CONTROL OF PREHARVEST DROP - APPLES (GROUND APPLICATION - CONCENTRATE)

General Information

Product Information

Fruitone N is an auxin plant hormone for use in fruit production. The response of fruit trees to an application may vary in different years. In reviewing the results, the grower needs to consider the variation in varieties, climatic factors, dosage, tree vigor, and fruit set before choosing the desired rate and timing for application. Application using sufficient water to ensure complete uniform spray coverage with your specific equipment is imperative. Application can be made in the range of 50 to 400 gallons of water per acre. The appropriate spray volume is determined by the type of equipment used, tree size and density of the foliage. Each grower should consider all variables in rate and application timing for each variety and orchard location when establishing the spray program.

Fruitone N thins the fruit of apples and pears during heavy bearing years resulting in increased fruit size and promotes adequate return bloom the following season. Furthermore, an additional non-fruit thinning application may provide return bloom next year on certain apple varieties.

Fruitone N also controls pre-harvest drop of apples and pears leading to a larger harvest and a reduction of losses from windfall and knockdown.
Fruitone N, when diluted with the labeled amount of water, is physically compatible with a wide range of commonly used spray products although the full range of compatibilities under local conditions are not known. In addition, since formulations may be changed and new ones introduced, it is recommended that users premix a small quantity of a desired tank mix and observe for possible adverse changes (settling out, flocculation, etc.). Avoid mixtures of several materials and very concentrated spray mixtures. Observe all cautions and limitations on labeling of all products used in any tank mix. It is recommended that you consult your local Extension Pomologist for recommendations or when tank mixing any product you have not previously used with Fruitone N. In addition, always test spray a small area prior to the general use of a tank mix that you have not previously used.

SPRAY DRIFT MANAGEMENT

A variety of factors including weather conditions (e.g., wind direction, 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 restriction:

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

Specific language for orchard air blast:

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 courser spray droplets (or nozzles) according to ASABE (S572) definition for standard nozzles

Note: All use of ppm refers to the active ingredient (a.i.) not the formulated product.

Do not exceed 3.5 pounds of product per acre per application. Do not exceed 10.5 lbs of product per acre per year

Limitations, Restrictions, and Exceptions
CONTROL OF PRE-HARVEST DROP - APPLES

Apply to apples 7 to 14 days prior to harvest. Do not make more than two applications and do not delay harvest beyond optimum maturity. Do not spray within two days of harvest. Fruitone N becomes effective 1 to 3 days after application and controls drop for about two weeks depending upon the weather. For maximum effectiveness, apply when temperature is 70ºF or higher. Fully "wet" the entire canopy to assure complete coverage. The following is offered only as a general guide. Variety, climatic conditions and other factors may determine the actual rate required.

Ground Application - Concentrate: Apply at the rate of 1.75 to 3.5 lbs. of Fruitone N per acre (25 to 49 grams AI per acre) in sufficient water to ensure good coverage.

Method

Broadcast/Foliar Ground
Pre-Harvest Interval

2 days

Rates

field_rates 0
field_rates 1

Restricted Entry Interval

48 hours

Timings

7 to 14 days prior to harvest.