









# FLYSTRIKE PREVENTION AND TREATMENT CHEMICAL GUIDE

The table below is a guide only and summarises information specific to flystrike prevention and treatment only. Not all products containing the following chemical actives are registered for use in flystrike control. It is important to read the label for full details about the products' permitted use for flystrike control, application method, wool length, label protection period and withholding periods or intervals.

-  Chemical is registered for use in flystrike control based on the application method
-  Chemical is not registered for use in control flystrike based on the application method
-  Consider your chemical rotation strategy when using products that have formulations for both fly and lice control

**For treating struck sheep, use a different chemical group from the one used for long term protection from flystrike.**

Chemical group	Chemical active	Application method for fly <sup>1</sup>				Label protection period <sup>1</sup>	Withholding periods/ intervals (in days)		Formulation available for lice control <sup>2</sup>
		Pour/Spray-on	Jetting	Dipping	Dressing		SRI	WHP/ ESI	
Organo-phosphates (OPs)	Diazinon	✗	✗	✗	✓	Not specified	SRI: 42 WHI: 60	WHP: 14 ESI: 21	
Synthetic Pyrethroids (SPs)	Alpha-cypermethrin (body strike only)	✓	✗	✗	✗	Up to 10 weeks	SRI: 14 WHI: 60	WHP: 0 ESI: 7	
Neonicotinoids	Imidacloprid	✓	✗	✗	✗	Up to 10 weeks OR Up to 14 weeks <sup>3</sup>	SRI: Dry WHI: 60-182	WHP: 21 ESI: 63	
Spinosyns	Spinosad	✗	✓	✗	✓	4-6 weeks as preventative application	SRI: Dry WHI: 0	WHP: 0 ESI: 0	
Macrocyclic Lactones (MLs)	Ivermectin	✗	✓	✗	✓	Up to 12 weeks under low to moderate fly pressure	SRI: Dry WHI: 42	WHP: 7 ESI: 7	
Insect growth regulators (IGRs)	Cyromazine <sup>4</sup>	✓	✓	✓	✓	Up to 11 weeks spray/pour-on Up to 14 weeks for other methods	SRI: Dry WHI: 60	WHP: 7 ESI: 21-28	
	Dicyclanil <sup>4</sup>	✓	✗	✗	✗	12.5g/L: Up to 11 weeks 50g/L: 18-24 weeks 65g/L: Up to 29 weeks	SRI: Dry WHI: 30-90	WHP: 7-28 ESI: 21-120 <sup>5</sup>	

SRI: Sheep Rehandling Interval WHI: Wool Harvest Interval WHP: Withholding Period (meat/milk) ESI: Export Slaughter Interval

<sup>1</sup> Application method, appropriate wool length and protection period must be verified on label.

<sup>2</sup> Some chemical sub-groups may also be used in products for lice control and this should not be taken to mean that the product, formulation or application method for flystrike control is the same as for lice control.

<sup>3</sup> Different label protection periods depend on wool length – carefully check product labels before use.

<sup>4</sup> Although cyromazine and dicyclanil are different chemical actives, there is some cross-resistance between them.

<sup>5</sup> ESI varies depending on formulation applied – carefully check product labels before use.

**ALWAYS READ AND FOLLOW THE PRODUCT LABEL** Visit [www.flyboss.com.au](http://www.flyboss.com.au) for more information on flystrike management