

lambda cyhalothrin (Hallmark from Syngenta)
Hazard Classification: Harmful

Approved Uses				Insects Controlled		
Traditional Forestry	Farm Woodland	Christmas Trees	Amenity Vegetation	Aphid	Caterpillar	Weevil
x	Offlabel	Offlabel	x	Yes	Yes	Yes

Insect Activity			Adults	Larvae	Eggs
Contact	Systemic	Translaminar	Yes	Yes	x
Yes	x	x			

- * broad spectrum synthetic pyrethroid
- * offlabel use in willow biomass for willow aphid, willow beetle, willow sawfly.
- * water based microcapsule suspension.
- * strong absorption into leaf wax facilitates high level of persistency
- * control by contact, feeding and through anti-feeding activity
- * minimum water volume 200l/ha applied as medium spray
- * reduced volumes not permitted.
- * extremely toxic in the aquatic environment

pirimicarb (Aphox from Syngenta)
Hazard Classification: Toxic, Harmful & Irritant

Approved Uses				Insects Controlled		
Traditional Forestry	Farm Woodland	Christmas Trees	Amenity Vegetation	Aphid	Caterpillar	Weevil
x	x	Offlabel	x	Yes	x	x

Insect Activity			Adults	Larvae	Eggs
Contact	Systemic	Translaminar	Yes	n/a	x
Yes	Yes	x			

- * broad spectrum carbamate insecticide
- * approved for use in Christmas trees and forest nurseries
- * water dispersible granule formulation
- * control by contact, feeding and vapour activity in warm weather
- * potential for cross resistance to organophosphorus insecticides
- * tolerated by most beneficial and non target insects
- * minimum water volume 200l/ha applied as medium spray
- * reduced volumes not permitted.
- * very toxic in the aquatic environment

Insect, fungi & pest control

Indifferent results from insecticide applications can result from a lack of understanding of how individual products work, and this information is provided in concise summary tables.

A further 16 tables summarising the use of insecticides with label or offlabel approvals are given, together with a summary of pests controlled, and the pesticide characteristics, followed by similar tabulated information for fungicides, vertebrate control and plant growth regulators.