

### Derogation for Prothiofos 2016/17

[Derogation compiled by the Deciduous Industry Crop Protection Advisory Group (CPAG)]

<b>Crop</b>	Apples & Pears		
<b>Country of Origin</b>	South Africa		
<b>Supplier</b>			
<b>Chemical (ai)</b>	Prothiofos	<b>Trade name/s</b>	Tokuthion 960 EC
<b>Pest/Disease</b>	Mealybug		
<b>Rationale for use</b>	<p>To protect fruit from mealybug infestation.          It is the best control option for problem situations.          It is only applied to some orchards in the dormant stage. This is to avoid the use of other chemicals later in the season when fruit is on the trees.          Dormant applications have less negative effect on predators and natural enemies, than summer applications.</p>		
<b>Alternative, either cultural or chemically?</b>	Chlorpyrifos is an alternative, as a dormant application. It is also an organophosphate and is less effective under high pressure situations.		
<b>What prevention methods are available?</b>	None		
<b>Dose rate requested</b>	50 ml/100L water	<b>% of full rate?</b>	100%
<b>No of applications requested?</b>	Maximum 2	<b>Timing i.e. interval between applications</b>	7 –14 days
<b>Harvest Interval</b>	Dormant application only. Before green tip stage.	<b>Stewardship and engineering mechanism that prevent environmental issues</b>	Precautions as per label.
<b>Time scale for exit</b>	As soon as a suitable alternative is available.		