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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

AUG 21 2009

Charlotte A. Sanson
BASF Corporation
26 Davis Drive
P.O. Box 13528
Research Triangle Park, North Carolina 27709

Subject: Headline® Fungicide
EPA Registration Number 7969-186
Decision D404273; your supplemental label, received on
December 3, 2008, for in-furrow use on dry beans,
peanut, and sunflower

Dear Ms. Sanson,

We have reviewed the subject amended labeling, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended. The amended

1. Make the following changes to the label:

a. In each instance where the term "dry bean" occurs change this term to "dry shelled beans* (except soybeans)". The footnote the asterisk refers to must read "Adzuki bean, black-eyed pea, broad bean, catjang, chickpea, crowder pea, field bean, grain lupin, guar, kidney bean, lablab bean, Lima bean, moth bean, mung bean, navy bean, pink bean, pinto bean, rice bean, southern pea, sweet lupin, tepary bean, urd bean, and white lupin."

b. Change the last sentence in the paragraph immediately before the heading "Directions for Use" from "User must have the full Headline container label, this supplemental label and any other label required for the intended use in possession at the time of pesticide application." To "User must have the full Headline container label and this supplemental label for the intended use in possession at the time of pesticide application."

c. Change the first paragraph in the "Restrictions and Limitations" section from "Headline is not for use in greenhouse or transplant production systems." To "DO NOT use Headline in greenhouse or transplant production."

2. Submit one copy of your final printed label before you release product bearing this amended labeling for shipment.

If you have any questions about this letter, please contact John Bazuin at (703)305-7381 or bazuin.john@epa.gov.

Sincerely yours,



Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7505P)

Attachment: Supplemental label stamped "ACCEPTED with COMMENTS"

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The Chemical Company



Supplemental Label

For infurrow use to aid in the control of soilborne *Rhizoctonia* in dry bean, peanut and sunflower

EPA Reg. No. 7969-186

Active Ingredient*:

pyraclostrobin: carbamic acid, [2-[[[1-(4-chlorophenyl)-1H-pyrazol-3-yl]oxy]methyl]phenyl] methoxy-, methyl ester 23.6%

Other Ingredients:** 76.4%

Total: 100.0%

*Equivalent to 2.09 pounds of pyraclostrobin per gallon.
**Contains petroleum distillates.

Refer to the **Headline[®]** fungicide main label, EPA Reg. No. 7969-186, for complete Directions For Use and all applicable restrictions and precautions. User must have the full Headline container label, this supplemental label and any other label required for the intended use in possession at the time of pesticide application.

Restrictions and Limitations
Headline is not for use in greenhouse or transplant production systems.

Refer to the **Headline** container label for restrictions pertaining to resistance management practices.

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.

The maximum product rate per season shown on the **Headline** container label for dry bean, peanut and sunflower includes the combination of infurrow and foliar uses.

General Information

Headline contributes to soilborne *Rhizoctonia solani* disease control when applied infurrow as a preventive application. The level of disease control may vary with disease pressure. Improved performance may result when **Headline** is used in combination with fungicides with different modes of action.

**ACCEPTED
with COMMENTS
in EPA Letter Dated
AUG 21 2009**

**Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No. 7969-186**

Directions for Headline® fungicide Infurrow Applications for Dry Bean, Peanut and Sunflower Seedling Diseases

Rate per 1000 row feet (fl oz product)	Product Rate per Acre (fl ozs)								
	15" rows	20" rows	22" rows	30" rows	32" rows	34" rows	36" rows	38" rows	40" rows
0.1	3.5	/	/	/	/	/	/	/	/
0.2	7.0	5.2	4.7	3.5	3.3	3.2	3.0	/	/
0.3	10.5	7.8	7.1	5.2	5.0	4.8	4.5	4.3	4.0
0.4	see footnote ¹	10.4	9.5	6.9	6.7	6.4	6.0	5.7	5.4
0.5	see footnote ¹	see footnote ¹	11.8	8.7	8.4	8.0	7.5	7.1	6.7
0.6	see footnote ¹	see footnote ¹	see footnote ¹	10.4	10.0	9.6	9.0	8.5	8.1
0.7	see footnote ¹	see footnote ¹	see footnote ¹	see footnote ¹	11.7	11.2	10.5	10.0	9.4
0.8	see footnote ¹	see footnote ¹	see footnote ¹	see footnote ¹	see footnote ¹	see footnote ¹	12.0	11.4	10.8

Application Directions: Use 0.1 to 0.8 fl oz of **Headline** per 1000 feet of row. Refer to this chart to determine the rate per acre. Apply at planting as an infurrow application by directing the spray into the furrow before seed is covered. Use a minimum volume of application of 2.5 gallons of water per acre.

When *Rhizoctonia* seedling disease pressure conditions are expected to be severe or if the field has a history of seedling diseases, use **Headline** at a product rate per acre equivalent to 9 fl ozs or greater and/or tank mix with a fungicide having a different mode of action.

Adjust rate per 1000 row feet so that you **DO NOT** apply more than 12 fl ozs per acre of **Headline**.

¹ For 32- to 34-inch rows, use a maximum of 0.7 fl oz per 1000 row feet.
 For 30-inch rows, use a maximum of 0.6 fl oz per 1000 row feet.
 For 22-inch rows, use a maximum of 0.5 fl oz per 1000 row feet.
 For 20-inch rows, use a maximum of 0.4 fl oz per 1000 row feet.
 For 15-inch rows, use a maximum of 0.3 fl oz per 1000 row feet.

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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 must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the 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. To the extent consistent with applicable law, 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THE PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, 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.

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The Chemical Company