HORTGRO science
Growing Fruit IQ

Derogation for Chlorfenapyr
2016/17

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

Crop	Nectarines		
Country of Origin	South Africa		
Supplier			
Chemical (ai)	Chlorfenapyr	**Trade name/s**	Hunter 240 SC Savage 360 SC
Pest/Disease	Banded fruit weevil. (snoutbeetle) - *Phlyctinus callosus*		
Rationale for use	To assist in the control of leaf and fruit damage caused by Banded fruit weevil.		
Alternative, either cultural or chemically?	**Cultural:** Stem barriers are used to prevent weevils from getting into trees. These stem barriers are not maintained in the period between postharvest and blossom and the chemical is needed to kill weevils in trees during this period. Some training systems are also not suitable for stem banding. **Chemical:** Indoxacarb, Spinetoram. Indoxacarb and Spinetoram are not as effective as Chlorfenapyr and cannot be used alone. It needs to be alternated with other chemical groups, like Chlorphenapyr, for resistance management. The following appears on the labels of Indoxacarb and Spinetoram in this regard. *"Avoid exclusive repeated use of insecticides from the same insecticide group code. Alternate or tank mix with products from different insecticide group codes."*		
What prevention methods are available?	Stem barriers as mentioned in the previous column. Please see restrictions of these stem barriers.		
Dose rate requested	Hunter 24 SC = 50 ml/100 L water Savage 360 SC = 35 ml/100L water	**% of full rate?**	100%
No of applications requested?	One	**Timing i.e. interval between applications**	NA
Harvest Interval	Not later than the beginning of flowering. No fruitlets must be present at time of application. This will result in no residues on fruit.	**Stewardship and engineering mechanism that prevent environmental issues**	As per label. Product is not used during bee activity.
Time scale for exit	As soon as a suitable alternative is available.		