

Holes for fixing LuciTrap to a tree, fence post or star picket.

LuciTrap has been designed with a flat top because sheep blow-flies prefer to land on a flat surface.

Entrance cones of a specific angle and aperture size allow *Lucilia cuprina* to readily enter but find it very difficult to leave. Larger fly species cannot enter the trap, while smaller species of flies can enter and leave.

Removable lids allow stacking of LuciTraps for transport. Lids must be fitted when LuciTrap is in use to ensure LuciLure® attractant escapes only through entrance cones.

Trap top fixes to bucket base with reliable twist and lock design. Bucket base can be removed to empty dead flies.

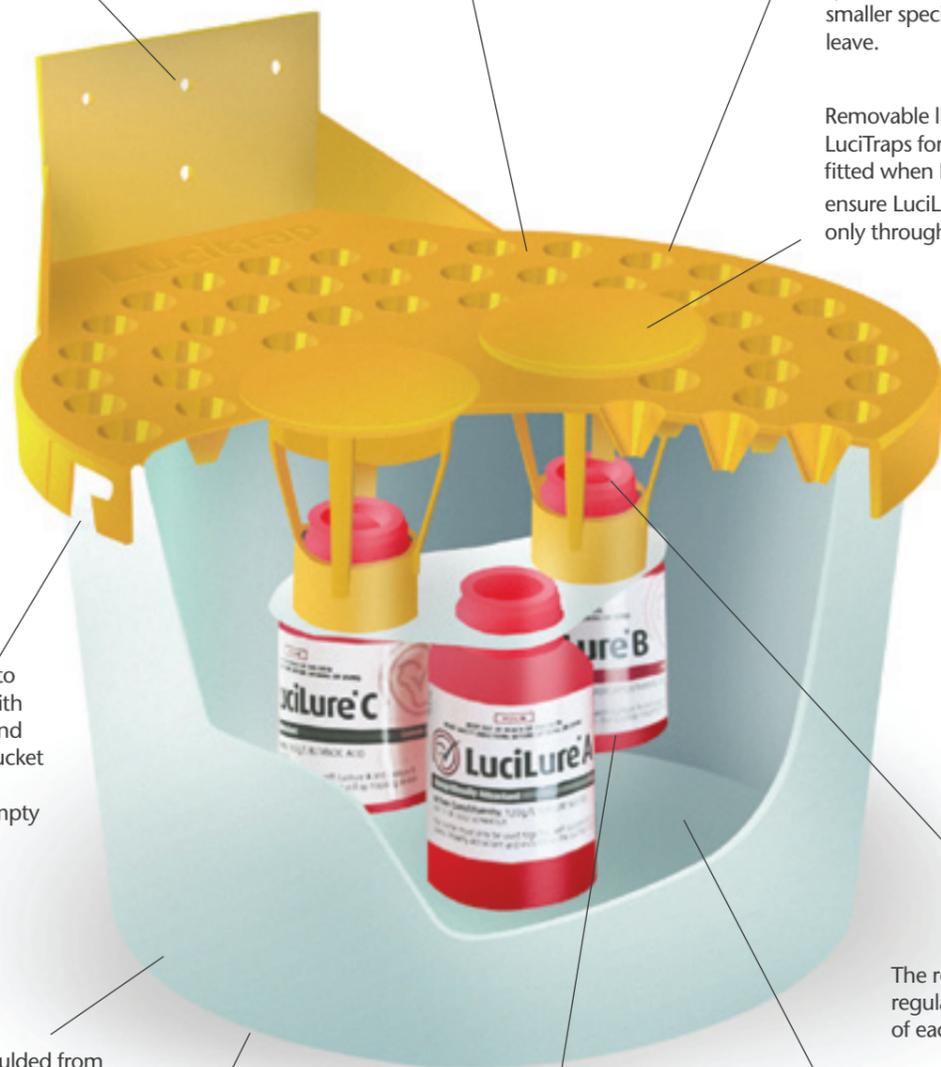
LuciTrap is moulded from tough UV stabilised plastic and is designed to last from two to four years in the field, depending on conditions.

Drainage holes in base of trap.

Brackets hold noggles of LuciLure® A and LuciLure® B attractant. When the bottles are uncapped the potent mix can escape only via the entry cones through which the blowflies are lured.

The release rate of LuciLure is regulated by wicks in the top of each bottle.

No insecticides are required to kill the blowflies in the LuciTrap. Flies simply die of dehydration or starvation.



LuciLure® Sheep Blowfly Attractant

Why use LuciLure®

Flystrike dramatically affects the quantity and quality of wool harvested in Australia.

The Australian Sheep Blowfly, *Lucilia cuprina*, is responsible for 95% of strike. LuciLure® tackles the problem of flystrike head on by reducing sheep blowfly numbers. Used as a part of your overall control strategy, LuciLure® will decrease reliance on costly and time consuming flystrike treatments, saving time and money.

For the management of Australian Sheep Blowflies and effective reduction of flystrike

- ✓ Traps the Australian Sheep Blowfly, *Lucilia Cuprina*
- ✓ Proven to reduce fly populations and incidence of strike
- ✓ Minimises the need for chemical treatments
- ✓ Low maintenance
- ✓ Designed and made in Australia for Australian conditions

“Our mission is to provide sustainable and innovative insect management solutions to protect our community, environment, food and animals.”

Product developed and manufactured by

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What makes LuciLure® different

Because *Lucilia cuprina* is a relatively sedentary species, travelling an average of only four kilometres during its lifetime, it is possible to reduce the populations within a given area using a system of traps. LuciLure® has been designed for just this purpose. Many farmers already produce their own traps, using a carcass as an attractant and insecticide to kill flies. While these do produce results, they rely on dangerous chemicals, are relatively difficult to set up and dispose of, and kill many beneficial species of fly. Additionally, *Lucilia cuprina* has shown an alarming ability to develop resistance to a range of insecticides, which is why LuciLure® was devised as an effective long-term system of lowering sheep blowfly numbers.

