



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Registration Division (7505P)
 Ariel Rios Building
 1200 Pennsylvania Ave., NW
 Washington, D.C. 20460

EPA Reg. Number:

62719-539

Date of Issuance:

09/28/07

NOTICE OF PESTICIDE:

- Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Conditional

Name of Pesticide Product:

Spinetoram Technical

Name and Address of Registrant (include ZIP Code):

Dow AgroSciences, LLC
 9330 Zionsville Road.
 Indianapolis, IN 46268

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration 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/reregistered 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.

This product is conditionally registered in accordance with FIFRA sec. 3(c)(7)(C) provided that you:

- Submit and/or cite all data required for registration/re-registration of your product under FIFRA Section 3(c)(5) when the Agency requires all registrants of similar products to submit such data; and submit responses required for re-registration of your product under FIFRA Section 4.
- Make the following label changes:
 - Add the signal word "Caution" to the front panel and beneath the "Hazard to Humans and Domestic Animals".
 - Add "This product is toxic to aquatic invertebrates" as the first sentence under the environmental Hazards statement.
 - Revise the "Warranty Limitations and Disclaimer" as follows: Change "To the extent permitted by law" to read "*To the extent consistent with applicable law*".
 - Under directions for use, qualify "cereal grains (except rice)".
- Submit the data listed below conducted in accordance with the 40 CFR 158 test guidelines, by the associated due dates:

Guideline Ref. No.Title of StudyDate Due

Residue Chemistry
 OPPTS 860.1340

Successful PMV of plant and
 Livestock enforcement methods

March 28, 2008

OPPTS 860.1480	Poultry feeding study	March 28, 2009
OPPTS 860.1520	Processing studies	Sept. 28, 2009
Non-Guideline	Analytical reference standards	March 28, 2008

Ecological Effects

72-2	Acute freshwater invertebrate	June 28, 2008
OPPTS 850.1025	Oyster acute toxicity test (shell deposition) raw data or new study	June 28, 2008
72-3a	Acute estuarine/marine fish	Sept. 28, 2009
72-3b	Acute freshwater fish	Sept. 28, 2008
72-4c	Mysid chronic toxicity test	February 28, 2009
OPPTS 850.1735	Whole Sediment Acute Toxicity Invertebrates, Freshwater	February 28, 2009
OPPTS 850.1740	Whole Sediment Acute Toxicity Invertebrates, Estuarine	February 28, 2009
OPPTS 850.3030	Honey bee toxicity of residues on foliage	February 28, 2009

Product Chemistry


Submit five batch preliminary analysis data on this technical product produced on large or commercial scale, along with a revised CSF, by the agreed date of December 31, 2007.

For further clarifications and/or additional information on the required labeling revisions and data requirements, please see copy of the Agency's "Human Health Risk Assessment", "Environmental Fate and Ecological Risk Assessment" and "Residue Chemistry Summary" dated September 20, July 31 and August 9, 2007, respectively.

Please note that your failure to satisfy any of the conditions imposed on this registration (e.g., failure to submit the required data by the specified deadlines, or the data submitted were not generated in accordance with applicable test guidelines) may result in the Agency's issuance of a cancellation notice, under FIFRA 6(e). You must also submit the final printed label bearing the above stated revisions prior to releasing this product for sale.

See enclosed copy of the stamped label for your records. If you have any questions concerning this action, please contact Dr. B.A. Akinlosotu at (703) 605-0653.

Signature of Approving Official:


 George LaRocca,
 Product Manager 13
 Insecticide Branch
 Registration Division (7505P)

Date:

September 28, 2007

**ACCEPTED
with COMMENTS
In EPA Letter Dated:**

SEP 28 2007

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

62119-539

Spinetoram Technical

Insecticide

For Manufacturing Use Only

Active Ingredient:

1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-3-O-ethyl-2,4-di-O-methyl- α -L-mannopyranosyl)oxy]-13-[[[(2R,5S,6R)-5-(dimethylamino) tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,4,5,5a,5b, 6,9,10,11, 12,13, 14,16a,16b-hexadecahydro 14-methyl-, (2R,3aR,5aR,5bS,9S,13S,14R, 16aS,16bR)

