

Supplemental Label



REGISTRANT:
 Valent BioSciences Corporation
 870 Technology Way, Suite 100
 Libertyville, IL 60048
 EPA Reg. No. 73049-45

ReTain®

Plant Growth Regulator
SOLUBLE POWDER
 For use in Hawaii

DIRECTIONS FOR USE: It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

Please see Table 1 to determine the number of ReTain® pouches needed per acre based on rate and water volume.

PINEAPPLE

CROP	OBJECTIVE / BENEFIT	APPLICATION TIMING / USE INSTRUCTIONS
<p>Pineapple</p>	<p>Reduce the incidence of natural induction of flowering in pineapple (NI), also known as Naturally Differentiated Flowering (NDF).</p> <p>Reduction of NDF allows for artificial induction of flowers (forcing) at the appropriate plant maturity to give more uniform flowering and consequently more uniform fruit maturity. This has been shown to result in:</p> <ul style="list-style-type: none"> • larger and more uniform fruit size, and • a more concentrated harvest period. <p>Consult your local Valent U.S.A. Agricultural Specialist (800-6-VALENT) for specific information on the best use practices.</p>	<p>Apply <i>ReTain</i> directly to foliage of pre-flowering pineapple plants using 50 to 200 ppm AVG active ingredient (a.i.). For best results, 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. Make up to 10 applications per growing cycle. Use higher rates on cultivars/ plantations that experience high incidences of NDF.</p> <p>See Table 1 for determination of <i>ReTain</i> application rates.</p> <p>Conditions that favor NDF in pineapple are:</p> <ul style="list-style-type: none"> • cool temperatures (< 68°F); • short photoperiod (< 12 hr); • when pre-flowering plants weigh more than 3.1 lbs. <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>Adjuvants: For optimal response, use <i>ReTain</i> 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 <i>ReTain</i> Pouches per Acre						
Number of <i>ReTain</i> 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	66.0 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 <i>ReTain</i> contains 1.76 ounces (50 grams) of AVG active ingredient (a.i.)						

THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR RETAIN BEFORE APPLYING. USE OF RETAIN ACCORDING TO THIS SUPPLEMENTAL LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR RETAIN.

Registrant:

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 www.valentbiosciences.com
 Made in U.S.A.
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Read and follow the label instructions before using.

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