



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

Kaila Rex
Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660

JUN 15 2006

SUBJECT: Label Amendment Resubmission
Amid Thin W
EPA Reg. No. 5481-426
Your Submission Dated January 11, 2006

Dear Ms. Rex:

The labeling for the abovementioned submission, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable with the following changes. A stamped copy is enclosed for your records. Submit one copy of your final printed labeling which incorporates the changes below, before you release the product for shipment.

1. On page 3 the table is missing a heading section. Insert "amount of Amid Thin W to use in fluid ounces and pounds". Keep the "(gallons of spray per acre)".
2. Make the change in number 1 above to all table headings so they are identical.

Sincerely,

A handwritten signature in black ink that reads "Tony Kist".

Tony Kist
Product Manager (22)
Fungicide Branch
Registration Division (7505P)

Enclosure

276

ACCEPTED
with COMMENTS
In EPA Letter Dated

JUN 15 2008

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the pesticide
registered under EPA Reg. No.
5481-426

Amid-Thin® W

For Thinning Apples and Pears

ACTIVE INGREDIENT:

I-Naphthaleneacetamide..... 8.4%

INERT INGREDIENTS:..... 91.6%

TOTAL: 100.0%

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID	
If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled	<ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible. • Call a poison control center or doctor for further treatment advice.
EMERGENCY INFORMATION	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR THE FOLLOWING EMERGENCIES, PHONE 24 HOURS A DAY:	
Transportation: CHEMTREC.....	1-800-424-9300
Other: AMVAC.....	1-323-264-3910

SEE SIDE/BACK PANEL FOR ADDITIONAL PRECAUTIONARY STATEMENTS AND DIRECTIONS FOR USE.

EPA Reg. No. 5481-426
EPA Est. No. 5481-CA-1

Net Weight:
As Marked on Container



Los Angeles, CA 90023 U.S.A
1-323-264-3910 • www.amvac-chemical.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if swallowed. Avoid contact with skin, eyes and clothing. Avoid breathing spray mist.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

User Safety Recommendations

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwaters. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes. Do not apply when weather conditions favor drift from treated area. Do not use in a greenhouse.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply Amid-Thin[®] W through any type of irrigation system. Amid-Thin[®] W contains 1-Naphthaleneacetamide and is used to thin many varieties of apples and pears as a petal fall spray.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions, and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. These requirements only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls
- Chemical-resistant gloves made of any waterproof material
- Shoes plus socks

DIRECTIONS FOR MIXING

Prepare sufficient spray mixture to ensure thorough coverage of trees. When using Amid-Thin[®] W fill the tank with water and then add Amid-Thin[®] W with agitation running and keep under constant agitation during spray operations. To ensure proper

mixing of Amid-Thin® W allow a few minutes of agitation after material has been added to water before beginning spraying operation.

DIRECTIONS FOR THINNING APPLES

Many factors affect fruit set including; tree vigor, provisions for cross-pollination, weather conditions and bee activity. Other important considerations are last year's fruit set level and current year's food reserve status which is affected by crop load and foliage vigor in the preceding year. Weather conditions, amount of bloom and other factors that make for good set will vary in different localities. Contact your local Extension Pomologist as to time of application and rates to be used for your specific thinning problems. Limit the use of the higher concentrations given in the tables below to vigorous trees having ample provisions for pollination and good fruit set. Use the lower concentration on weaker, less vigorous trees with less food reserves. One of the outstanding advantages of Amid-Thin® W from the standpoint of over-thinning is its wide range of safety at the concentrations suggested. It is important that early Summer varieties are sprayed no later than petal fall since applications two to three weeks later often give insufficient thinning and may result in the development of inferior pygmy fruit.

