

Derogation for Paraquat 2016/17

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

Crop	Apples , Pears and Stone fruit		
Country of Origin	South Africa		
Supplier			
Chemical (ai)	Paraquat	Trade name/s	Gramoxone Preeglone Various other
Pest/Disease	Post Emergence Weed control		
Rationale for use	Only applied when annual grass weeds need to be controlled. A dose of 2-5litres per hectare will be applied, depending on the type and stand of weed. Normally maximum two applications per year.		
Alternative, either cultural or chemically?	<p>With limited post emergence herbicides available, it is important to alternate herbicides for resistance management. A degree of resistance to some weeds is already experienced.</p> <p>All PPP applicators are fully trained in the handling and application of hazardous substances; these operators get re-trained bi-annually. Great care is taken to ensure that operators are informed of the relative protective equipment to be worn and that this is not only available to all of them but that they are also well maintained and fully functional. MSDS sheets, relevant medical kits as well as trained first aiders is available at all times. A program of medical testing to determine possible overexposure to PPP is also followed by growers.</p>		
What prevention methods are available?	<p>Currently none.</p> <p>Over time we hope to create a layer of mulch underneath trees that will minimize the use of chemical weed control.</p>		
Dose rate requested	2 – 5 L/ha depending on the type and stand of weeds.	% of full rate?	40 -100%
No of applications requested?	One	Timing i.e. interval between applications	NA.
Harvest Interval	NA.	Stewardship and engineering mechanism that prevent environmental issues	As per label.
Time scale for exit	As soon as a suitable alternative is available.		