lack of moisture, previous herbicide injury, mechanical injury or cold temperatures, as unsatisfactory weed control could result.

Do not apply if rainfall or overhead irrigation is expected soon after application.

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Storm** and **Select herbicide** with other pesticides (fungicides, herbicides, insecticides or miticides) additives or fertilizers not recommended on the label. BASF does not recommend the use of **Storm** and **Select herbicide** in tank mixes other than those listed on BASF labels, supplemental labels, or technical bulletins. Local agricultural authorities may be a source of information when using other BASF recommended combinations.

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Do not apply **Storm** and **Select herbicide** to soybeans that show injury, leaf phytotoxicity, and/or plant stunting caused by any other prior herbicide application because this injury may be enhanced or prolonged.

Do not apply **Storm** and **Select herbicide** through any type of irrigation system.

Do not apply to soybeans within 60 days of harvest.

Do not use treated plants for feed or forage.

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

This product cannot be used to formulate or reformulate any other pesticide product.

In case of crop failure, only soybeans may be immediately replanted.

Crop rotation restriction: Root crops (such as carrots, turnips, sweet potatoes, etc.) must not be planted in field treated with **Storm** and **Select herbicide** for 18 months following treatment.

After application of **Storm** and **Select herbicide**, do not apply more than 1.5 pounds a.i. of bentazon per acre, per season; or 0.25 pounds a.i. of sodium acifluorfen per acre, per season.

Do not apply sequential applications of **Blazer**, **Basagran**, or **Poast Plus** within 15 days following the application of **Storm** and **Select herbicide**.

After application of **Storm** and **Select herbicide**, do not apply more than 0.375 pounds of a.i. of clethodim per acre, per season.

Do not use select herbicide application equipment such as recirculating sprayers, wiper applicators, or shielded applicators when applying **Storm** and **Select herbicide**.

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Conditions of Sale and Warranty
The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and should be followed carefully. However, it is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness or other unintended consequences may result, because of such factors as weather conditions, presence of other materials, or use of the product in a manner inconsistent with its labeling, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. All such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

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