

4/30/97

PM 13

3125-351

M 1/5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

APR 30 1997

Ms. Julie Spagnoli
Bayer Corporation
8400 Hawthorn Road
P.O. Box 4913
Kansas City, MO 64120-0013

Dear Ms. Spagnoli:

Subject: Amended Registration to Add Use on Citrus
Amended/Supplemental Labeling for Applications to Citrus
BAYTHROID 2 - EPA Reg. No. 3125-351
Pesticide Petition No. 4F4313
Your Letter Dated April 16, 1997

The Agency accepts your amended application for amended registration to add citrus to the subject label. Therefore in accordance with FIFRA Section 3(c)(7)(b)(c), the conditional registration of the subject product is issued for a period not to exceed November 15, 1997 to be consistent with the terms and conditions of the registration on cotton and other crops (see our letters dated May 15, 1995, July 24 1996, and November 15, 1996).

We note you agree to the following specific conditions:

a. You understand that this registration will expire on November 15, 1997. You understand also that it is EPA's intent to, by November 15, 1997 or sooner, complete its review of all relevant data and other information, and to make FIFRA 3(c)(5) or other appropriate regulatory decisions for cotton and other crop use of synthetic pyrethroids based on EPA's review of such data/information and the statutory and regulatory criteria for such decision.

b. Bayer Corporation will submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on citrus is conditionally registered in accordance with FIFRA Section 29. The fiscal year begins October 1, and ends September 30. The information is to be submitted to:

CONCURRENCES							
SYMBOL							
SURNAME	SAW						
DATE	4/30/97						

Page Two
EPA Reg. No. 3125-351
RE: April 16, 1997 Letter

Registration Support Branch
Registration Division (7505W)
Environmental Protection Agency
401 M Street, SW
Washington, DC 20460

c. You agree to the terms and conditions for data generation as stipulated in the Agency's November 1993 letter regarding use of Baythroid 2 on cotton.

d. You agree that the current synthetic pyrethroid mitigation measures are interim in nature and may be reconsidered and/or modified after review and evaluation of the Spray Drift Task Force data.

e. You agree to submit new ruminant feeding study data in where residues of cis- and trans- DCVA and parent cyfluthrin are reported. A date for the submission of these data will be provided to the Agency as soon as possible.

The amended labeling which specifies use directions for citrus is acceptable provided that you add/revise certain spray precaution statements as indicated below prior to release for shipment of product.

a. Add "Use the largest droplet size consistent with pest control. Formation of very small droplets may be minimized by appropriate nozzle selection, by orienting nozzles away from the air stream as much as possible and by avoiding excessive spray boom pressure."

b. Add the following wind speed statement: "Do not apply within 110 feet upwind of aquatic areas (as described above)."

c. Revise the present statement beginning "Make application when wind velocity xxx, etc" with "Make applications when wind velocity favors on-target deposition (approximately 3 to 8 mph). Do not apply when wind velocity exceeds 8 mph. Avoid applications when wind gusts approach 8 mph."

Page Three
EPA Reg. No. 3125-351
RE: April 16, 1997 Letter

d. Add the following paragraph:

"Spray last three rows windward of aquatic areas using nozzles on one side only, with spray directed away from aquatic areas. Avoid spray going over tops of trees by adjusting or turning off top nozzles. Shut off nozzles on the side away from the grove/orchard when spraying the outside row. Shut off nozzles when turning at ends of row and passing tree gaps in the rows."

A copy of the supplemental labeling is enclosed for your records. Submit three copies of the complete labeling for our records.

Sincerely,

George T. LaRocca
Product Manager (13)
Insecticide-Rodenticide Branch
Registration Division (7505C)

Enclosure

475

351-8444.YLD

Base Pre-Reg (8444)

U. S. LABEL

Reason to Issue: To add use on citrus.
02/03/95 Draft: To revise in accordance
with EPA comments.

Date of Pre-Reg Draft: 02/03/95(S)
Supersedes Pre-Reg Draft Dated: 11/23/93

RESTRICTED USE PESTICIDE

Due to Toxicity to Fish and Aquatic Organisms

For retail sale to and use only by Certified Applicators or persons under their direct supervision and only for those uses covered by the Certified Applicator's certification.

BAYTHROID[®] 2

Emulsifiable Pyrethroid Insecticide

EPA Reg. No. 3125-351

ACTIVE INGREDIENT:

Cyano(4-fluoro-3-phenoxyphenyl)methyl 3-(2,2-dichloroethenyl)-2,2-dimethyl-
cyclopropanecarboxylate

25%

INERT INGREDIENTS

75%

100%

AMENDMENT

To Previously Registered Labeling:

MILES 

ACCEPTED
with COMMENTS
in EPA Letter Dated

APR 30 1997

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

3125-351

BAYTHROID 2 Emulsifiable

RECOMMENDED APPLICATIONS				
CROP	PEST	DOSAGE BAYTHROID 2		REMARKS
		LBS AI/ACRE	FL OZ/ACRE	
Citrus CALIFORNIA AND ARIZONA ONLY	Citrus thrips	0.1	6.4	Apply specified dosage per acre by ground equipment only, in sufficient water for complete coverage of foliage in dilute or concentrate sprays but not less than 25 gallons per acre for concentrate sprays. A single application may be made per crop season. Application soon after pollination is most effective in preventing thrips scarring. Applications may be made up to the day of harvest.

NOTE: All application equipment must be properly maintained and calibrated using appropriate carriers. **OBSERVE THE FOLLOWING PRECAUTIONS WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS SUCH AS LAKES; RESERVOIRS; RIVERS, PERMANENT STREAMS, MARSHES OR NATURAL PONDS; ESTUARIES AND COMMERCIAL FISH FARM PONDS.**

Do not apply within 25 feet of lakes; reservoirs; rivers; permanent streams, marshes or natural ponds; estuaries and commercial fish farm ponds.

Make applications when wind velocity favors on-target product deposition (approximately 3 to 10 mph). Do not apply when wind velocity exceeds 15 mph. Avoid applications when wind gusts approach 15 mph.

Risk of exposure to sensitive aquatic areas can be reduced by avoiding applications when wind direction is toward the aquatic area.

Do not cultivate within 10 feet of the aquatic area as to allow growth of a vegetative filter strip.

Low humidity and high temperatures increase the evaporation rate of spray droplets and therefore the likelihood of spray drift to aquatic areas. Avoid spraying during conditions of low humidity and/or high temperature.

Do not make applications during temperature inversions. Inversions are characterized by stable air and increasing temperatures with height above the ground. Mist or fog may indicate the presence of an inversion in humid areas. The applicator may detect the presence of an inversion by producing smoke and observing a smoke layer near the ground surface.

Miles, Inc.
Crop Protection Products
Box 4913, Kansas City, Mo 64120-0013