

# Fruitone® N

## PLANT GROWTH REGULATOR

Fruitone® N is an auxin hormone type product used in apples as a thinning and pre-harvest drop control agent. It is the only NAA thinning formulation available in Canada.

**GUARANTEE:** 1-Naphthaleneacetic Acid (NAA) 3.1%.

**GROUP:** Auxin type plant growth regulator.

**CROPS:** Apples and crabapple.

**RATES/TIMING:**

**Pre-harvest drop:** 5-10 ppm (varies with variety see label).  
Use 20 ppm in British Columbia.

Best timing is when first sound, uninjured fruit begins to drop. Apply so it becomes effective before actual pre-harvest drop begins. During warm weather Fruitone N becomes effective in 1-2 days. Healthy foliage free of mites and frost damage is needed for effective action. If possible apply when temperature is 21°C or higher. A second application may be needed 5-6 days after the first spray if fruit is not going to be picked within 7-10 days of first application.

**Chemical thinning:** Use 5-20 ppm (depending on variety, climatic factors, tree vigor and fruit set).

114 grams Fruitone N gives approximately 10 ppm of NAA in 350 L water. See table (on reverse) of Fruitone needed based on water volume rates and ppm needed.  
Apply 14-18 days after full bloom.

Fruit set thinning of ornamental crabapples – 20 ppm (228 gm in 350 L water). Apply 5 days after full bloom. For use only as a component of IPM programs to control codling moth in British Columbia.

**WATER VOLUME:** Thoroughly wet foliage as well as fruit with the spray.

**RESIDUAL CONTROL:** Holds fruit on the tree for 7-10 days.

**PRE-HARVEST INTERVAL:** Do not apply within 5 days of harvest.

**CAUTIONS:** Fruitone N inhibits fruit drop but does not affect normal ripening. Fruit must be picked at proper stage of maturity. Possible advance ripening at high rates (20 ppm) may occur therefore do not use with Smartfresh MCP systems. Do not apply by air. If mixing with a pest control product, check the US import regulations on the residue levels allowed before use.

Fruitone N should not be used for chemical thinning on early summer varieties such as Yellow Transparent, Early Williams Red and Oldenburg, since severe injury or over-thinning may occur.

**PACKAGE SIZE:** 6 X 566 grams.



## QUICK SHEET

**ALWAYS READ THE LABEL BEFORE USE**

**Amount of Fruitone N required (grams)**

Required volume litres	Grams for 5 ppm	Grams for 10 ppm	Grams for 15 ppm	Grams for 20 ppm
50	8.2	16.3	24.5	32.6
100	16.3	32.6	48.9	65.2
150	24.5	48.9	73.4	97.8
200	32.6	65.2	97.8	130.4
250	40.8	81.5	122.3	163.0
300	48.9	97.8	146.7	195.6
350	57.1	114.0	171.2	228.0
400	65.2	130.4	195.6	260.8
450	73.4	146.7	220.1	293.4
500	81.5	163.0	244.5	326.0
550	89.7	179.3	269.0	358.6
600	97.8	195.6	293.4	391.2
650	105.9	211.9	317.8	423.8
700	114.0	228.2	342.3	456.4
750	122.3	244.5	366.8	489.0
800	130.4	260.8	407.5	521.6
850	138.6	277.1	415.7	554.2
900	146.7	293.4	440.1	586.8
950	154.9	309.7	464.6	619.4
1000	163.0	326.0	489.0	652.0

**STORAGE:** Store in cool, dry, ventilated place away from feed and foods.

**RE-ENTRY:** Once dry on the crop.

**ADDITIONAL:** May be combined with most commonly used insecticides, adjuvants, and fungicides. Observe export residue levels if exporting to the US.

**RAINFEST:** Will need to re-apply after heavy rainfall.



[www.uap.ca](http://www.uap.ca)

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