APPLE THINNING TABLE	
This table is offered only as a guide.	
Application at Petal Fall in Normal Years¹	ppm to use
Yellow Transparent, William Early Red, Olenburg (Dutchess), Red Astrachan	25-40 ppm
Red Delicious	45-50 ppm
Yellow Newton	40-50 ppm
Application at 2 to 2-1/2 weeks after Full Bloom^{2,3}	ppm to use
Early McIntosh, Wealthy, Golden Delicious, Baldwin, Rome Beauty, Jonathan, Stayman	45-50 ppm
Grimes Golden, Cravenstein, York	40-50 ppm
Conland, Macoun, Northern Spy	40 ppm
Rhode Island Greening	25-40 ppm

¹Petal Fall: Approximately 90% to 95% of petals off.

²Full Bloom: 90% of the blossoms open with petals beginning to fall from the long flower.

³Spraying could be delayed up to 3 weeks for the 2 to 2-1/2 weeks after full bloom varieties if unusually cool weather has retarded growth.

Apple Thinning

(The tables below are offered only as a guide)

Application at Petal Fall in Normal Years ¹	Rate (ppm of a.i.)	Amount of Amid Thin to Use per Gallons			
		100 gallons	150 gallons	300 gallons	400 gallons
Yellow Transparent, William Early Red, Olenburg (Dutchess), Red Astrachan	25-40 ppm	0.25 - 0.40 lb (4.0 - 6.4 oz)	0.38 - 0.60 lb (6.1 - 9.6 oz)	0.75 - 1.20 lb (12.0 - 19.2 oz)	1.00 - 1.60 lb (16.0 - 25.6 oz)
Red Delicious	45-50 ppm	0.15 - 0.50 lb (2.4 - 8.0 oz)	0.23 - 0.75 lb (3.7 - 12.0 oz)	0.45 - 1.50 lb (7.2 - 24.0 oz)	0.60 - 2.00 lb (9.6 - 32.0 oz)
Yellow Newton	40-50 ppm	0.40 - 0.50 lb (6.4 - 8.0 oz)	0.60 - 0.75 lb (9.6 - 12.0 oz)	1.20 - 1.50 lb (19.2 - 24.0 oz)	1.60 - 2.00 lb (25.6 - 32.0 oz)

¹Petal Fall: Approximately 90% of petals off.

Application at 2 to 2.1/2 weeks after Full Bloom ^{2,3}	Rate (ppm of a.i.)	Amount of Amid Thin to Use per Gallons & Pounds (gallons of spray per acre)			
		100 gallons	150 gallons	300 gallons	400 gallons
Early McIntosh, Wealthy, Golden Delicious, Baldwin, Rome Beauty, Jonathan, Stayman	45-50 ppm	0.15 - 0.50 lb (2.4 - 8.0 oz)	0.23 - 0.75 lb (3.7 - 12.0 oz)	0.45 - 1.50 lb (7.2 - 24.0 oz)	0.60 - 2.00 lb (9.6 - 32.0 oz)

Grimes Golden, Gravenstein, York	40-50 ppm	0.40 - 0.50 lb (6.4 - 8.0 oz)	0.60 - 0.75 lb (9.6 - 12.0 oz)	1.20 - 1.50 lb (19.2 - 24.0 oz)	1.60 - 2.00 lb (25.6 - 32.0 oz)
Cortland, Macoun, Northern Spy	40 ppm	0.40 lb (6.4 oz)	0.60 lb (9.6 oz)	1.20 lb (19.2 oz)	1.60 lb (25.6 oz)
Rhode Island Greening	25-40 ppm	0.25 - 0.40 lb (4.0 - 6.4 oz)	0.38 - 0.60 lb (6.1 - 9.6 oz)	0.75 - 1.20 lb (12.0 - 19.2 oz)	1.00 - 1.60 lb (16.0 - 25.6 oz)

² Full Bloom: 90% of the blossoms open with petals beginning to fall from the king flower.

³ Spraying could be delayed up to 3 weeks for the 2 to 2-1/2 weeks after full bloom varieties if unusually cool weather has slowed growth.

IMPORTANT: Do not apply Amid-Thin[®] W to Red Delicious apples grown in the Pacific Northwest as pygmy fruit may develop. Fruitone[®] N is labeled for use on Red Delicious apples.

