

45639-221

2-26-1999

1/4

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

FEB 26 1999

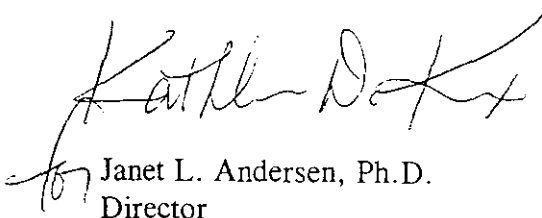
Dr. Sally Van Wert
Manager, Regulatory Affairs - Biotechnology
AgrEvo USA Company
Little Falls Centre One
2711 Centerville Road
Wilmington, DE 19808

Dear Dr. Van Wert:

Subject: Labeling Submitted with Your Letter Dated February 16, 1999
EPA Registration No. 45639-221

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 of the label is enclosed for your records.

Sincerely,



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

Enclosure

CONCURRENCES							
SYMBOL	7511C	7511E	7511X				
SURNAME	M...				
DATE	2/25/99	2/25/99	2/26				

2/4

StarLink™ CORN

StarLink™ corn produces both an insecticidal protein, Cry9C from *Bacillus thuringiensis* subsp. *tolworthi*, for protection from European corn borer and Southwestern corn borer, suppression of black cut worm and common stalk borer, and a herbicide resistance protein, phosphinothricin acetyltransferase (PAT). PAT provides protection from the Liberty® herbicide (EPA Registration Number 45639-199), a selective herbicide that has glufosinate-ammonium as its active ingredient.

StarLink™ corn are descended from corn plants transformed with vectors pRVA9909 and pDE110.

KEEP OUT OF REACH OF CHILDREN CAUTION

Active Ingredient: *Bacillus thuringiensis* subsp. *tolworthi* Cry9C protein and the genetic material necessary for its production in corn0.9-4.7%^{†*}

Inert Ingredients: Substance produced by a marker gene and its controlling sequences in corn.....0.2-1.6%[†]

[†] The percentages list the ingredient as a percent of the total plant protein on a dry weight basis.

* US Patents pending.

EPA Registration No. 45639-221

EPA Establishment Number: 070218-BEL-001

ACCEPTED
FEB 26 1999
45639-221
2/26/99

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Keep out of lakes, ponds or streams. Do not contaminate water by cleaning of equipment or disposal of wastes. All field corn containing the plant-pesticide that is sold or distributed by AgrEvo USA Company or a cooperator or licensee of AgrEvo, must be accompanied by informational material that contains the following:

StarLink™ corn contain a *Bacillus thuringiensis* subsp. *tolworthi* insecticidal protein, Cry9C and may only be used according to the instructions below for the control of the following insects:

European corn borer
Southwestern corn borer

Ostrinia nubilalis (Huber)
Diatraea grandiosella (Dyar)

3/4

StarLink™ corn contain a *Bacillus thuringiensis* subsp. *tolworthi* insecticidal protein, Cry9C and may only be used according to the instructions below for the suppression of the following insects:

Black cut worm	<i>Agrotis ipsion</i> (Hufnagel)
Common stalk borer	<i>Papaipema nebris</i> (Guen.)

Do not use this corn until you have read the Bag Tag and the Grower's Guide.

Insect Resistant Management: To protect this important technology, a structured non-Bt corn refuge must be planted in close proximity (1500-2000 feet) to your StarLink™ corn fields. Specifically, a refuge of non-Bt corn equal to at least 20 -30% of the total corn acres must be left unsprayed for insect control. If foliar sprays are applied for insect control then at least 40% of the total corn acres must be planted to non-Bt corn. Any insecticide treatment cannot include sprayable Bt products.

Seed Production Uses: Seeds expressing the Cry9C protein should be planted at a maximum of 40,000 per acre on the site. Harvested seeds may be stored until a registration is granted for full commercial use. Any seeds, plants or plant materials in the StarLink™ plot, or within 660 feet of the plot, not used for seed production should be destroyed or can be used for animal feed or industrial (ethanol) purposes. None of the seeds, plants or plant materials in the StarLink™ plot, or within 660 feet of the plot, may be used for food uses or may enter international commerce.

Feed or Industrial Uses: Seeds expressing the Cry9C protein should be planted at a maximum of 40,000 per acre on the site. Any seeds, plants or plant materials in the StarLink™ plot, or within 660 feet of the plot, not used for seed production (see above) should be destroyed or can be used for animal feed or industrial (ethanol) purposes. None of the seeds, plants or plant materials in the StarLink™ plot, or within 660 feet of the plot, may be used for food uses or may enter international commerce.

STORAGE AND DISPOSAL

Seed Storage: Store in a cool dry place separate from conventional corn seed.

Seed and Plant Disposal: Any seeds, plants or plant materials in the StarLink™ plot, or within 660 feet of the plot, may be used for animal feed or industrial purposes or destroyed. None of the seeds, plants or plant materials in the StarLink™ plot, or within 660 feet of the plot, may be used for food uses or may enter international commerce.

Container Disposal: Do not reuse bag. Discard bag in trash. Ensure that the bag is completely empty of seed before disposal.

4/4

**For Product Inquiry Information,
Call Toll Free: 1-877-STARLINK
(1-877-782-7546)**

The registration of this pesticide product for use in field corn will automatically expire on midnight May 30, 2000. After this registration has expired, no field corn seed that contain the pesticide product may be sold or planted. However, harvesting of the corn planted prior to May 30, 2000 is permissible subject to the terms of this registration.