

FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF HAWAII

ReTain®

Plant Growth Regulator Soluble Powder

EPA Reg. No. 73049-45
EPA SLN No.: HI-100001

ACCEPTED

January 14, 2010

Under Hawaii Pesticides Law
as Supplement to Product No.
8187.25

- ***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 Reduce the Incidence of Natural Induction (NI) of Flowering (Naturally Differentiated Flowering NDF) in Pineapple

CROP	APPLICATION TIMING / USE INSTRUCTIONS
Pineapple	<p>Apply ReTain directly to foliage of pre-flowering pineapple plants using 50 to 200 ppm AVG active ingredient (a.i.). Make the first application of <i>ReTain</i> 7 days prior to the first anticipated occurrence of conditions that favor NDF. Make subsequent applications at 7-14 day intervals when conditions favor NDF. Do not apply more than 2250 grams a.i. per acre per crop cycle.</p> <p>See Table 1 for determination of <i>ReTain</i> application rates.</p> <p>Make the last application of <i>ReTain</i> per growing cycle prior to artificial induction of flowers (forcing).</p>
<p>Water Volume: <i>ReTain</i> efficacy requires that pineapple plants receive thorough spray coverage. Insufficient spray application volumes or uneven application patterns will reduce product performance. In most cases, a spray volume of 90 to 300 gallons per acre has been shown to be effective.</p>	
<p>Use of Adjuvants: <i>ReTain</i> may be used with Break-Thru®, RNA Si 100, Silwet L-77™, or Sylgard® 309 organosilicone surfactants. Use a final surfactant concentration of 0.05 - 0.1% (v/v). To reduce foaming, add the adjuvant last and minimize agitation.</p>	
<p>Additional Notes:</p> <ul style="list-style-type: none"> • Apply <i>ReTain</i> to pineapple plants prior to flowering. Do not allow spray to drift onto pineapple plants that are in bloom or have fruit. • Combination effects and potential interactions between <i>ReTain</i> and other agrochemical products have not been thoroughly tested. Tank mixing <i>ReTain</i> with other agrochemical products may reduce the efficacy of <i>ReTain</i>. • Leaf discoloration can occur in some cultivars at high use rates and shorter application intervals. If unacceptable leaf discoloration is noted, reduce concentration of a.i. in subsequent applications. 	

Table 1 - Parts per Million (ppm) of AVG in Spray Tank at Varying Spray Volumes and Numbers of ReTain Pouches per Acre						
Number of ReTain pouches/A	AVG Parts per Million (ppm) at Specified Gallons per Acre (gpa)					
	90 gpa	100 gpa	150 gpa	200 gpa	250 gpa	300 gpa
1	147 ppm	132 ppm	88 ppm	66 ppm	53 ppm	
2			176 ppm	132 ppm	106 ppm	88 ppm
3				198 ppm	159 ppm	132 ppm
4						176 ppm

Each 11.7 oz (333 grams) Pouch/Water soluble bag of ReTain contains 1.76 ounces (50 grams) of AVG active ingredient (a.i.)

RESTRICTIONS:

- Do not apply more than 45 pouches of *ReTain* (2250 g AVG) per acre per crop of pineapples.
- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

CONTAINER DISPOSAL GUIDANCE: Nonrefillable container. Do not reuse or refill this container. Offer for recycling, if available. Completely empty container into applicable equipment. If recycling is not available dispose of empty container in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

LIMITATION OF LIABILITY: This product when used on pineapple 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. To the extent consistent with applicable law, 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.

FIFRA Section 24(c) Registrant: Valent BioSciences Corporation
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This label is valid until January 13, 2015 or until otherwise amended, withdrawn, cancelled, or suspended.

Issue Date: 01/14/2010
 Expiration Date: 01/13/2015