How does LuciLure® work?

LuciLure® uses a patented combination of trap and lure to eliminate sheep blowflies. LuciLure®'s special liquid attractant, contained in bottles within the trap, is irresistible to *Lucilia cuprina*. Once attracted by the trap, sheep blowflies enter through a number of one-way cones, where they ultimately die of dehydration.

Safe and easy to use

LuciLure® does not contain any harmful pesticides. LuciLure®'s chemical attractants are packaged in easily exchangeable sealed bottles. These are designed to resist spillage and with no pouring of chemicals required, LuciLure® is simple to set up.

LuciLure® is also self-cleaning

Small holes in the base of the trap allow ants to access the blowflies inside. This eliminates the need to regularly empty the traps and means they only need to be maintained once a season.

Benefits of LuciLure®

- ✓ Powerful – Proven to reduce fly populations and the incidence of strike
- ✓ Effective – Each pack of 6 traps is effective or up to 600 sheep
- ✓ Convenient – Low maintenance and cost effective application to minimises the need for chemical treatments
- ✓ Strategic – Leaves beneficial flies to help reduce sheep blowfly numbers
- ✓ Economical – Lasts around 6 months without refilling
- ✓ User Friendly – Easy to set up

Breaking the lifecycle

LuciLure® reduces *Lucilia cuprina*'s numbers by intercepting and trapping the sheep blowfly at the two prime stages of its lifecycle.

- When the female is searching for protein essential for egg development
- When the female is looking for an egg-laying site

By trapping and killing at these stages LuciLure® breaks the breeding cycle and reduces the size of the fly population.

Protecting beneficial blowflies

LuciLure®'s selective trapping system means that flies which are either smaller or larger than *Lucilia cuprina* are not trapped. This is an important consideration in managing blowfly populations, as other non-damaging species of blowfly actually compete with and even suppress *Lucilia* numbers. *Chrysomya rufifacies*, for example, can attack and devour maggots of *Lucilia cuprina*, and as such is considered a beneficial blowfly. By killing various other fly species, non-selective traps eliminate a very effective natural control over blowfly numbers.

Get LuciTraps Out Early



Lucilia cuprina populations begin to rise, depending on the district, in late winter or early spring. It is important to be able to anticipate this first rise in sheep blowfly numbers. This is usually well before the time when the sheep become vulnerable to flystrike. At this time *Lucilia cuprina* populations are at their lowest for the season and the LuciLure system is at its most effective.

In central inland Queensland, where blowflies are active to some degree even in winter, trapping should begin at the latest in August.

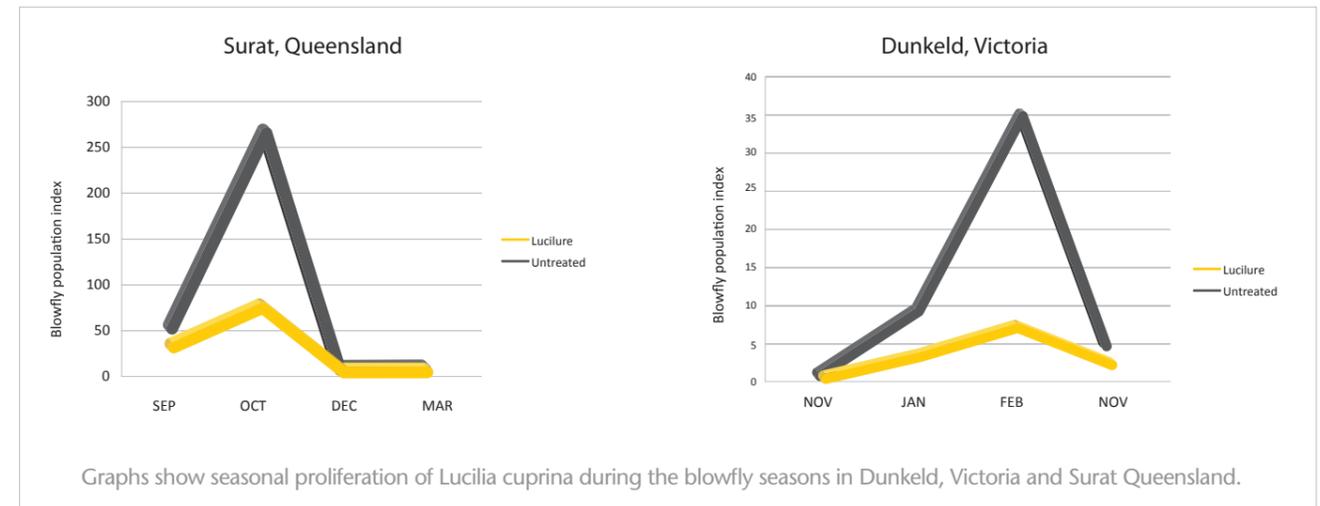
Placement of LuciTraps

LuciTraps should be located strategically on your property in areas where sheep blowflies are most likely to occur - along water courses, near dams, tree lines, yards, sheep camps, shearing sheds and rubbish dumps. Any traps not catching flies should be moved to better locations.

To protect susceptible sheep during times of high risk of strike, it is advisable to concentrate LuciTraps in paddocks carrying the susceptible sheep.

Rate

Use at the rate of at least 1 LuciTrap per 100 sheep.



The LuciLure® system should be in use at least one month before you would anticipate the flies in your district becoming active. Do not wait until signs of flystrike in your flock.

