

5481 - 496

06/24/2010

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U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Chemical Safety and Pollution Prevention
Office of Pesticide Programs
Registration Division (7504P)
1200 Pennsylvania Ave., N.W.
Washington, DC 20460

EPA Reg. Number:

5481-496

Date of Issuance:

JUN 24 2010

Term of Issuance:

Unconditional

Name of Pesticide Product:

Snaap-2

NOTICE OF PESTICIDE:

Registration
 Reregistration
(under FIFRA, as amended)

Name and Address of Registrant (include ZIP Code):

Mailed to:

**Amvac Chemical Corporation
4695 MacArthur Court, Suite 1250
Newport Beach, CA 92660-1706**

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Registration Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act. Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the naphthalene acetic acid Reregistration Eligibility Document(s), EPA has reregistered the product listed above provided that the following changes are made to the label that you submitted June 4, 2010:

1. In the line below the list of ingredients, correct the spelling of "naphthaleneacetic"
2. On page 4 in the second paragraph below the header **SPRAY PREPARATION** change "recommended amount" to "specified amount"

Page 1 of 2

Signature of Approving Official:

Jawanda Maignan
for

Date:

6-24-10

Tony Kish, Product Manager (22)
OCSPP/OPP/Registration Division/Fungicide Branch (7504P)

JUN 24 2010

This action is taken under the authority of section 4(g)(2)(c) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain the registration of your product. Generic data requirements that have been identified in the RED as confirmatory data for the active ingredient contained in the subject product will continue to be tracked and assessed in the Agency's continual reassessment of pesticides.

A copy of your label stamped "Accepted with Comments" is enclosed for your records. Please submit one copy of the revised final printed label for the record before the product is released for shipment. Products shipped after 12 months from the date of this Notice or the next printing of your label, which ever occurs first, must bear the new revised label.

The basic Confidential Statement of Formula (CSF) dated 10/8/2008 referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act as amended is acceptable. This CSF supersedes all CSFs previously accepted for this product.

Tony Kish
Product Manager (22)
Fungicide Branch
Registration Division (7504P)

Enclosure:

- Label stamped "Accepted with Comments"
- PRB Label Review dated 1/13/2010
- Acute Toxicity Review DP361174 dated 2/6/2009
- Product Chemistry Review DP360694 dated 6/15/2009

SNAAP-2

(Soluble Concentrate)

A plant growth regulator for thinning fruit set of apples, citrus, olives, pears
and for reducing pre-harvest drop of apples and pears.

ACTIVE INGREDIENT:

1-Naphthaleneacetic Acid, Potassium Salt* 6.25%

INERT INGREDIENTS:..... 93.75%

TOTAL: 100.00%

*Equivalent to 5.19% w/w or (0.44 lbs) 1-Naphthlaeneacetic Acid per gallon.

KEEP OUT OF REACH OF CHILDREN

CAUTION-CUIDADO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand this label, find someone to explain it to you in detail.)

FIRST AID	
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 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 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.
If swallowed:	<ul style="list-style-type: none"> Call a poison control center or doctor immediately for treatment advice. Have a 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.
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. 5481-496
EPA Est. No. 5481-CA-1

ACCEPTED
with **COMMENTS**
In EPA Letter Dated

JUN 24 2010

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

5481-496

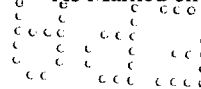


4100 E. Washington Blvd.

Los Angeles, CA 90023 U.S.A.

1-323-264-3910 • www.amvac-chemical.com

Net Weight:
As Marked on Container



PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION: Harmful if absorbed through skin. Causes moderate eye irritation. Avoid contact with eyes, skin, or clothing.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

All mixers, loaders, applicators, flaggers and other handlers must wear:

- long-sleeved shirt and long pants,
- chemical-resistant gloves, and
- shoes plus socks.

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 an EPA chemical-resistance category selection chart.

