

**Cyrex<sup>PS</sup>**  
*Liquid*



# Double your jetting power!

Introducing new Cyrex<sup>PS</sup> Liquid, a dual-active jetting fluid that prevents blowfly strike, treats existing strike and controls lice on sheep with long wool. This unique formulation combines spinosad and cyromazine, **two established active ingredients with different modes of action** for powerful knockdown and residual control of maggots and lice.<sup>1</sup> Contact Elanco or your rural supplier today and find out how Cyrex<sup>PS</sup> Liquid doubles your jetting power!

**Elanco**  
TM

# Cy



## Double your j

### Innovation from Elanco

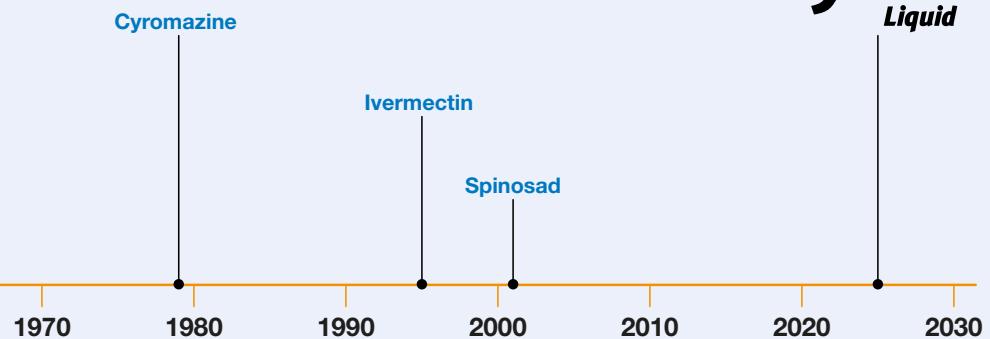
Cyrex<sup>PS</sup> Liquid is a unique, dual-active jetting fluid that prevents blowfly strike, treats existing strike and controls lice. This unique formulation combines spinosad and cyromazine, the proven active ingredients found in Extinosad<sup>TM</sup> Eliminator and Vetrazin<sup>®</sup> Liquid, respectively. Extinosad Eliminator remains the benchmark for knockdown control of maggots, flies and lice with maximum flexibility. Vetrazin Liquid has been a trusted jetting solution for long-lasting protection against blowfly strike in sheep for more than 40 years.

### Complementary modes of action

Spinosad belongs to the spinosyn chemical family. Upon contact or ingestion, spinosad causes involuntary and prolonged tremors in the nervous system of target parasites, leading to irreversible paralysis and death. Cyromazine is an insect growth regulator. It interrupts the lifecycle of blowflies by preventing first-stage larvae from moulting into damaging second-stage maggots or maturing into adult flies.



### Development of jetting actives for the prevention of blowfly strike in Australia.





# jetting power!

## Two established active ingredients for blowfly strike prevention

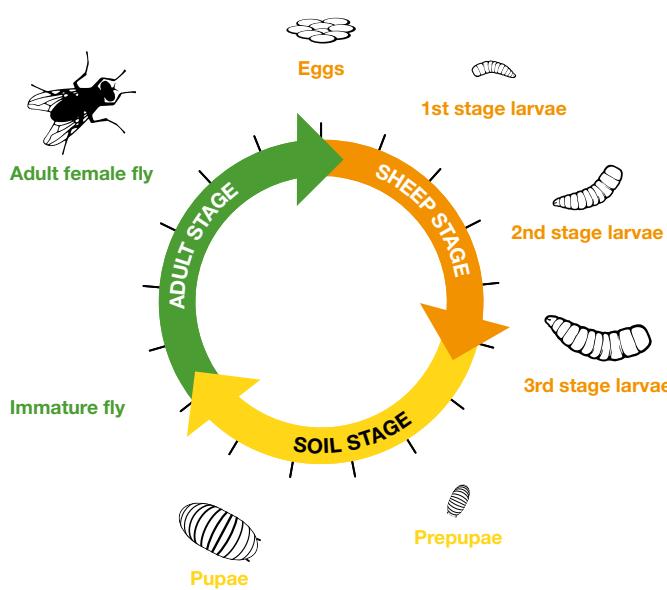
Cyrex<sup>PS</sup> Liquid contains two well-established active ingredients for flystrike prevention. When diluted and applied in accordance with the label directions, it delivers the same concentrations of spinosad and cyromazine found in Extinosad Eliminator and Vetrazin Liquid, respectively. Formulated as Extinosad Eliminator, spinosad protects against blowfly strike for 4–6 weeks. Formulated as Vetrazin Liquid, cyromazine protects against blowfly strike for up to 14 weeks. Cyrex<sup>PS</sup> Liquid is registered for protection from strike by cyromazine-susceptible strains of blowfly (*Lucilia cuprina*), including organophosphate resistant strains, for up to 14 weeks when applied as a jetting fluid.

