

67979-14

11/26/2008

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY



U.S. ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Biopesticides and Pollution Prevention Division (7511P)
1200 Pennsylvania Avenue NW
Washington, D.C. 20460

EPA Reg. Number: 67979-14
Date of Issuance: 11/26/08
Term of Issuance: Conditional, Time-Limited
Name of Pesticide Product: MIR162 maize

NOTICE OF PESTICIDE:
 Registration
 Reregistration (under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):
Syngenta Seeds, Inc. - Field Crops - NAFTA
P.O. Box 12257
3054 East Cornwallis Road
Research Triangle Park, NC 27709-2257

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

The registration application referred to above, submitted in connection with registration under Section 3(c)(7)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you comply with the following terms and conditions.

1. The subject registration will automatically expire at midnight on December 31, 2011.
2. The subject registration will be limited to *Bacillus thuringiensis* Vip3Aa20 insecticidal protein and the genetic material necessary for its production (via pNOV1300) in Event MIR162 maize (OECD Unique Identifier SYN-IR162-4).

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Signature of Approving Official:
Janet Andersen
Janet Andersen, Ph.D., Director
Biopesticides and Pollution Prevention Division (7511P)

Date: 11/26/08

EPA Form 8570-6

CONCURRENCES

SYMBOL	7511P	7511P					
SURNAME	Kausch	Rulif					
DATE	11/26/2008	11/26/08					

Syngenta Seeds, Inc. – Field Crops – NAFTA
EPA Reg. No. 67979-14

3. Submit/cite all data required for registration of your product under FIFRA § 3(c)(5) when the Agency requires all registrants of similar products to submit such data.
4. This product may be used for breeding purposes, agronomic testing, increasing inbred seed stocks, and producing hybrid seed on up to a total of 20,000 acres per county and up to a combined United States (U.S.) of 30,000 acres per year. Commercial plantings of this product, for the purposes of grain production and controlling corn insect pests, are prohibited.
5. This plant-incorporated protectant may be combined through conventional breeding with other registered plant-incorporated protectants that are similarly approved for use in combination, through conventional breeding, with other registered plant-incorporated protectants to produce inbred corn lines and hybrid corn varieties with combined pesticidal traits.
6. Submit the following data and/or information in the time frames listed:

Study Type	Required Data	Due Date
Residue Analytical Method - Plants (OPPTS 860.1340)	The validation of the analytical method performed by Syngenta (as described in Standard Operating Procedure 2.91) must provide the following: 1) results as a concentration (i.e., gram/gram) as opposed to an optical density value and 2) testing on dilutions from corn samples, before grinding, instead of flour samples in order to address variability introduced by grinding and sample preparation. Additionally, you must provide to the EPA laboratory (Ft. Meade, Maryland) methodology and/or reagents necessary for validation of such analytical method within 6 months from the date that the Agency requests them.	November 1, 2009
Aquatic Invertebrate Toxicity (OPPTS 885.4240)	A 7-14 day <i>Daphnia</i> study as per the OPPTS 885.4240 guideline must be submitted as a condition of registration. Alternatively, a dietary study of the effects on an aquatic invertebrate, representing the functional group of a leaf shredder in headwater streams, can be performed and submitted in lieu of the 7-14 day <i>Daphnia</i> study.	November 1, 2009
Insect Resistance Management – Annual Reporting	Annual sales data, to include units sold and acres planted, must be reported and summed by state and county.	January 31 st of each year, beginning in 2010

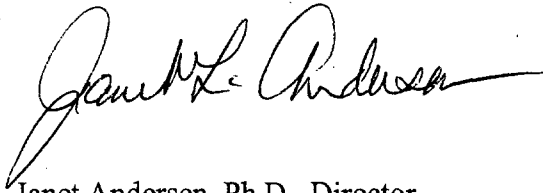
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If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

Sincerely,

A handwritten signature in black ink, appearing to read "Janet Andersen", with a long horizontal flourish extending to the right.

Janet Andersen, Ph.D., Director
Biopesticides and Pollution
Prevention Division (7511P)

Enclosures

ACCEPTED

NOV 26 2008

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Under the Federal Insecticide, Fungicide,
and Rodenticide Act, as amended, for
the pesticide registered under
EPA Reg. No. 67979-14

MIR162 maize

Alternative brand name: MIR162 corn

Insect Control Protein

(OECD Unique Identifier: SYN-IR162-4)

Active Ingredient:

Bacillus thuringiensis Vip3Aa20 insecticidal protein and the genetic material necessary
for its production (via elements of vector pNOV1300) in Event MIR162 maize
(SYN-IR162-4)0.00167 – 0.00751%*

Other Ingredient:

A marker protein and the genetic material necessary for its production (via elements
of vector pNOV1300) in Event MIR162 corn (SYN-IR162-4) 0.00014 – 0.00073%*

*Percentage in whole plants on a dry-weight basis.

CAUTION

Keep Out of Reach of Children

EPA Registration Number 67979-14
EPA Establishment Number 66736-NC-1

Syngenta Seeds, Inc - Field Crops - NAFTA
P.O. Box 12257
3054 E. Cornwallis Rd.
Research Triangle Park, NC 27709

DIRECTIONS FOR USE

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

This product may be used for breeding purposes, agronomic testing, increasing inbred seed stocks, and producing hybrid seed on up to a total of 20,000 acres per county and up to a combined United States total of 30,000 acres per year. Commercial plantings of this product for the purposes of grain production and controlling corn insect pests are prohibited.

This plant-incorporated protectant may be combined through conventional breeding with other registered plant-incorporated protectants that are similarly approved for use in combination, through conventional breeding, with other registered plant-incorporated protectants to produce inbred corn lines and hybrid corn varieties with combined pesticidal traits.

STORAGE AND DISPOSAL

Planting seed, as well as harvested seed, should be stored in a secure, cool, and dry place. Do not contaminate bodies of water by storage or disposal.