Common Name: Spinetoram-J

and

1H-as-Indaceno[3,2-d]oxacyclododecin-7,15-dione, 2-[(6-deoxy-3-O-ethyl-2,4-di-O-methyl- α -L-mannopyranosyl)oxy]-13-[[[(2R,5S,6R)-5-(dimethylamino) tetrahydro-6-methyl-2H-pyran-2-yl]oxy]-9-ethyl-2,3,3a,5a,5b, 6,9,10,11,12,13,14, 16a,16b-tetradecahydro-4,14-dimethyl-, (2S,3aR,5aS,5bS,9S,13S,14R, 16aS,16bS)

Common Name: Spinetoram-L

.....	86.4%
Other Ingredients	13.6%
Total	100.0%

Precautionary Statements

Hazards to Humans and Domestic Animals

Prolonged Or Frequently Repeated Skin Contact May Cause Allergic Reactions In Some Individuals

Environmental Hazards

Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

Directions for Use

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

This product may only be formulated into manufacturing-use insecticide products or end-use insecticide products for the following uses: acerola, asparagus, atemoya, avocado, banana, biriba, black sapote, bulb vegetables, bushberries, caneberries, canistel, cereal grains, cherimoya, citrus fruits, cole crops, commercial aquatic plants, corn (field corn, sweet corn, popcorn, and corn grown for seed) and teosinte, cotton, cranberry, cucurbits, custard apple, feijoa, fig, fire ants (mound application in turfgrass and ornamentals, in greenhouses and in other outdoor areas), fruiting vegetables (okra, tomatoes, peppers and eggplants), grape, guava, herbs, home gardens, home lawns and ornamentals, ilama, jaboticaba, leafy vegetables, leaves of root and tuber and legume vegetables, legume vegetables (succulent and dried beans and peas), longan, lychee, mamey sapote, mango, mint, ornamentals (herbaceous and woody) growing outdoors/in nurseries (including conifer seed orchards)/or in greenhouses, papaya, passionfruit, peanut, plantain, pome fruits, potatoes and tuberous and corm vegetables, pulasan, rambutan, root vegetables, sapodilla, soursop, soybean, Spanish lime, star apple, starfruit, stone fruits, strawberry, sugar apple, ti palm leaves, tree farms or plantations, tree nuts and pistachios, turfgrass, wax jambu and white sapote. This product may be used to formulate products for specific use(s) not listed on

this label if the formulator, user group or grower has complied with U.S. EPA submission requirements regarding the support of such use(s). Consult Dow AgroSciences for instructions for formulation and other information.

Storage and Disposal

Do not contaminate water, food or feed by storage or disposal.

Pesticide Storage: Store in original container only. In case of leak or spill, contain material with absorbent materials and dispose as waste.

Container Reuse: Refillable container. Refill this container with pesticide only. Do not reuse this container for any other purpose.

Cleaning the container before final disposal is the responsibility of the person disposing of the container.

Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal, empty the remaining contents from this container into application equipment or a mix tank. Fill the container about 10% full with water and, if possible, spray all sides while adding water. If practical, agitate vigorously or recirculate water with the pump for two minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

Warranty Limitations and Disclaimer

Dow AgroSciences warrants that at the time of delivery, the product will conform to its chemical description on the label, that it will pass without objection in the trade under the contract description, that seller will convey good title thereto, and that such product will be delivered free from any lawful security interest, lien or encumbrance.

To the extent permitted by law, this is the only warranty made on this product. To the extent permitted by law, Dow AgroSciences EXPRESSLY DISCLAIMS ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND, EXCEPT AS SET FORTH IN THE ABOVE PARAGRAPH, ANY OTHER EXPRESS OR IMPLIED WARRANTIES. To the extent permitted by law, buyer acknowledges the use of its own independent skill and expertise in the selection and use of the product and does not rely on any oral or written statements or representations.

In case of emergency endangering health or the environment involving this product, call 1-800-992-5994.

EPA Reg. No. 62719-XXX

EPA Est. _____

Dow AgroSciences LLC • Indianapolis, IN 46268 U.S.A.

Net Weight _____

EPA Accepted: __/__/__