



For Thinning Apples and Pears

Active Ingredient:

1-Naphthaleneacetamide	8.4%
Inert Ingredients:	91.6%
Total	100.0%

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

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

**SEE BELOW FOR ADDITIONAL PRECAUTIONARY
STATEMENTS AND DIRECTIONS FOR USE.**

FIRST AID	
If on skin or clothing:	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 inhaled:	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.
If in eyes:	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 swallowed:	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.

(continued)

FIRST AID (continued)
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:
 For Medical Emergencies phone: . . . 800-892-0099
 For Transportation Emergencies, including spill, leak or fire, phone:
 CHEMTREC® 800-424-9300 or 202-483-7616
For Product Use Information phone:
 VALENT. 800-682-5368

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
CAUTION: Harmful if absorbed through skin or inhaled. Avoid breathing dust. Avoid contact with skin or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are made of any waterproof material. If you want more options, follow the instructions for category A on the EPA chemical-resistance category selection chart.

- Mixers, loaders, applicators and other handlers must wear:
- Long-sleeved shirt and long pants
 - Shoes and socks, and
 - Chemical-resistant gloves

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, 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 or rinsate. 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.

For broadcast use, the maximum application rate is 0.11 pounds active ingredient per acre of NAA equivalent.

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
- Protective eyewear

SPRAY DRIFT

A variety of factors including weather conditions (e.g., wind directions, wind speed, temperature, relative humidity) and method of application (e.g.,

ground, aerial, airblast) can influence pesticide drift. The applicator and grower must evaluate all factors and make appropriate adjustments when applying this product.

Wind Speed Restrictions:

Do not apply when wind speeds are greater than 10 mph at the application site.

Orchard Airblast:

Sprays must be directed into the crop canopy.

Outward pointing nozzles should be turned off at row ends and when spraying outer rows.

For ground based applications and aerial applications, use only medium or coarser spray droplets (or nozzles) according to ASABE (S572) definition for standard nozzles.

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

(The tables below are offered only as a guide)

Application at Petal Fall in Normal Years ¹	Rate (ppm of a.i.)	Amount of <i>Amid-Thin W</i> to Use per Ounces & Pounds (gallons of spray per acre)			
		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	15 - 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 <i>Amid-Thin W</i> to Use per Ounces & Pounds (gallons of spray per acre)			
		100 gallons	150 gallons	300 gallons	400 gallons
Early McIntosh, Wealthy, Golden Delicious, Baldwin, Rome Beauty, Jonathan, Stayman	15 - 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)

²Full Bloom: 90% of the blossoms open with petals beginning to fall from the king 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 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 & BOSCO 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. 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 <i>Amid-Thin W</i> to Use in Ounces & Pounds (gallons of spray per 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 lb (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 lb (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 be disposed of according to use directions or at an approved waste disposal facility.

CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then dispose of 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW 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.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW BUYER'S EXCLUSIVE REMEDY AND MANUFACTURER'S OR SELLER'S EXCLUSIVE LIABILITY FOR ANY AND ALL CLAIMS, LOSSES, DAMAGES, OR INJURIES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER OR NOT BASED IN CONTRACT, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHERWISE, SHALL BE LIMITED, AT THE MANUFACTURER'S OPTION, TO REPLACEMENT OF, OR THE REPAYMENT OF THE PURCHASE PRICE FOR, THE QUANTITY OF PRODUCT WITH RESPECT TO WHICH DAMAGES ARE CLAIMED. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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.

AMVAC, *Amid-Thin*, Fruitone, and the Beaker logo are registered trademarks of AMVAC Chemical Corporation. CHEMTREC is a registered trademark of the American Chemistry Council, Inc. *Products That Work, From People Who Care* is a registered trademark of Valent U.S.A. LLC.

AMVAC Chemical Corporation

4100 E. Washington Blvd.
Los Angeles, CA 90023 U.S.A.
888-462-6822
10116
20150926

Information contained in this booklet is accurate at the time of printing. Since product testing is a continuous process, please read and follow the directions on the product label for the most current directions and precautionary statements.

Always check with your state to verify state registration status or call 800-6-VALENT (682-5368).



For state registration and/or supplemental labels, please call or visit us online.

Products That Work, From People Who Care® | valent.com | 800-6-VALENT (682-5368)

Always read and follow label instructions.

©2017 Valent U.S.A. LLC. All rights reserved. Printed in the U.S.A.