

Supplemental Label



Valent U.S.A. Corporation
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Select® Herbicide

EPA Reg. No.: 59639-78

ACCEPTED

MAR 13 1996

Under the Federal Insecticide,
Fungicide, and Rodenticide Act,
as amended, for the pesticide
registered under
EPA Reg. No. 59639-78

Tank-mix with Storm® Herbicide for Postemergence Use in Soybeans Using Duplex II and Prodigy Systems

All applicable directions, restrictions, precautions and Limited 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 any 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 Select Herbicide and Storm 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.

Emergency Response: For help with any spill, leak, fire or exposure involving this material, call day or night 1-800-892-0099.

Mode of Action:

A tank mix of Select Herbicide and Storm 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 **Select Herbicide** and **Storm** 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 **Select Herbicide** and **Storm**. Cultivation may put weeds under stress and reduce control obtained. A timely cultivation 5-7 days after applying **Select Herbicide** and **Storm** may assist weed control in soybeans grown in rows more than 10 inches apart.

Duplex™ II System

Select Herbicide and **Storm** are provided in a molded jug pack that contains enough **Select Herbicide** and **Storm** 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 (**Select Herbicide** and **Storm**) into the tank simultaneously or poor mixing will result. Maintain constant agitation during application.

Prodigy™ System

The tank mix of **Select Herbicide** and **Storm** 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 **Select Herbicide** and **Storm** to treat 320 acres).

Do not refill **Prodigy System**.

Return **Prodigy System** to BASF for cleaning and refilling.

Select Herbicide and **Storm** 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 trifoliate leaf stage of growth). Add the oil concentrate at a rate of 1 pint per acre. Maintain constant agitation during

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application. Under excessively dry, wet, or cold 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 Select Herbicide and Storm are followed by Poast Plus® herbicide when johnsongrass is 6-8 inches tall. The timing of Select Herbicide and Storm 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, Select Herbicide and Storm 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.

Total Postemergence, One-Pass Weed Control

For optimum results with Select Herbicide and Storm 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 Select Herbicide and Storm according to weed sizes stated on this label (about 21 days after soybean planting).

Yellow Nutsedge

At the optimum application time of Select Herbicide and Storm 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 Select Herbicide and Storm 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*	Maximum Weed Height	Grasses*	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"
Croton, 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"
Pigweed, 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
Texasweed	3"	(top growth suppression)	Weed Height
Velvetleaf ^b	2"		
Verice Mallow	2"	Johnsongrass (Rhizome)	Based on application
Wild Mustard	4"	Yellow Nutsedge	timing of annual grasses

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

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 **Select Herbicide** and **Storm** by aircraft when wind is blowing at a velocity above 10 mph. Coarse sprays (larger droplets) are less likely to drift.

Do not apply **Select Herbicide** and **Storm** by air if ornamental or sensitive nontarget crops such as cotton, sugarbeets, 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 **Select Herbicide** and **Storm**, 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 **Select Herbicide** and **Storm**.

- 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 **Select Herbicide** and **Storm** 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 over-head irrigation is expected soon after application.

Physical incompatibility, reduced weed control, or crop injury may result from mixing **Select Herbicide** and **Storm** with other pesticides (fungicides, herbicides, insecticides or miticides) additives or fertilizers not recommended on the label. BASF does not recommend the use of **Select Herbicide** and **Storm** 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 **Select Herbicide** and **Storm** 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 **Select Herbicide** and **Storm** 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 **Select Herbicide** and **Storm** for 18 months following treatment.

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

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

After application of Select Herbicide and Storm, do not apply more than 0.375 lb. of clethodim per acre, per season.

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

IMPORTANT INFORMATION. READ BEFORE USING PRODUCT.

LIMITED WARRANTY: 1. Valent U.S.A. Corporation warrants that this product conforms to the chemical description on the label and is reasonably fit for use under average conditions when used strictly in accordance with the directions on the labeling. Valent does not make nor authorizes any agent or representative to make, any other warranty, guarantee or representation, express or implied, concerning this product. Specifically, NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS MADE.

2. Critical and unforeseeable factors beyond Valent's control prevent it from eliminating all risks in connection with the use of this product. Such risks include, but are not limited to, damage to plants and crops to which product is applied, lack of complete control over the handling and application of this product, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit under average conditions for the uses stated on the labeling and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Valent under 1 above) resulting from handling, storage, and use of the product.

3. Precautions stated on the labeling should be followed to avoid hazardous exposure to the product.

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