



## WSD CY-GUARD SPRAY ON

WSD CY-GUARD SPRAY ON is registered by the Australian Pesticides Veterinary Medicines Authority to protect sheep against primary and secondary fly-strike. It is for prevention and is NOT suitable for treating fly-strike once it has occurred. WSD CY-GUARD SPRAY ON is a low volume product applied directly from the container without dilution using a WSD-approved applicator.

## How effective is WSD CY-GUARD SPRAY ON?

Cyromazine is highly effective in protecting sheep against fly-strike by the sheep blowfly *Lucilia cuprina*. Duration of activity and effectiveness of WSD CY-GUARD SPRAY ON depend on correct application technique. Despite many years of use, Cyromazine remains effective in preventing strike by fly strains resistant to diazinon and other organophosphates.

If correctly applied, WSD CY-GUARD SPRAY ON provides protection for up to 11 weeks. WSD CY-GUARD SPRAY ON is convenient to use but may not provide protection for as long as jetting or spraying with WSD CY-GUARD SC.

Resistance to any chemical may occur and it is important to adopt management practices which complement the use of any WSD CY-GUARD product. Strategic practices such as mulesing or alternatives are important. Breeding for blow-fly resistance as a longer term strategy should also be considered. Time of shearing and crutching should also be reviewed.

Advice from a veterinarian or from WSD should be sought if blow-fly resistance to Cyromazine is suspected.

## When to use WSD CY-GUARD SPRAY ON in sheep?

- In some management systems it may offer a simpler method of applying Cyromazine than conventional dipping or jetting.
- Unlike conventional cyromazine preparations, WSD CY-GUARD SPRAY ON may be used in sheep with less than 6 weeks wool.
- Consider using WSD CY-GUARD SPRAY ON for sheep severely affected by grass seeds. WSD CY-GUARD SPRAY ON is also suitable for use in sheep with open wounds provided it is not applied directly onto the wounds.
- It is IMPORTANT to use WSD CY-GUARD SPRAY ON BEFORE the anticipated onset of a major fly wave. This may be at a particular time of year OR following unseasonal rain or if exceptional blow-fly activity is detected. The use of fly-traps to monitor blow-fly activity may be useful to determine when to spray, dip or jet with a WSD CY-GUARD product.

- WSD CY-GUARD SPRAY ON can be used to achieve moderate periods of fly-strike prevention of up to 11 weeks, including where it is not possible to correctly apply WSD CY-GUARD SC by dipping or jetting. It may be used if management practices allow a second treatment when prolonged protection is needed after a previous application of either WSD CY-GUARD SPRAY ON or SC.
- If a second treatment is required during a season, it should be applied less than 11 weeks after the first treatment with WSD CY-GUARD SPRAY ON or less than 14 weeks after treatment with WSD CY-GUARD SC.

## When not to use WSD CY-GUARD SPRAY ON in sheep

- WSD CY-GUARD SPRAY ON is NOT suitable for treating fly-strike, and is NOT effective against other external parasites of sheep including lice, itch-mite or ked.
- Do NOT apply WSD CY-GUARD SPRAY ON to wet sheep. Heavy rain soon after the application of this product may also reduce the period of protection, so avoid use if heavy showers are forecast.
- Do NOT use on female sheep which are producing milk for human consumption.
- Do NOT use WSD CY-GUARD SPRAY ON directly on open wounds, including those from marking or mulesing operations.

## Are there risks associated with using CY-GUARD SPRAY ON in sheep?

- The greatest risk is that the application will NOT be effective if not applied correctly or insufficient quantities are used.
- Good management practices including maintenance and cleaning of the applicator are important.