

## LIST OF APPROVED INSECTICIDES AND INSECT REPELLENTS FOR USE IN THE CONTROL OF BLUETONGUE VECTORS

**Table 1. Repellents and Insecticides**

### Pyrethroid Insecticides for use on animals (Pour On & Spot On formulations)

Trade name	Active Ingredient	Market Authorisation Holder (MAH)	Species	Application	Withdrawal Period - Meat and Offal	Withdrawal Period - Milk	For treatment/control of:
Ectospec pour On	Cypermethrin (2.5% w/v)	Cross Vetpharm	Cattle	10 ml per animal, 5/8 week intervals	10 days	None	Lice and flies
Ezeepour Pour On	Cypermethrin (2.5% w/v)	Cross Vetpharm	Cattle	10 ml per animal, 5/8 week intervals	10 days	None	Lice and flies
Cypercure	Cypermethrin (2.5% w/v)	Ancare, Medivet Ltd	Cattle	10 ml per animal, 5/8 week intervals	10 days	None	Lice and flies
Liceban 2.5% w/v Pour on Solution	Cypermethrin	Bimeda	Cattle	10mls	10 days.	zero days	Lice and flies
Butox 7.5 Pour On Suspension	Deltamethrin (0.75%)	Intervet Ireland Ltd.	Cattle and Sheep	Cattle: 30 ml per 400kg/4 week intervals <sup>1</sup>	Cattle: 18 days	Cattle: 12 hrs	Lice, keds and flies
				Sheep: 10ml per 60kg/4 week intervals <sup>1</sup>	Sheep: 48 hrs	Sheep: 12 hrs	Lice, keds and flies
Dectospot 10 mg/ml Pour-on Solution for	Deltamethrin	Bimeda	Cattle and sheep	Cattle 10ml	Cattle: 18 days	Cattle: zero hours	Lice, flies

Cattle and Sheep.				Sheep 5ml	35 days	24 hours	Ticks, keds, blowfly
Deltadot 10 mg/ml Pour-on Solution for Cattle and Sheep	Deltamethrin	Bimeda	Cattle and sheep	Cattle 10ml	Cattle: 18 days	Cattle: zero hours	Lice, flies
				Sheep 5ml	Sheep: 35 days	Sheep: 24 hours	Ticks, lice, keds, blowfly
Deltanil 10 mg/ml Pour-on Solution for cattle and sheep	Deltamethrin	Virbac	Cattle and sheep	Cattle 10ml	Cattle: 17 days	Cattle: Zero hours	Lice, flies
				Sheep 5ml	Sheep: 35 days	Sheep: 24 hours	Ticks, lice, keds, blowfly
Insecinor 10 mg/ml Spot-on Solution for cattle and sheep	Deltamethrin	Norbrook	Cattle and sheep	Cattle 10ml	Cattle: 17 days	Cattle: Zero hours	Lice, flies
				Sheep 5ml	Sheep: 35 days	Sheep: Not for use in ewes producing milk for human consumption	Ticks, lice, keds, blowfly
Spotinor 10 mg/ml Spot-on Solution for	Deltamethrin	Norbrook	Cattle and sheep	Cattle 10ml	Cattle: 17 days	Cattle: Zero hours	Lice, flies

cattle and sheep				Sheep 5ml	Sheep: 35 days	Sheep: Not authorised for use in ewes producing milk for human consumption	Ticks, lice, keds, blowfly
Fly and Lice Spot On Insecticide 1% w/v	Deltamethrin 1.00% w/v	Zoetis	Cattle and sheep	Cattle: 10 ml	Cattle: 17 days	Cattle: Zero hours	Lice, flies
				Sheep: 5 ml Established blowfly strike -5 ml	Sheep: 35 days	Sheep: Not for use in ewes producing milk for human consumption	Ticks, lice, keds, blowfly
Ectofly 12.5 mg/ml Pour-On Solution for Sheep	Cypermethrin	Bimeda	Sheep	Up to 25 kg 20ml 25kg-40kg 30ml Over 40 kg 40 ml Max dose should not	8 days	5 days.	Ticks, headflies, biting lice, blowfly