## Dual active blowfly strike dressing

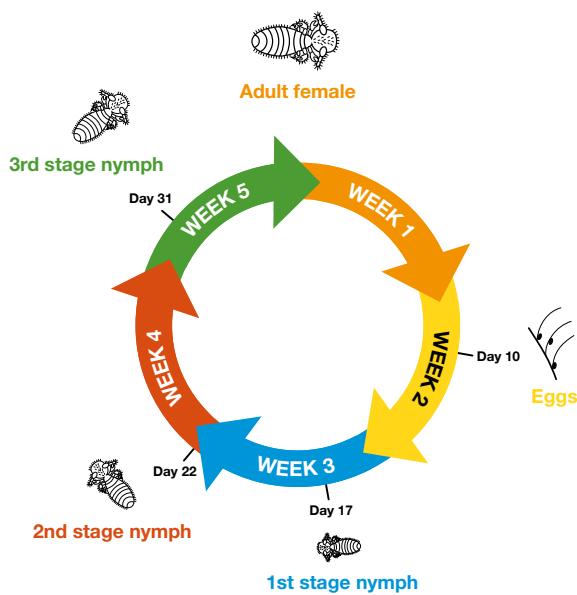
Cyrex<sup>PS</sup> Liquid provides dual activity against maggots when applied as a blowfly strike dressing. Spinosad provides rapid knockdown control of maggots, while cyromazine prevents first-stage larvae from moulting into damaging second-stage maggots or maturing into adult flies. Cyrex<sup>PS</sup> Liquid is registered for the treatment of blowfly strike when applied as a dressing.

## Controls lice for 8–11 weeks

Cyrex<sup>PS</sup> Liquid is also registered for the control of lice for 8–11 weeks in long wool when applied as a jetting fluid. Note that treating sheep in long wool should be regarded as a ‘salvage treatment’ to reduce the lice burden and minimise fleece derangement until shearing. A follow-up treatment with an effective off-shears or short wool lousicide is recommended after the next shearing.



Cyromazine prevents 1st stage larvae from moulting into damaging 2nd stage maggots and provides long-lasting residual activity. Spinosad provides knockdown control of 1st, 2nd & 3rd stage maggots.



Spinosad provides knockdown control of adult and nymph lice.

# Directions for use

## Protection against blowfly strike (jetting)

Cyrex<sup>PS</sup> Liquid is registered for protection from strike by cyromazine-susceptible strains of blowfly (*Lucilia cuprina*), including organophosphate resistant strains, for up to 14 weeks when applied as a jetting fluid.

- Dilute 200 mL of product in 100 L water.
- Apply 500 mL of diluted solution for each month of wool growth (up to 5 litres per sheep) from the poll to the tail base and around the neck and along each side.
- Ensure saturation to skin level.
- Pressure requirements 500–700 kPa (75–100 psi).
- A reduced period of protection against blowfly strike may result when applied to sheep with less than six weeks' wool or if applied using an automatic jetting race.

## Control of body lice (jetting)

Cyrex<sup>PS</sup> Liquid is registered for the treatment of blowfly strike when applied as a blowfly strike dressing.

- Dilute 10 mL of product in 5 L water.
- Remove wool from around the wound using clippers or shears.
- Apply 1 to 2 litres of diluted solution onto the wound.
- Prepare a fresh dilution of flystrike dressing each day.

## Control of body lice (jetting)

Cyrex<sup>PS</sup> Liquid is registered for the control of spinosad-susceptible strains of lice (*Bovicola ovis*) for 8–11 weeks on sheep with long wool (6 weeks to 10 months after shearing) when applied as a jetting fluid.

- Dilute 200 mL of product in 100 L water.
- Apply 500 mL for each month of wool growth (up to 5 litres per sheep) from the poll to the tail base and around the neck and along each side.
- Ensure saturation to skin level.
- Pressure requirements 500–700 kPa (75–100 psi).
- DO NOT apply using an automatic jetting race for lice control.
- A follow-up treatment with an effective off-shears or short wool lousicide is recommended after the next shearing.



### At a glance:

- Unique formulation containing 500 g/L cyromazine and 12.5 g/L spinosad
- Two active ingredients with different modes of action
- Two established active ingredients for blowfly strike prevention
- Dual active blowfly strike dressing
- Controls lice on sheep with long wool
- Management flexibility (ESI 14 days, WHI 2 months)

 For full product details, contact  
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