

Supplemental Label



EPA Reg. No. 73049-45

(For Use In: AL, AR, AZ, CO, CT, DE, FL, GA, HI, IA, ID, IL, IN, KS, KY, MA, MD, ME, MI, MN, MO, MS, NC, ND, NE, NH, NJ, NM, NY, OH, OR, PA, RI, SC, SD, TN, TX, UT, VA, VT, WA, WI, and WV Only)

**RETAIN[®] PLANT GROWTH REGULATOR SOLUBLE POWDER
FOR USE ON NUT, POME, AND STONE FRUIT CROPS
FOR INCREASING FRUIT AND NUT SET**

This supplemental labeling expired on March 11, 2018 and must not be used or distributed after this date

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR RETAIN[®] PLANT GROWTH REGULATOR SOLUBLE POWDER BEFORE APPLYING. USE OF RETAIN[®] PLANT GROWTH REGULATOR SOLUBLE POWDER ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR RETAIN[®] PLANT GROWTH REGULATOR SOLUBLE POWDER

NUT, POME AND STONE FRUIT CROPS – FOR INCREASING FRUIT AND NUT SET

CROP	OBJECTIVE / BENEFIT	APPLICATION TIMING/ USE INSTRUCTIONS
Apple	To increase fruit set.	Apply one pouch of ReTain per acre, as a single application from pink stage to full bloom. Applications made prior to pink stage or after full bloom will significantly reduce efficacy of the treatment. Do not apply after petal fall.
Cherry	To increase fruit set.	Apply one to two pouches of ReTain per acre during bloom. Retain may be applied as a single application of up to two pouches, or as sequential applications of one pouch per application. Applications between popcorn stage (balloon stage) to first bloom are more effective than earlier or later applications. Do not apply after petal fall.

European Pear cultivars	To increase fruit set.	Apply one pouch of ReTain per acre, as a single application from white bud stage to full bloom. Applications made prior to white bud stage or after full bloom will significantly reduce efficacy of the treatment. Do not apply after petal fall.
European Pear Cultivars	To reduce June drop.	Apple one pouch of ReTain at 10 mm fruit size.
Pecan	To increase nut set in cultivars that experience low set.	Apply one to two pouches of ReTain per acre during bloom. Retain may be applied as a single application of up to two pouches, or as sequential applications of one pouch per application. Applications made either too early (pre-bloom) or too late (after full bloom) will reduce the efficacy of the treatment. Use higher rates on cultivars/orchards that have experienced lower nut set.
Walnut	Increased nut set in cultivars affected by pistillate flower abortion (PFA).	Apply one to two pouches of ReTain per acre, when most pistillate (female) flowers are receptive to pollination. ReTain may be applied as a single application of up to two pouches, or as sequential applications of one pouch per application. One application of ReTain at 5-30% pistillate flower bloom has been shown to be effective for a short pistillate flower bloom period. Sequential applications at 5-30% and 45-65% bloom are effective and cover a broader window of pistillate flower bloom. Applications made either too early (pre-bloom) or too late (full bloom or later) will significantly reduce efficacy of the treatment. Use higher rates on cultivars/orchards that have experienced high incidences of poor nut set due to PFA.

IMPORTANT:

- For apple and pear, do not apply more than one pouch for increasing fruit set (apples and pears) and June drop (pears). Do not use more than two pouches for harvest management and improvement of fruit quality. . Do not apply more than two pouches of ReTain per acre per year.
- For sweet cherry, do not apply more than one to two pouches for increasing fruit set. Do not apply ReTain to cherry trees when fruit are present.
- For pecan and walnut, do not apply more than two pouches of ReTain per acre per year.

Water Volume: ReTain efficacy requires that flower buds and flowers receive thorough spray coverage. To ensure thorough coverage use calibrated spray equipment (i.e. air blast sprayer) and adjust water volumes based on tree size and spacing. Use sufficient water volume to achieve thorough coverage without excessive runoff. In most cases, a spray volume of 100 to 200 gallons per acre has been shown to be effective.

Use of Adjuvants: Use of adjuvants with ReTain for bloom applications has not been fully researched. Some adjuvants will cause a bloom thinning effect and will reduce the benefits of ReTain.

PLEASE CONTACT VALENT U.S.A. CORPORATION AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.

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