				exceed 40ml			
Young's Vector	Cypermethrin (1.25%)	Novartis	Sheep	Manufacturer's instructions (>12.5kg bodyweight only)	7 days	Do not use	Ticks, headflies, biting lice, blowfly
Ovisect 12.5 mg/ml Pour-On Solution for Sheep	Cypermethrin	Osmond Ireland On Farm Business Limited	Sheep	Up to 25 kg 20ml 25kg-40kg 30ml Over 40 kg 40 ml Max dose should not exceed 40ml	8 days.	Not to be administered to animals producing milk for human consumption, nor in pregnant dairy ewes within 2 weeks prior to parturition.	Ticks, headflies, biting lice, blowfly

**Pyrethroid Insecticides for use on animals (Spray On formulations)**

Trade name	Active Ingredient	Market Authorisation Holder (MAH)	Species	Application	Withdrawal Period - Meat and	Withdrawal Period - Milk	For treatment/ control of:
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Electron Fly Tags	Cypermethrin (8.5% w/w)	Zoetis	Cattle	Apply at start of season. 4 months cover	Remove before slaughter	None	Face fly, head fly, biting flies, stable fly
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#### Insecticides for use on housing, vehicles, farm yards

Product	Active Ingredient	Market Authorisation Holder (MAH)	Method of use	Uses
Protector C	Cypermethrin (0.1% w/v)	TP Whelehan, Son & Co Ltd. (Agropharm)	Contact killer with residual activity when sprayed onto surfaces	Broad spectrum insecticide

#### Larvicides for use on insect breeding sites in housing and farm yards

Product	Active Ingredient	Market Authorisation Holder (MAH)	Method of use	Uses
Neoporex 2SG	Cryomazine	Novartic	Apply NEPOREX 2SG directly and evenly on the fly breeding sites.	Kills fly larvae
Brava 2 WP	Cryomazine 2%w/w 20g/kg		Apply by spraying	Kills fly larvae
Maggots GR	Cryomazine 2%w/w 20g/kg	Belgagri SA	Apply by dry scattering, spraying or watering	

**Organophosphate insecticides for use on animals\***

Trade name	Active Ingredient	Market Authorisation Holder (MAH)	Species	Application	Withdrawal Period - Meat and Offal	Withdrawal Period - Milk	Uses
Winter Dip	Diazinon (Dimpylate) 10%w/v	Hygeia Chemicals Ltd.	Sheep	2.25L dip / 900L cold water. 14 day intervals	35 days	Do not use	Sheep scab, blowfly
Summer Dip	Diazinon (Dimpylate) 10%w/v	Hygeia Chemicals Ltd.	Sheep	2.25L dip / 900L cold water. 14 day intervals	35 days	Do not use	Sheep scab, blowfly
Goldfleece Sheep Dip 60% w/v Concentrate for Dip Solution	Diazinon (Dimpylate) 60%w/v	Bimeda	Sheep	600ml / 900L cold water. 14 day intervals	35 days	Do not use	blowfly, ticks, keds, lice, and scab
Ectoflits Summer & winter sheep dip	Diazinon (Dimpylate) 60%w/v	Bimeda	Sheep	600ml / 900L cold water. 14 day intervals	35 days	Do not use	blowfly, ticks, keds, lice, and scab

**\*Full Personal Protective Equipment must be worn when using organophosphates**

Recommended by the Institute of Animal Health, Pirbright, UK.

<sup>1</sup>Mehhorn, H., Schmahl, G., D'Haese, J., Schmacher, B. Butox (2007) Butox 7.5 pour on: a deltamethrin treatment of sheep and cattle: pilot study of killing effects on *Culicoides* species (Ceratopogonidae).  
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