

Spinaflex®

INSECTICIDE
With Natural Spinosad

Smart Fly Control for Intensive Farm Environments.

The Fly Challenge in Intensive Farming

Flies are a persistent and costly challenge on modern intensive-farm enterprises – whether beef, dairy, horse or poultry. Adult house flies (and related species) breed in manure, wet litter, feed spills and waste material, then spread pathogens, disrupt animal welfare and irritate stock. High fly burdens can also increase stress in livestock, reduce feed conversion efficiency, and escalate hygiene risks for producers. For poultry and beef/dairy operations in particular, flies are more than an annoyance – they are biosecurity threats that demand dependable, high-performance treatments. This is where Spinaflex 133 SC earns its place.

Residual or Bait, Two Modes of Application

Spinaflex 133 SC brings flexibility and power to your fly control program. With a formulation built around 133 g/L of natural spinosad, this suspension concentrate is registered for use in beef, dairy and horse premises (as well as poultry) for adult fly control. On the label you'll find two key application modes for fly control:

Residual surface treatment: Apply 6 mL per 1 L water (≈ 12 m² coverage per litre) to surfaces where flies rest or feed – such as walls, beams, feed aisles, gutters and external walls exposed to morning sun. This provides ongoing residual control without the need for repeated broad broadcasts.

Fly-baiting treatment: Transform Spinaflex into a highly attractive bait by adding 10 g caster sugar per 1 L of spray mix (6 mL Spinaflex plus 1 L water + 10 g sugar). Caster sugar is recommended for ease of tank-mixing, though standard table sugar may be used if fully dissolved before application. This baiting option targets adult flies that seek sweet feeding sites, draws them into the treatment zone and delivers ingested plus contact kill, increasing overall efficacy in high-pressure zones.

This dual-mode capability means Spinaflex is effective across a range of fly pressure scenarios – from ongoing residual management to hotspots requiring bait-based knockdown.



GROUP 5 INSECTICIDE

PRODUCT SPECIFICATIONS

Active constituent:	Spinosad 133 g / L
Formulation type:	Suspension Concentrate (SC)
Pack size:	1 L (SUN828)
Chemical group:	Spinosyns
Schedule:	CAUTION

Pest Claims: For the control of flies in and around agricultural animal premises, domestic, commercial, industrial, public buildings and facilities as per the directions for use.

Key Features:

- Natural spinosad SC formulation for flies
- Fast knockdown of adult fly populations
- Kills flies by contact and ingestion
- Effective as a surface spray or bait matrix
- Group 5 mode of action, ideal resistance breaker



**100% Family owned
Australian business**

Why Spinosad Matters – The Science Behind the Product

Spinaflex contain a naturally derived active substance, spinosad, a mixture of spinosyn A and spinosyn D produced by the soil bacterium *Saccharopolyspora spinosa*. Spinosad operates via both contact and ingestion. It binds to nicotinic acetylcholine receptors (nAChRs) in insects, a unique mode of action not shared by pyrethroids, organophosphates or other conventional chemistries. The result: hyper-excitation of the insect nervous system, followed by paralysis and death.

For intensive farm managers, spinosad offers three major advantages:

- 1. Low cross-resistance risk:** Because the mode of action is novel (Group 5), Spinaflex can be used in rotation with other chemistries, helping to preserve control efficacy and delay resistance.
- 2. Adulticide performance:** The product controls flying adult pests (important where flies breed in litter/manure).

3. Natural-based credentials:

Derived from a soil bacterium, spinosad brings reduced non-target risks and aligns with livestock housing, animal welfare and sustainability goals.

Key Benefits for Intensive Farm Premises

Versatile application sites: Works in beef and dairy sheds, horse stables, feedlots, poultry houses and other animal-holding areas.

Dual treatment flexibility: Use as a residual surface spray or convert to a bait for targeted adult fly control.

Efficient mixing and use: Low use-rate (6 mL per L) means less product per treatment and faster coverage.

Part of IPM: Spinaflex supports integrated pest management programs – its unique mode of action and flexible use options make it a smart “resistance-breaker” tool.

Animal-friendly environment: Suitable for use in livestock premises with regard to animal welfare and service-site safety (when used according to the label).

Sustainability edge: The natural origin of spinosad appeals in an era of tighter environmental scrutiny and consumer-sensitive supply chains.

Application Guidelines for Fly Control in Farm Settings

- For **routine residual management**, identify surfaces where flies rest (walls, beams, manure surfaces, feed lines) and apply 6 mL Spinaflex per 1 L water. Use enough spray to wet surfaces, but avoid runoff.
- For **baiting hot-spots**, add 10g sugar per litre of mix (with 6 mL Spinaflex per litre). Apply in resting zones or hang treated cardboard strips near fly pathways – sugar draws adult flies into contact/ingestion. Maintain normal animal-welfare protocols.
- Ensure thorough coverage of fly-rest surfaces and litter/manure lines; cleaning and sanitation prior to application enhance performance.
- Rotate treatments with other insecticide chemistries to maintain resistance-management integrity.
- Always follow label instructions for withholding periods, surface restrictions and livestock-housing protocols.

Sundew Spinaflex 133 SC – Committed to the Australian Intensive Farm Segment

For fly control in intensive farm systems, Spinaflex 133 SC represents a smart, advanced solution. Its natural active ingredient, dual application methods, and strong efficacy make it ideal for high-pressure animal-housing environments where fly-control robustness is non-negotiable. Whether you apply as a residual spray or convert it to a bait, Spinaflex supports your operation’s bio-security, animal welfare and productivity goals – backed by Sundew’s reputation for Passion. Science. Solutions.

