
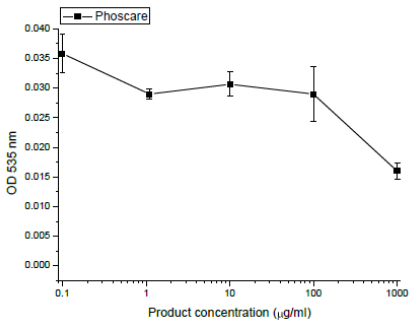


Product testing report

Jan/Feb 2011

Phoscare*			
Supplying company : *	Roots Shoots & Fruits Ltd		
Active ingredient : *	Phosphite		
Mode of action : *	Chemical <input checked="" type="checkbox"/>	Biological <input type="checkbox"/>	Elicitor <input checked="" type="checkbox"/>
Application rate :	2.5-6.0 L/Ha		
Kiwifruit label claim *	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Pending <input type="checkbox"/>

*Information supplied by client

Test results			
Test	Method description	Results	
Inhibition zone - droplet (Laboratory testing)	A measurement of the zone of inhibition of Psa around the spot where the product to be tested was deposited (p). The + sign is where the positive control has been deposited. The – sign is where the negative control has been deposited.	 <p>Phoscare inhibited Psa on plate.</p>	
Optical density (Laboratory testing)	A measurement of the growth rate of the Psa bacteria in the presence of the test products.	 <p>Note : Due to their mode of action elicitors may not directly inhibit Psa growth or may produce an inconsistent result.</p>	
Effective	A measurement of the effective concentration at	EC₅₀	EC₉₅ EC₅₀/EC₉₅

concentration <i>(Laboratory testing)</i>	which bacterial cells are reduced by 50% (EC ₅₀) and 95% (EC ₉₅) and the ratio of EC ₅₀ /EC ₉₅	743.8 µg/ml	34715.9 µg/ml	46.7
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Comments

Due to the nature of the tests and the mode of action of some products it is noted that some products that are effective in vitro may not be effective when used in the field, conversely some products that are not effective in vitro may be effective in the orchard environment.

It is recommended that all biological and elicitor treatments be considered for further glasshouse testing.

Reporting details

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Date :	Jan/Feb 2011

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