



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460-0001

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Missouri Department of Agriculture
1616 Missouri Boulevard, P.O. Box 630
Jefferson City, Missouri 65102-0630

Date Issued: March 21, 2008
Expiration Date: July 31, 2008
Report Due: January 27, 2009
File Symbol: 08MO01

Attn: Darryl Slade

The Environmental Protection Agency hereby issues a specific exemption under the provisions of section 18 of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, to the Missouri Department of Agriculture for use of chlorantraniliprole (e2y45) to control rice water weevil on rice, seed. This specific exemption is subject to the conditions and restrictions set forth in your application, as well as the following:

1. The Missouri Department of Agriculture is responsible for ensuring that all provisions of this specific exemption are met. It is also responsible for providing information in accordance with 40 CFR 166.32. Accordingly, a report summarizing the results of this program must be submitted to EPA Headquarters and the EPA Regional office within 6 months following the expiration of this exemption, or prior to requesting another specific exemption for this use. In accordance with 40 CFR 166.32(a), these offices shall also be immediately informed of any adverse effects resulting from the use of this pesticide in connection with this exemption.

Any future correspondence regarding this exemption should refer to file symbol 08MO01.

2. The unregistered product Dermacor™ X-100 Seed Treatment (SC formulation) containing 50% chlorantraniliprole (CA No. 500008-45-7), manufactured by E.I. Dupont de Nemours & Company, may be applied. The use directions, restrictions, and precautions on the Section 18 label must be followed.

3. Dermacor™ X-100 may be applied to seed at a maximum rate of 2.5 to 5.5 fluid ounces (0.054 to 0.13 lbs active ingredient) per 100 lbs of rice seed. Observe a 4 hour re-entry interval following treatment. The amount of treated seed planted must not result in more than 0.13 lbs of active ingredient per acre, as specified in the Section 18 label.

4. The product must be applied to rice seed at a seed treatment facility and is intended for drill-seeded rice only. Rice seed may be applied by broadcast as long as the seed is soil incorporated. Do not use this product for water-seeded rice.

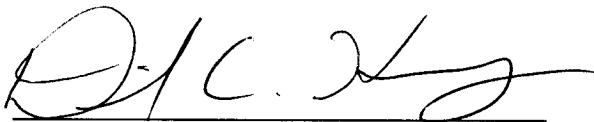
5. Due to limited availability of product, it is EPA's understanding that a maximum of 11,520 ounces of product will be available for use in Missouri this year. Missouri is approved to use this amount. Assuming 2.5 ounces of product to treat 100 lbs of seed, and planting of 70 lbs of seed per acre, it is estimated this amount would cover approximately 4,600 acres. If significantly more product becomes available, please contact the Agency for approval prior to seed treatment.

6. The use of chlorantraniliprole in rice seed is not expected to adversely affect human health. The available data support the establishment of time-limited tolerances of chlorantraniliprole in/on rice straw at 0.25 ppm and in/on rice grain at 0.10 ppm.

7. An adequate analytical method (LC/MS/MS method) is available to enforce the tolerance expression.

8. Treated seed must not be used for food, feed or oil processing, and must be adequately dyed in accordance with 21 CFR 225 to prevent use as a food or food item. Do not store left-over seed. Stocks of unregistered DermacorTM X-100 Seed Treatment may be produced and introduced into the channels of trade as part of this authorization, in accordance with 40 CFR 152.30(e). Any unused, unregistered product must either be returned to the manufacturer or distributor (unopened containers) or disposed of in accordance with Resource Conservation and Recovery Act regulations following the expiration of this specific exemption.

This is the first year Missouri has requested this use under section 18. This was a difficult section 18 decision for EPA due to the limited availability of data. In order to re-issue a Section 18 next year, EPA must have data consistent with its emergency review that was provided to the State. If you have questions about the data necessary to substantiate an emergency need for 2009, please contact us. Due to limited data, EPA is making a preliminary determination that this use pattern is *not* eligible for the re-certification program (40 CFR 166.20(b)(5)) in the event that the Missouri Department of Agriculture requests an emergency exemption next year. If you have any questions regarding this authorization, please call or email Marcel Howard of my staff at (703) 305-6784 or howard.marcel@epa.gov.



for Lois Rossi, Director
Registration Division
Office of Pesticide Programs

Date: 3/21/2008

cc: US EPA Region 7
Mary Jane Wingett