DIRECTIONS FOR THINNING BARTLETT & BOSCH PEARS

Spray Amid-Thin[®] W at a rate of 10 to 50 ppm at petal fall or within 5 to 7 days after petal fall. Use up to 400 gallons of spray solution per acre (~~2 lbs per acre Amid-Thin[®] W~~). Applying Amid-Thin[®] W in this manner reduces the time and hand labor required for supplement thinning of pears to the desired level.

Application at 2 to 2.1/2 weeks after Full Bloom	Rate (ppm of a.i.)	Amount of Amid-Thin [®] W to Use in Ounces & Pounds Amt. Amid-Thin [®] W (gallons of spray/acre)				
		75 gallons	100 gallons	150 gallons	300 gallons	400 gallons
Bartlett & Bosc Pears	10	0.08 lb (1.2 oz)	0.10 lb (1.6 oz)	0.15 lb (2.4 oz)	0.30 lb (4.8 oz)	0.40 lb (6.4 oz)
	15	0.11 lb (1.8 oz)	0.15 lb (2.4 oz)	0.23 lb (3.7 oz)	0.45 lb (7.2 oz)	0.60 lb (9.6 oz)
	25	0.19 lb (3.0 oz)	0.25 lb (4.0 oz)	0.38 lb (6.1 oz)	0.75 lb (12.0 oz)	1.00 lb (16.0 oz)
	40	0.30 lb (4.8 oz)	0.40 lb (6.4 oz)	0.60 lb (9.6 oz)	1.20 lbs (19.2 oz)	1.60 lb (25.6 oz)
	50	0.38 lb (6.1 oz)	0.50 lb (8.0 oz)	0.75 lb (12.0 oz)	1.50 lbs (24.0 oz)	2.00 lb (32.0 oz)

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Do not store near fertilizers, seeds, insecticides or fungicides.
PESTICIDE DISPOSAL: Open dumping is prohibited. Wastes resulting from the use of this product ~~must~~ must be disposed of according to use directions ~~or~~ or at an approved wastes disposal facility.
CONTAINER DISPOSAL: Do not reuse empty container. Completely empty liner by shaking and tapping sides and bottom to loosen clinging particles. Empty residues into application equipment. Then dispose of liner in a sanitary landfill or by incineration if allowed by State and local authorities. If drum is contaminated and cannot be reused, dispose of it in the same manner.

LIMITED WARRANTY AND DISCLAIMER

The manufacturer warrants (a) that this product conforms to the chemical description on the label; (b) that this product is reasonably fit for the purposes set forth in the directions for use, subject to the inherent risks referred to herein, when it is used in accordance with such directions; and (c) that the directions, warnings, and other statements on this label are based upon responsible experts' evaluations of reasonable tests of effectiveness, of toxicity to laboratory animals and to plants and residues on food crops, and upon reports of field experience. Tests have not been made on all varieties of food crops and plants, or in all states or under all conditions.

THERE ARE NO EXPRESS WARRANTIES OTHER THAN THOSE SET FORTH HEREIN. THE MANUFACTURER NEITHER MAKES NOR INTENDS, NOR DOES IT AUTHORIZE ANY AGENT OR REPRESENTATIVE, TO MAKE ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, AND IT EXPRESSLY EXCLUDES AND DISCLAIMS ALL IMPLIED WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE, OR ANY WARRANTY OF QUALITY OR PERFORMANCE. THIS WARRANTY DOES NOT EXTEND TO, AND THE BUYER SHALL BE SOLELY RESPONSIBLE FOR, ANY AND ALL LOSS OR DAMAGE WHICH RESULTS FROM THE USE OF THIS PRODUCT IN ANY MANNER WHICH IS INCONSISTENT WITH THE LABEL DIRECTIONS, WARNINGS OR CAUTIONS.

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AMVAC offers this product, and Buyer accepts it, subject to the foregoing Limited Warranty which may be varied only by agreement in writing signed by an authorized representative of AMVAC.

Amid-Thin® W is a registered trademark of Amvac Chemical Corporation.

Fruitone® N is a registered trademark of Amvac Chemical Corporation

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