

SEP - 1 1993

Ms. Karen R. Blundell  
BASF Corporation  
P.O. Box 13528  
Research Triangle Park, NC 27709

Dear Ms. Blundell:

Subject: Supplemental Label for Use on Rice  
STORM® Herbicide  
EPA Reg. No. 7969-76  
Your submission dated Aug. 23, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

This acceptance of your label does not relieve you of any obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations at 40 CFR part 158, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,

**BEST AVAILABLE COPY**

Robert J. Taylor  
Product Manager 25  
Fungicide-Herbicide Branch  
Registration Division (H7505C)

Enclosure

RD:RTaylor:eja:9/1/93:3056800

## Supplemental Labeling

# Storm<sup>®</sup>

herbicide

**Postemergence herbicide for use on rice**

Storm (EPA Reg. No 7969-76)

WITH COMMENTS  
In EPA Letter Dated:

SEP - 1 1993

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

7969-76

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.

### General Information

Storm<sup>®</sup> herbicide is intended for selective postemergence control of certain broadleaf weeds and sedges. Storm is effective mainly through contact action; therefore, weeds must be thoroughly covered with spray. Large crop- and weed-leaf canopies shelter smaller weeds and prevent adequate spray coverage. Storm has no adverse effect on rice when used according to directions and may be used on first and second (ratoon) crops.

### Time and Rate of Application

Apply Storm early postemergence, when weeds are small and actively growing and before weeds reach the maximum size list in Tables 1 and 2. Delay in application which permits weeds to exceed the maximum size stated will result in inadequate control. Storm should be applied to rice after the three-leaf stage and no later than the early boot stage. Storm should be applied to actively growing hemp sesbania before the flowering stage.

**Table 1 Storm - Rice  
Drained Fields  
Application Rate Table**

Weeds Controlled*	Storm 1 1/2 pints/acre	
	Leaf stage	Max. height (in.)
Cocklebur	2-10	10
Dayflower	2-10	6
Duckweed	2-4	2
Gooseweed	4-6	4
Hemp Sesbania	**	**
Morningglory species	up to 4	2
Redstem	up to 6	4
Redweed	4-6	6
Smartweed	2-10	6
Spikerush	2-6	6
Yellow Nutsedge ***	4-6	6

\* Add a nonionic surfactant at a rate (concentration) of 0.25% v/v (2 pts. per 100 gallons of spray solution).

\*\* Effective control can be obtained at practically all heights provided Storm plus a nonionic surfactant is applied before the bloom (flowering).

\*\*\* Add oil concentrate at a rate (concentration) of 1.25% v/v (2 pts. per 100 gallons of spray solution) instead of a nonionic surfactant. Partial control can be expected.

### Water Volume, Spray Pressure, and Additives

Apply recommended rates of Storm as follows:

**Ground Equipment:** For best results, use a minimum of 20 gallons of water per acre and 40 psi. Use standard flat fan or hollow cone nozzles spaced 20 inches apart.

**Air Equipment:** Use 5-10 gallons of water per acre with a maximum pressure of 40 psi. Use only diaphragm-type nozzles producing cone or flat spray patterns.

**Spray Additives:** An additive is required with Storm to achieve consistent weed control. Specific additives may be more effective for a particular weed, so refer to the recommendations in Tables 1 and 2.

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**Table 2 Storm - Rice  
Flooded Fields  
Application Rate Table**

Weeds Controlled*	Storm 1 1/2 pints/acre	
	Max. height above soil (inches)	Max. height above water level (inches)
Cocklebur	10	6
Dayflower	6	5
Hemp Sesbania	**	4
Morningglory species	2	1
Redstem	4	3
Smartweed	6	5
Yellow Nutsedge ***	6	5

\* Add a nonionic surfactant at a rate (concentration) of 0.25% v/v (2 pts. per 100 gallons of spray solution).

\*\* Effective control can be obtained at practically all heights provided Storm plus a nonionic surfactant is applied before the bloom (flowering).

\*\*\* Add oil concentrate at a rate (concentration) of 1.25% v/v (2 pts. per 100 gallons of spray solution) instead of a nonionic surfactant. Partial control can be expected.

### Restrictions and Limitations

Do not apply more than one application of **Storm** per acre, per season.

Do not apply more than 1 1/2 pints of Basagran herbicide following an application of **Storm**. Do not make any applications of Blazer herbicide to rice treated with **Storm**.

Do not apply **Storm** to rice with ground equipment when field is flooded, because splashing will wash **Storm** off weed leaf surfaces and result in ineffective control.

Do not use **Storm** on rice fields where the commercial cultivation of catfish or crayfish is practiced.

Do not use water containing residues of **Storm** from rice cultivation to irrigate crops other than soybeans or peanuts.

Do not use treated plants for feed or forage.

Do not apply **Storm** through any type of irrigation equipment.

Root crops (such as carrots, turnips, sweet potatoes, etc.) must not be planted in fields treated with **Storm** for 18 months following treatment.

Do not apply **Storm** to rice after it reaches the early boot stage or within 50 days of harvest.

### Tank mix with Propanil

Use a tank mix of **Storm** + **Propanil** by ground or air for the control of mixed populations of grasses, sedges and broadleaf weeds listed as susceptible on the two product labels. Prepare tank mix by adding to half the final volume of water with agitator

operating. Then, add **Propanil** and bring mix to final volume. Agitation must be continuous from time of mixing through spraying.

Apply **Storm** at a rate of 1 1/2 pints per acre. Use up to 5 pounds active ingredient (ai) of **Propanil** for additional broadleaf weed control and grass control with **Storm**.

Apply this tank mix only to drained fields.

### Restrictions and Limitations for a Tank Mix with Propanil

Observe **Restrictions and Limitations** on this label and the **Propanil** labels. The most restrictive label applies when using a tank mix.

Do not apply more than one application of **Storm** + **Propanil** tank mix per season.

Do not apply this tank mix if Blazer has been previously applied.

Add **Propanil** to a tank mix of **Storm** based on active ingredient (ai) of **Propanil** formulation used.

Do not use **Propanil** on second crop (ratoon) rice.

When applying tank mix by air, orient all nozzles straight back in accordance with the **propanil** label.

\* **Propanil** products should be tested for physical tank mix compatibility with **Storm**. Please refer to the Jar Test on the **Storm** label and adapt directions for evaluating **Propanil** + **Storm** as a tank mix.

### 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.

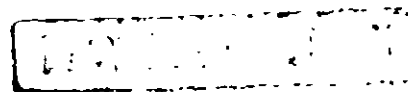
BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above. BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR OTHER 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 duly authorized representative of BASF.

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