

Spinaflex[®]

INSECTICIDE
With Natural Spinosad

Engineered for performance.
Targeted action where you need it most.

Sundew Spinaflex 133 SC Insecticide

Sundew Spinaflex provides effective control of house flies and darkling beetles (litter beetle) in and around facilities, including beef cattle, dairy cattle, horse, poultry, and horse premises.

Spinaflex is also an effective solution for ants and cockroaches and can be used as a fly bait with the addition of 10 grams sugar per 1 L water in your spray equipment.

Spinaflex is both a larvicide and adulticide making it a double threat to insects. It is also highly flexible and is a valuable tool in managing insect resistance.

Your Ideal Integrated Pest Management Treatment for Fly and Darkling Beetle

Strong and effective, Spinaflex can be an ideal component of your integrated pest management program. It kills both adults and larvae, offers no cross-resistance with other insecticide chemistries, and has different safety profiles for humans, animals and beneficial insects when used according to the label.

GROUP 5 INSECTICIDE

The Ultimate Resistance Breaker – a World First from Sundew Solutions

Sundew Spinaflex is the world's first 133 g/L spinosad speciality insecticide treatment developed for litter beetle (darkling beetle). Spinaflex is a further example that Sundew Solutions is a world class leader in research and development for Australian intensive farm situations.

Greater Flexibility with new 'STANDARD TREATMENT' and 'HEAVY INFESTATION' Label Options for Litter Beetle Poultry

Sundew Spinaflex insecticide now features an improved label to help poultry growers with serious litter beetle issues. The new improved label gives poultry growers greater flexibility in treatment regimens offering two methods of addressing issues based on pest pressure:

1. Standard Treatment

Apply as 1 metre wide bands to the floor under feed lines and in 0.5 metre bands along the edges of the poultry house.



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 litter beetle (darkling beetle) treatment for poultry growers as well as house flies and other pests as listed in the directions for use.

Key Features:

- Industry's first 133 g/L spinosad litter beetle treatment
- Scientifically developed for the treatment of litter beetle in poultry sheds
- Utilises high quality water based suspension concentrate formulation technology
- Adulticide and larvicidal properties
- Offers no cross-resistance with existing chemistries supplied by Sundew Solutions
- Sundew Spinaflex 133 SC is recommended to be rotated with BeetleBETA 125 SC and LarvaBETA as per Best Practice Australian Spray Treatment Program



**100% Family owned
Australian business**

2. Heavy Infestation

Apply to all floor surfaces at 1 L spray mix per 30 metres square.

What is Spinosad's Mode of Action in Spinaflex 133 SC?

The active ingredient in Sundew Spinaflex is spinosad. Spinosad is a natural substance comprised of two spinosoids – **spinosyn A** and **spinosyn D** (17:3).

Spinosad works through 'contact' and 'ingestion' by targeted pest insects.

Spinosad binds to nicotinic acetylcholine receptors (nAChRs) in insects – this is a novel mode of action. This is very distinct to other receptors targeted in insects by the

active ingredients found in Sundew **BeetleBETA** and Sundew **LarvaBETA** insecticides. Thus, there is no known cross-resistance between the chemistries developed and supplied by Sundew Solutions for poultry growers.

Spinosad kills insects by hyper-excitation of their nervous system.

New Greater Fly Control

Versatility: 'Residual Treatment' AND 'Fly Baiting Treatment' on Label

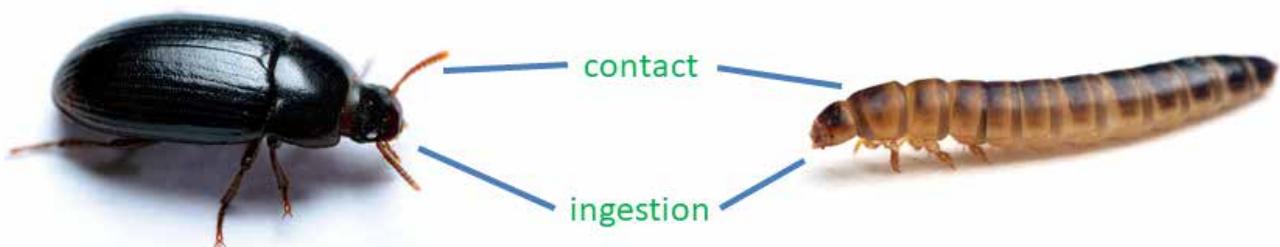
Spinaflex boasts greater flexibility when treating house fly infestations in intensive farm situations (poultry, beef, dairy, and horse premises) with two treatment methods:

1. Residual Surface Treatment

Sundew Spinaflex insecticide can be applied as a standard residual treatment over surfaces where flies are observed to feed and rest. It is mixed at a rate of 6 mL per 1 L water which is then provides 12 square metres of coverage.

2. Baiting Surface Treatment

A world first product development is the flexibility to turn Spinaflex insecticide into a very efficient fly bait. With the clever addition of 10 grams of sugar per 1 litre of spray mix (6 mL Spinaflex + 1 L water + 10 gram sugar) you create an enhanced bait solution.



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

Sundew continues to lead innovation in pest management for the Australian intensive farming industry with the introduction of **Spinaflex** – the world's first 133 g/L spinosad suspension concentrate formulation. This breakthrough, approved in 2022, reinforces Sundew's long-standing commitment to supporting poultry growers with effective, targeted solutions. Since 2013, Sundew has delivered a series of firsts: the industry's first 125 g/L betacyfluthrin SC (**BeetleBETA**®), the higher rate **BeetleBETA** for severe infestations (2014), the world's first dual-active, dual-mode of action **LarvaBETA**® (2018), and the first industrial-strength litter beetle dusting powder (**Starrdust**®**PRO**) for structural treatment (2019). **Spinaflex** represents the latest evolution in this legacy, offering a powerful new tool for integrated pest management in high-pressure environments.

® Spinaflex is a registered trade mark of Sundew Solutions Pty Ltd.

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