

MAY 06 1996

John S. Thornton  
Bayer Corporation  
8400 Hawthorn Road  
P.O. Box 4913  
Kansas City, Mo 64120-0013

Dear Mr. Thornton:

Subject: Conditional Amendment for Pome Fruits  
Admire 2 Flowable  
EPA Registration No. 3125-422  
Your Submission of October 31, 1995

The Agency is conditionally approving an amendment to the registration of the above-referenced product under the authority of section 3(c)(7)(b) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA). To maintain your registration you must:

1. Submit small scale prospective groundwater monitoring studies for potatoes and broccoli. The Agency is reserving the right to request additional ground water studies for these uses at this time. Monitoring must continue for at least two full years. Information, coordination and reports are due to the Agency according to the schedule listed below:
  - a) June 1, 1995 - Site Approval  
Discussion\* with EPA personnel.
  - b) July 15, 1995 - Ground water protocols to be submitted  
(site specific).
  - c) August 1995 - Discussion\* with EPA personnel.
  - d) September 30, 1995 - Site instrumentation must be  
submitted.
  - e) Spring 1996 - Application of test material. Ground  
water monitoring to commence.

\* Discussions can take the form of conference calls or meeting where needed.

- f) Spring 1998 - Submit request to terminate study. Monitoring must continue until EPA grants permission to terminate.
- g) Once the monitoring studies have started quarterly progress reports must be submitted to the Agency.
- h) Final reports must be submitted within 6 months of agreement to terminate the ground water studies.

2. You will submit production information (pounds or gallons produced) for this product for the fiscal year in which the use on crabapples, loquats, mayhaws and pears (oriental quince) are conditionally registered, in accordance with FIFRA section 29. The fiscal year begins October 1 and ends September 30. The production information will be submitted to the Agency on later than November 15, following the end of the preceding fiscal year.

3. Submit two (2) copies of your final printed labeling before you release the product for shipment.

You should note that if you fail to satisfy any of the conditions imposed on this registration, e.g., you fail to submit the required data by the specified deadlines or the data submitted were not generated in accordance with the applicable test guidelines, EPA may issue a Notice to cancel this amendment under section 6(e) of FIFRA.

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

Sincerely yours,



Dennis H. Edwards, Jr.  
Product Manager (19)  
Insecticide Rodenticide Branch  
Registration Division (7505C)

Enclosure

# ADMIRE 2 Flowable

422-8669.YLD

U. S. LABEL

Base Pre-Reg (8669)

3 of 4

Reason to Issue: To propose new registered use on pears. 09/15/95 Draft: To revise based on internal comments. 10/31/95 Draft: To correct rate.

Date of Draft: 10/31/95(Pre-Reg)(C)  
Supersedes Pre-Reg Draft Dated: 03/13/95 and 09/15/95

## ADMIRE 2 Flowable Systemic Insecticide

FOR CONTROL OF CERTAIN INSECTS INFESTING PEARS

ACTIVE INGREDIENT:

Imidacloprid, 1-[(6-Chloro-3-pyridinyl)methyl]

-N-nitro-2-imidazolidinimine ..... 21.4%

INERT INGREDIENTS ..... 78.6%

100.0%

Contains 2 pounds of imidacloprid per gallon

EPA Reg. No. 3125-422

Net Contents: \_\_\_\_\_ Gallons

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

MAY 06 1996

### AMENDMENT

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

3125-422

TO PREVIOUSLY REGISTERED LABELING

STOP - Read The Label Before Use

KEEP OUT OF THE REACH OF CHILDREN

# ADMIRE 2 Flowable RECOMMENDED APPLICATIONS

CROP	PEST	FL OZ PER 100 GAL	FL OZ PER ACRE <sup>1</sup>	REMARKS
Apple Crabapple Loquat Mayhaw Pear (oriental) Quince	Prebloom Applications: Aphids (except Wooly apple aphid) Leafminer	1.6	6.4	Apply specified dosage prebloom as a dilute or concentrate foliar spray as needed.  Thorough uniform coverage of foliage is necessary for optimal control.  For leafminer control, a second application at petalfall is required for full control.
	Postbloom Applications: Aphids (except Wooly apple aphid) Leafminer	1.6	6.4	Apply specified dosage as a dilute or concentrate foliar spray as needed after pollination is complete.  For first generation leafminer control, make first application as soon as pollination is complete and bees are removed from the orchard. Greatest leafminer control will result from the earliest possible application.  For second and succeeding generations of leafminer, optimal control is obtained from applications made early in the adult flight against egg and early instar larvae. A second application may be required 10 days later if severe pressure continues or if generations are overlapping. A single application may result in suppression only. ADMIRE will not control late stage larvae.
	Postbloom Applications: Leafhoppers	0.8 to 1.6	3.2 to 6.4	Apply low rate for low to moderate populations of white apple leafhoppers and high rate for high populations or for other leafhopper species. For late season (preharvest) control of leafhopper species, apply ADMIRE while most leafhoppers are in the nymphal stage.  Do not apply more than <del>8.6</del> 6.4 fluid ounces per acre in a single application.
Pear	Postbloom Applications: Pear psylla Mealybug Aphid	4.0	16	Apply specified dosage as a dilute or concentrate foliar spray as needed after pollination is complete.  For optimal control of mealybug use maximum gallonage for tree size applied with ground application equipment. Insure good spray coverage of the trunk and scaffolding limbs or other resting sites of the mealybug.  Do not apply more than <del>20.32</del> 16 fluid ounces per acre in a single application.

<sup>1</sup>The amount of ADMIRE required per acre will depend on tree size and volume of foliage present. The rate per acre is based on a standard of 400 gallons of dilute spray solution per acre for large trees. For example, to calculate the rate for aphid control on smaller trees, multiply 2 fluid ounces times the number of 100 gallons of spray solution required to thoroughly wet, just prior to the point of runoff, one acre of the trees being treated. For concentrate sprays, apply the same amount of product per acre as would be applied in a dilute spray based on tree size and foliage volume.

Allow 10 or more days between applications.

Allow at least 7 days between last application and harvest.

Aerial application of ADMIRE may result in slower activity and reduced control relative to results from ground application.

Do not apply during bloom or when bees are present in the orchard.

Do not apply more than a total of ~~40.32~~ 32 fluid ounces per acre per year.

Bayer Corporation  
Crop Protection Products  
Box 4913, Kansas City, MO 64120-0013

