

**FRUITONE<sup>®</sup> N**

Plant Growth Regulator for Thinning and to Control Pre-Harvest Drop of Apples. Also for Thinning Ornamental Crabapples.

**COMMERCIAL  
SOLID**

**KEEP OUT OF REACH OF CHILDREN**

*READ LABEL BEFORE USING*

**REGISTRATION NO. 14630 PEST CONTROL PRODUCTS ACT**

**GUARANTEE:** 1-Naphthaleneacetic Acid (present as Sodium Salt) .....3.1%

**NET CONTENTS: 567 g**

AMVAC Chemical Corporation,  
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Newport Beach CA 92660 United States  
United Agri Products 789 Donnybrook Drive Dorchester, Ontario N0L 1G5 Canada

Made in the United States

EPA Est. No. 5481-CA-1

In case of emergency, phone 24 hours a day: CHEMTREC:1-800-424-9300 AMVAC:1-323-264-3910

## DIRECTIONS FOR USE

**PRE-HARVEST DROP:** Be sure applications are completed in time to become effective before actual pre-harvest drop begins. With summer and early fall varieties during periods of warm weather, FRUITONE N usually becomes effective in one to two days. For later varieties during cool weather, a slightly longer period is necessary. Healthy foliage, freedom from mites, and frost damage is necessary for the effective action of this material. If possible, apply sprays when temperature is 21°C or higher. Thoroughly wet foliage as well as fruit with the spray. Consult local authorities on the volume to be used with speed sprayers.

For summer varieties such as Yellow Transparent and Wealthy, apply sprays when the first sound, uninjured fruit begin to drop. The effectiveness of this material is usually much longer for these varieties in hot weather. For summer varieties, one half concentration (5 ppm) may be effective especially in hot weather. With a variety such as McIntosh, apply at 10 ppm as the first sound, uninjured fruit begin to drop. If the area treated is not picked within 7 to 10 days after the first treatment, we suggest a second application to remaining unpicked fruit 5 to 6 days after the first application. With later varieties such as Baldwin and Red Delicious, one application of a 10 ppm spray at the time the first sound, uninjured fruit begin to drop is usually sufficient. For British Columbia use 20 ppm. Contact local authorities for product information.

Airblast application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. DO NOT apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

DO NOT apply by air

Buffer zones:

Use of the following spray methods or equipment DO NOT require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forest areas, shelter belts, woodlots, hedgerows, riparian areas and shrub lands).

Method of Application	Crop	Buffer Zone (metres) Required for the Protection of Terrestrial Habitat
Airblast	Apples, pears	4
Airblast	Ornamental crabapples	2

**Important:** FRUITONE N inhibits fruit drop but does not affect normal ripening. The fruit must be picked at the proper stage of maturity even though the hormone-like material is still effectively delaying excessive drop. Do not make more than 2 applications and do not apply closer than 5 days before harvest.

**CHEMICAL THINNING:** FRUITONE N should not be used on early summer varieties such as Yellow Transparent, Early Williams Red and Oldenburg, since severe injury or overthinning may occur. For later fall varieties such as Red Delicious, Golden Delicious and Romes, application should be made 14 to 18 days after full bloom. Because of wide variations in varieties, climatic factors, tree vigor and fruit set, a range of rates of 5 to 20 ppm can be used. For rates to be used for your specific variety and location, contact your local extension pomologist. 114 grams of FRUITONE N gives approximately 10 ppm of naphthaleneacetic acid in 350 liters of water.

**FRUIT SET THINNING OF ORNAMENTAL CRABAPPLES:** For use only as a component of an integrated pest management program to control codling moth in British Columbia. A 20 ppm spray solution (228 grams in 350 liters of water) should be applied by municipal employees or licensed applicators only. Do not apply this product in such a manner as to directly, or through drift, expose workers or other persons. The area to be treated must be vacated by unprotected persons. Apply a single application five (5) days after full bloom.

#### **DISPOSAL**

1. Triple or pressure rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.
5. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency.

Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**PRECAUTIONS:** Avoid contact with skin, eyes or clothing. Avoid spray drift to other crops. Do not use spray equipment for other purposes unless thoroughly cleaned. Do not contaminate water used for irrigation or domestic purposes. Wear long pants, a long-sleeved shirt, chemical resistant gloves and shoes plus socks during mixing, loading, applying, cleaning and repair.

Do not re-enter treated areas until residues have dried.

**DO NOT APPLY BY AIR.** If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at [www.croplife.ca](http://www.croplife.ca).

#### **FIRST AID:**

**IF SWALLOWED:** Call a poison control centre 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 centre or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre 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 by mouth-to-mouth, if possible. Call a poison control centre 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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**ENVIRONMENTAL HAZARDS:** TOXIC to non-target terrestrial plants. Observe buffer zones specified under DIRECTIONS FOR USE. Overspray or drift to sensitive habitats should be avoided. Do not spray when wind is blowing towards the terrestrial sensitive areas including forested areas, shelter belts, woodlots, hedgerows, shrublands, and vegetated ditch banks, and the sensitive aquatic habitats including slough, ponds, prairie potholes, lakes, rivers, streams, reservoirs and wetlands. Do not contaminate these systems through direct application, disposal of waste or cleaning equipment.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.

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