Follow manufacturer's instructions for cleaning and 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/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

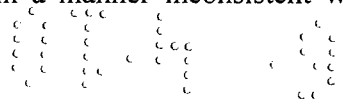
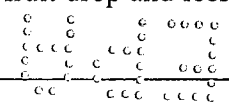
Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not contaminate irrigation ditches or water used for irrigation or domestic purposes.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

GENERAL INFORMATION

This product contains an auxin plant growth regulator for use in fruit production. When applied post-bloom to apples, pears and certain varieties of citrus and olives, it thins fruit set to provide an adequate return bloom the following season. When applied pre-harvest to apples and pears, it increases yields by reducing late-season fruit drop and losses from windfall and knockdown.

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 through any type of irrigation system. 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.

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), restricted-entry interval, and notification to workers. The requirements in this box only apply to uses 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
- Protective eyewear
- Shoes plus socks.

SPRAY DRIFT MANAGEMENT

Do not allow spray to drift from the application site and contact people, structures people occupy at any time and the associated property, parks and recreation areas, nontarget crops, aquatic and wetland areas, woodlands, pastures, rangelands, or animals.

A variety of factors including weather conditions (e.g. wind direction, wind speed, temperature, relative humidity) and method of application (e.g., aerial, airblast) can influence pesticide drift. The applicator and grower must evaluate all factor and make appropriate adjustments when applying this product.

For airblast applications, do not direct spray above trees and turn off outward pointing nozzles at row ends and outer rows. Apply only when wind speed is 3 -10 mph at the application site as measured by an anemometer outside of the orchard/vineyard on the upwind side.

For aerial applications, the boom width must not exceed 75% of the wingspan or 90% of the rotary blade. Use upwind swath displacement and apply only when wind speed is 3 -- 10 mph as measured by an anemometer. Use medium or coarser spray according to ASAE 572 definition for standard nozzles or VMD for spinning atomizer nozzles. If application includes a no-spray zone, do not release spray at a height greater than 10 feet above the ground or the crop canopy.

The applicator also must use all other measures necessary to control drift.

APPLICATION INFORMATION

Fruit tree response will vary depending on crop variety and vigor, foliage density, fruit set, application rate and timing, climatic conditions such as temperature and humidity, and coverage. See crop listings below for more specifics.

For broadcast use, the maximum application rate is 0.11 pound active ingredient (or liquid amount of formulation) per acre of NAA equivalent for all uses, except olive trees which may use up to 0.33 pound active ingredient per acre of NAA equivalent.

The maximum application rate per year or crop cycle is not to exceed 0.33 pound active ingredient (or liquid amount of formulation) per acre of NAA equivalent.

The minimum interval between applications is to be no less than 5 days.

For fruit thinning applications in the Spring: Higher rates are recommended for vigorous trees with high fruit set potential and/or relatively cool, high humidity weather conditions. Lower rates are recommended for trees of low vigor and fruit set potential and/or under relatively hot, low humidity weather conditions.

For control of pre-harvest fruit drop of apples and pears: While higher rates are recommended when foliage density is high and fruit sets are heavy, lower rates are suggested for average density foliage and fruit sets.

Adequate spray volumes and uniform, thorough crop coverage are necessary for product performance. Consult your local extension horticulturalist or pomologist for additional information about application rates and timing for your specific variety and location.

SPRAY PREPARATION

Before preparing spray solutions, clean and properly calibrate application equipment. If spray equipment is contaminated or improperly calibrated, product performance may be diminished and/or crop injury may result.

Fill the mix/spray tank about 2/3 full of water, and with agitator running, slowly add the recommended amount of product. Then add surfactant (wetting agent) and/or tank mix partners as described in the next section (below). Finish filling the mix/spray tank with water and continue agitation until thoroughly mixed.

COMPATIBILITY AND TANK MIXTURES

Surfactants (wetting agents) may be used with this product according to their manufacturer's recommendations but at no more than 1 pint surfactant per 100 gallons of finished spray. This product may also be mixed with many fungicides and insecticides, when prepared according to product label rates, use directions and precautions. However, tank mixtures should be jar-tested for compatibility before field mixing. Also, any tank mixture should be field-tested on a small scale to assess product performance and potential crop injury before large-scale field use. Do not tank mix this product with any other product whose label specifically prohibits such tank mixes. Do not apply any tank mixtures unless previous experience indicates that the mixture is compatible and doesn't result in loss of performance or cause crop damage.

