



FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF WASHINGTON

# ReTain®

## Plant Growth Regulator Soluble Powder

EPA Reg. No. 73049-45  
EPA SLN No.: WA-090009

- *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.*
- *Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the EPA registered label.*

### DIRECTIONS FOR USE:

To increase Fruit Set in Apples and Pears

CROP	APPLICATION TIMING / USE INSTRUCTIONS
<b>Apple</b>	Apply one pouch (11.7 oz) of ReTain per acre per year to apple trees from pink stage to full bloom to increase fruit set. Applications made either too early (pre-bloom) or too late (petal fall or after) will significantly reduce efficacy of the treatment. A second application of ReTain may be applied at one pouch per acre according to the use instructions for <b>Single Pick Harvest</b> to delay the harvest period. If a second application of ReTain is used for <b>“Multiple Pick Harvest”</b> to improve the fruit quality and storage potential of later picked apples, apply one pouch (11.7 oz) per acre no sooner than 10 days prior to the anticipated beginning of the normal harvest period of untreated fruit for the current season.
<b>Pear</b>	Apply one pouch (11.7 oz) of ReTain per acre per year to pear trees from white bud stage to full bloom to increase fruit set. Applications made either too early (pre-bloom) or too late (petal fall or after) will significantly reduce efficacy of the treatment. If a second application of ReTain is used, apply one pouch (11.7 oz) per acre no sooner than 10 days prior to the anticipated beginning of the normal harvest period of untreated fruit for the current season.
<b>Water Volume:</b> 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 good coverage without excessive runoff. In most cases, 100 gallons spray volume per acre has been shown to be effective.	
<b>Use of Adjuvants:</b> 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.	
Consult your local fruit tree specialist or Valent USA Agricultural Specialist (1-800-6-VALENT) for more information.	

**RESTRICTIONS:**

- Do not apply more than two applications or 23.4 oz of ReTain per acre per year on apples or pears.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

**WSDA CONTAINER DISPOSAL GUIDANCE:** Completely empty the content of the pesticide container into application equipment, and apply to a labeled crop or site. The empty container may be disposed of in a sanitary landfill. Burning is not legal method of container disposal in Washington

**LIABILITY STATEMENTS:** This product when used on apple and/or pear may lead to crop injury, loss, or damage. Valent BioSciences Corporation recommends that the user and/or grower test this product in order to determine its suitability for such intended use. Valent BioSciences makes this product available to the user and/or grower solely to the extent the benefit and utility, in the sole opinion of the user and/or grower outweigh the extent of potential injury associated with the use of this product. The decision to use or not to use this product must be made by each individual user and/or grower on the basis of possible crop injury from ReTain or other factors. Valent BioSciences intends that because of the risk of failure to perform or crop damage that all such use is at the user's and/or grower's risk.

**READ THE LABEL AFFIXED TO THE CONTAINER FOR THE RETAIN SOLUBLE POWDER BEFORE APPLYING. USE OF RETAIN SOLUBLE POWDER ACCORDING TO THIS SPECIAL LOCAL NEED LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR RETAIN SOLUBLE POWDER.**

This label for ReTain® expires and must not be distributed or used in accordance with this SLN registration after December 31, 2009.

**FIFRA Section 24(c) Registrant:** Valent BioSciences Corporation  
870 Technology Way, Suite 100  
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www.valentbiosciences.com  
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