

Gudair

- ✓ Highly effective Johne's Disease control
- ✓ Cost effective
- ✓ One shot for life



For further information on Johne's Disease vaccination, talk to your veterinarian.



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Pfizer Animal Health

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Gudair®

One shot protection from
Ovine Johne's Disease.



Animal Health

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Johne's Disease

Johne's disease affects up to 70% of New Zealand's sheep flocks. On many farms the disease causes significant losses with high numbers of ewe deaths every year.

Johne's disease is caused by a bacteria which infects lambs during suckling or grazing. The disease is slow to develop and is normally not seen until at least 2 years of age. The bacteria causes chronic damage to the lining of the gut, eventually resulting in malnourishment and weight loss. The clinical signs are **fading ewes**, which die in spite of drench or other treatments, or unacceptably **high death rates** in the ewes every year. Often the ewes die during pregnancy, increasing the financial impact through the loss of the lamb.



Gudair® – one shot for life

HIGHLY EFFECTIVE – DUAL ACTION

PREVENTS Johne's DEATHS

Gudair has been extensively trialled and proven to reduce Johne's **deaths** by at least 90% in field trials.

REDUCES SHEDDING AND TRANSMISSION

Gudair reduces the **shedding** of Johne's bacteria in the faeces of infected animals by at least 90 %, thereby reducing disease transmission and new infections.

Field experience in NZ and Australia shows that Johne's losses become insignificant in vaccinated stock.

Cost effective

If you are experiencing annual Johne's disease losses of 1% or greater, then you can expect a positive return on investment from vaccination of replacement lambs or hoggets. The greater the losses, the greater the return from vaccination.

One shot for life

A single vaccination is all that is required for the lifetime of the animal. No boosters or annual revaccination required.

Safe and effective Gudair vaccination

Ensure sheep are securely restrained and avoid self injection.

Inject 1 mL, under the skin in the neck behind the ear.

It is recommended that sheep are vaccinated as soon as possible after replacements have been selected.*

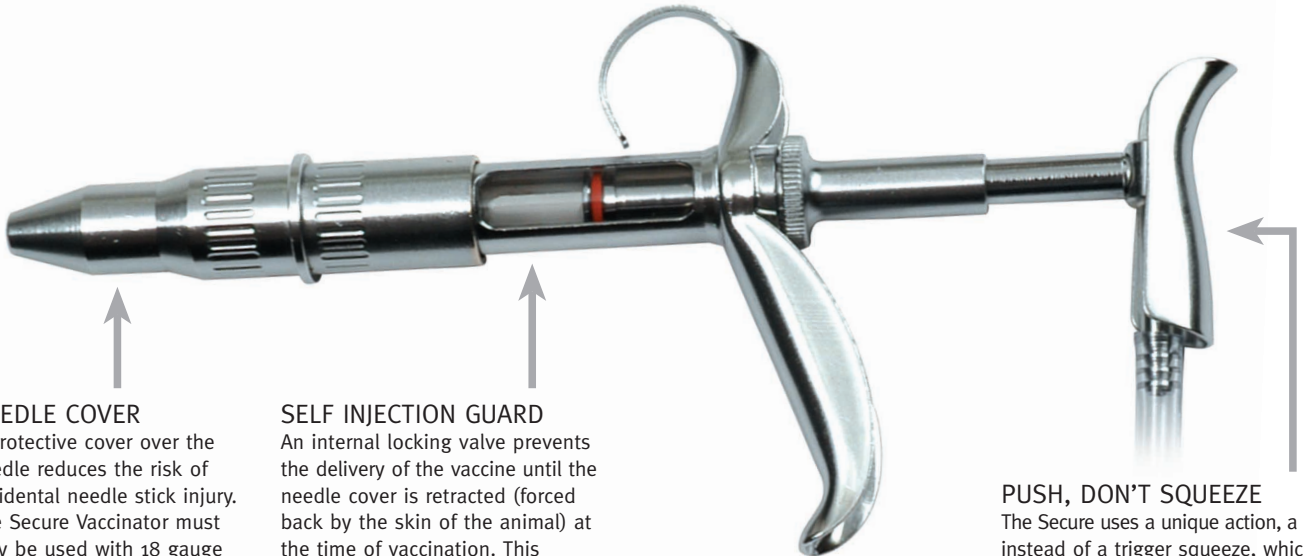
Earmark vaccinated animals using the approved Johne's Vaccination Earmark. Earmarking pliers are available from your veterinarian.

Secure Vaccinator

The Secure Vaccinator has been developed to increase user safety when injecting 1 mL fixed dose vaccines such as Gudair.



* Gudair can be used in sheep from one month of age. Studies show vaccination at 8 months of age to be as effective as vaccination at 3 months of age, however delaying vaccination until 2 years of age may result in reduced efficacy in preventing Johne's disease deaths.



NEEDLE COVER

A protective cover over the needle reduces the risk of accidental needle stick injury. The Secure Vaccinator must only be used with 18 gauge half inch needles.

SELF INJECTION GUARD

An internal locking valve prevents the delivery of the vaccine until the needle cover is retracted (forced back by the skin of the animal) at the time of vaccination. This significantly reduces the risk of accidental self injection.

PUSH, DON'T SQUEEZE

The Secure uses a unique action, a push instead of a trigger squeeze, which makes it very easy to use.

Important information for operator safety

Gudair is a killed vaccine with a mineral oil base. The oil base is irritant and self injection can cause severe persistent reactions in people. Avoid contact with the eyes, mouth and skin and avoid accidental needle scratch or self injection. Adequate restraint of the sheep and careful, patient administration are required. Use of the Secure™ Vaccinator is recommended. Remove vaccination needles with pliers.

In case of accidental self injection

Allow the wound to bleed freely. Do not squeeze or interfere with the injection site. Clean the wound thoroughly with soap and water. Keep the wound clean and dry. Consult a doctor immediately.

Further information is available from Poisons Information Centre on 0800 POISON (0800 764 766) or Pfizer Animal Health on 0800 650 277 (Business Hours).

Gudair vaccination is highly effective. Potential hazards associated with vaccination can be easily managed and a positive return on investment is expected in flocks experiencing 1% losses or greater.

Important information for sheep farmers

Vaccinated sheep will normally develop a firm swelling or nodule at the injection site. If sent to slaughter trimming of injection site may be required. Potential costs associated with vaccination reactions can be minimised as follows:

✓ Only vaccinate replacement lambs or hoggets

This not only reduces the up front cost of vaccination, it also means that any trimming required will be of chronic lesions in lower value cull ewe carcasses.

✓ Ensure optimum vaccination technique

- Ensure sheep are **adequately restrained**.
- **Be patient**, take your time to carefully administer the vaccine.
- **Inject high in the neck below the ear**.
- Ensure that the injection is **under the skin** and **not into the muscle**.
- Maintain **cleanliness** at all times.
- Do not vaccinate **wet or dirty** sheep.
- Use **clean sharp needles** and **change needles frequently**.
- **Antiseptics** may be used on the skin.