USE RELATED INFORMATION

CHEMICAL THINNING

Because of differences in varieties, climatic factors, tree vigor and fruit set, the application rate for thinning can range from 2 to 20 ppm and application timing can range from petal fall to 30 days after full bloom (2.4 fl. oz. SNAAP-2 in 100 gallons of water will make 10 ppm spray). The higher concentrations should be limited to vigorous trees with high fruit set potential. Use the lower concentrations for weaker, less vigorous trees and less food reserves and lower fruit set potential. Use 2 to 5 ppm when a surfactant (wetting agent) is added. Use surfactant according to manufacturer's recommendations, but not more than 1 pint per 100 gallons of spray. Mid-season to late blooming varieties such as Red Delicious, Golden Delicious, Fuji, Gala, Granny Smith and Romes should be treated 5 to 21 days after full bloom depending on locality and other factors. For concentrate spray, use SNAAP-2 at the rate of 2.0 fl. oz. to 4.0 fl. oz. per acre. Application in sufficient water for uniform and even distribution is imperative.

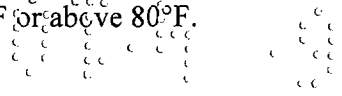
Thinning sprays are most effective when the king apple fruitlets are between 5 to 10 mm in diameter. During cool springs, delay application as necessary until the largest fruits are 7 to 10 mm in diameter and forecasted daytime temperatures are likely to rise above 60°F within the next five days. The preferred application temperature is between 70°F and 75°F. Applications are not recommended below 60°F or above 80°F. When daytime temperatures exceed 85°F over thinning may occur. Good thinning can be obtained under the latter conditions with lower rates of chemicals.

Tank mix combinations of SNAAP-2 and Carbaryl (e.g. Sevin® 4F and Sevin® XLR Plus) have successfully thinned several early-maturing, heavy-setting varieties as well as hard-to-thin apple varieties in accordance with the most restrictive of label limitations and precautions. Also a petal fall application of SNAAP-2 followed 7 to 10 days later by an application of SNAAP-2 + Carbaryl has improved thinning on hard-to-thin varieties such as Golden Delicious, Fuji, Gala, and Rhode Island Greening. No label dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibiting against such mixing.

Important: SNAAP-2 should not be used on early season varieties (those that ripen before McIntosh) such as Yellow Transparent, Early Williams Red or Oldenburg since severe injury or over thinning may occur.

BARTLETT, BOSCH AND COMICE PEARS

Apply SNAAP-2 at a spray concentration of between 10 to 15 ppm for dilute spray in up to 400 gallons of water per acre or at a rate of 8 to 12 fl. oz. of product (13 grams to 19 grams of active ingredient) per acre for concentrated spray (2.4 fl. oz. of SNAAP-2 in 100 gallons makes 10 ppm of spray solution). Apply SNAAP-2 once per year 15 to 28 days after full bloom with a surfactant (wetting agent). Apply in sufficient water for good, uniform and even distribution of the spray. SNAAP-2 may not adequately thin Bartlett pears in some seasons. The preferred application temperature is between 70°F and 75°F. Application is not recommended below 60°F or above 80°F.



OLIVES

Timing is critical. Spray when young fruits are 1/8 to 3/16 inch in diameter, or 12 to 18 days after full bloom. Thinning is effective on all varieties except Sevillano. Do not apply during bloom unless you wish to remove all your fruit. Apply a solution of 120 ppm by adding 28.8 fl. oz. of SNAAP-2 and a wetting agent (i.e. Drest 14 to 16 oz.) to 100 gallons of water 12 days after full bloom. The spray concentration should be adjusted upward by 10 ppm for each day following full bloom during the thinning period. Severe over thinning may result from application to trees during hot and dry conditions.

ORANGES, TANGERINES (MANDARINE), TANGELOS AND TANGORS

Spray at the rate of 100 to 500 ppm (24 fl. oz. per 100 gallons water equals 100 ppm). The degree of thinning obtained with SNAAP-2 is highly variable and temperature related. Severe over thinning may result from application to trees during hot arid conditions. Do not apply to "non-thrifty" trees. The grower must determine a suitable concentration and time of application for his cultivars and location.

Concentrations in the 100 to 150 ppm ranges should be tried and applications made when the fruits are in an early stage of development (5-20 mm in diameter) and near the normal period of "June drop" (in Florida the period of natural drop occurs in May). Higher thinning activity should be expected during hot weather. Therefore lower concentrations should be used during hot weather (85°F to 95°F). The effectiveness of SNAAP-2 diminishes rapidly below 85°F. The entire fruiting area of the tree should receive a thorough coverage of the spray solution. Do not apply more than one (1) application per year. Do not use on varieties where both young and fruits close to maturity are present on trees. Do not apply within 150 days of harvest.

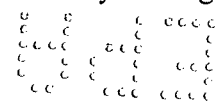
CONTROL OF PRE-HARVEST FRUIT DROP

APPLES

Apply to apples 7 to 14 days prior to harvest. Separate sprays should be applied to early and late maturing varieties. Do not make more than two applications and do not delay picking beyond optimum maturity. Do not spray within two days of harvest. SNAAP-2 becomes effective in 3 to 4 days after application and controls drop for two weeks.

Ground Application: Use 16 to 32 fl. oz. of SNAAP-2 (25 grams to 50 grams of active ingredient) per acre in sufficient water to ensure good coverage. Under normal conditions the 32 fl. oz. rate per acre should be used.

Aerial Application: Use 16 to 32 fl. oz. in at least 5 gallons of water per acre. Aircraft should utilize spray equipment which gives thorough coverage to all portions of the trees. Apply only when weather conditions favor minimal spray drift. Use lower rates for normal foliage and fruiting, and higher rates for dense foliage and heavy fruiting.. Do not apply within 2 days of harvest.



BARTLETT, BOSCH AND D'ANJOU PEARS

Apply to pears 5 to 7 days prior to harvest. Separate sprays should be applied to early and late maturing varieties. Do not make more than two applications and do not delay picking beyond optimum maturity. SNAAP-2 becomes effective in 3 to 4 days after application and controls drop for two weeks. Do not apply within two days of harvest.

Ground Application: Use 8 to 16 fl. oz. of SNAAP-2 (12.5 grams to 25 grams of active ingredient) per acre in sufficient water to ensure good coverage. Under normal conditions the 16 fl. oz. rate per acre should be used. When Bartlett and Bosc are interplanted, spray only once per season. Use a maximum of 16 fl. oz. of product per acre per season on Bartlett to prevent premature ripening.

Aerial Application: Use 8 to 16 fl. oz. in at least 5 gallons of water per acre. Aircraft should utilize spray equipment which gives thorough coverage to all portions of the trees. Apply only when weather conditions favor minimal spray drift. Use lower rates for normal foliage and fruiting; the higher rates for dense foliage and heavy fruiting. Do not apply within 2 days of harvest.

PRESERVING ORNAMENTAL HOLLY BOUGHS

To delay leaf drop of Holly boughs, make a "dip solution" containing 8 to 16 fl. oz. in 100 gallons of water (equals 33-66 ppm). Dip holly boughs as soon as possible after cutting. Allow excess solution to drain. Do not soak or leave boughs in dip solution. Replenish dip solution as needed. However, to maintain concentration replace with fresh solution every 3 to 4 days. Package while moist to keep boughs fresh until used. Maintain 34°F to 40°F temperature in bough storage areas.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.
PESTICIDE STORAGE: Store product in original container in a cool, dry place at temperatures above 40°F and protected from exposure to direct sunlight. Do not allow product to freeze.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.
CONTAINER DISPOSAL: Nonrefillable container. Do not reuse or refill this container. Triple rinse container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ 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.
Puncture rinsed container before disposing. Offer for recycling, if available. Otherwise, dispose of in a municipal landfill or, if allowed by state and local laws, by burning. If burned, stay out of smoke.

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.

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. IN NO EVENT, SHALL MANUFACTURER OR SELLER BE LIABLE FOR SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

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