

## VACCINATION IS THE SMART OPTION

- OJD isn't often diagnosed until a significant proportion of the flock is already infected and deaths are occurring
- Sheep may actively expel or shed OJD bacteria despite not showing clinical signs
- Sheep can become infected with OJD at any age, but most commonly as lambs or weaners

### LEAVING WETHERS UNVACCINATED MAY INCREASE OJD CONTAMINATION<sup>1</sup>

#### In 6 self-replacing merino flocks:

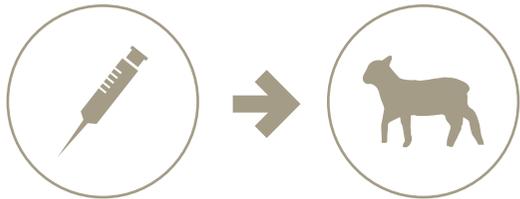
Over 40% of the unvaccinated wethers were actively shedding OJD bacteria proving that vaccination of the entire flock is essential to prevent the spread of OJD.

### OJD can have a devastating effect on a flock and its productivity, including:<sup>2</sup>

- Economic losses
- Production losses
- Increased mortality rates
- Reduced trading options

Once an OJD infection is established within a flock, it takes many years to recover

### Vaccinating with Gudair can help you increase profitability at market



Cost of \$2.47 per dose\*

Gudair vaccinated sheep have attracted up to **\$40 price premium per head** at market in the past<sup>3</sup>

### THERE IS A 20% SAVING PER DOSE WHEN BUYING THE 250 ML PACK VS. THE 100 ML PACK

\*Based on RRP of 250 mL pack, excluding GST

### TO FURTHER PREVENT THE SPREAD OF OJD AND PROTECT YOUR FLOCK, USE GUDAIR IN COMBINATION WITH RISK MANAGEMENT TOOLS:



- 1 Enforce an on-farm biosecurity plan to reduce the risk of introducing disease. If applicable, also incorporate your Regional Biosecurity Plan
- 2 Always demand a Sheep Health Statement (SHS) when buying sheep
- 3 Join SheepMAP and promote your negative OJD status when selling sheep

### ALWAYS USE THE SEKURUS SAFETY VACCINATOR



Its unique safety features minimise the risk of self-injection

FOR ANY FURTHER QUESTIONS PLEASE CALL ZOETIS VETERINARY MEDICINES, INFORMATION AND PRODUCT SUPPORT ON **1800 814 883** OR ASK YOUR **LOCAL ZOETIS SHEEP EXPERT**

References: 1. Epplestone J *et al.* *Aust Vet J* 2011;89:38-40. 2. Meat & Livestock Australia. *The economic impact of OJD infection on sheep farms.* November 2005. 3. Sims T. *OJD Jab Nets Premium.* Stock & Land. January 20, 2011.



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## PROTECTING YOUR SHEEP FROM OVINE JOHNE'S DISEASE (OJD)



A PRACTICAL GUIDE TO VACCINATING WITH GUDAIR®

ZOETIS LEADING INNOVATION IN ANIMAL HEALTH FOR OVER 75 YEARS

# VACCINATING YOUR LAMBS WITH GUDAIR EVERY YEAR AT MARKING IS THE BEST PROTECTION FROM OJD

## VACCINATING WITH GUDAIR

### Which animals should be vaccinated?

ALL LAMBS BETWEEN  
4 AND 16 WEEKS,  
IDEALLY AT MARKING



PREVIOUSLY  
UNVACCINATED SHEEP,  
INCLUDING WETHERS



Each cohort of lambs needs to be vaccinated for ongoing disease protection

### Administration

- One 1 mL dose provides **lifetime protection** from OJD – no booster is required
- Administer Gudair subcutaneously (under the skin) high on the neck behind the ear to reduce the incidence of injection-site reactions (away from valuable meat cuts)



## STORAGE

- Store in a refrigerator and do not expose to direct sunlight
- Prior to use, allow the vaccine to reach room temperature to assist draw-up of the vaccine through the vaccinator
- Gudair can be used for up to 30 days after opening, provided storage instructions are followed

## COMMON RESPONSES TO VACCINATION

### Nodules

- Most sheep will have a palpable nodule within 7 to 15 days after vaccination, which generally decreases in size over several months

### Abscesses

- In a small number of sheep the injection site may develop into an abscess and rupture. Correct vaccine administration will minimise this risk
- Consider using a preventative treatment to minimise the risk of fly strike
- Correct placement of the vaccine under the skin will help to reduce injection site reactions

### Existing OJD infection

- If OJD is already present within the flock, larger nodules and greater involvement of lymph nodes can occur after vaccination

### Tips to help reduce the risk of site reactions in sheep:

- ✓ Use the Sekurus vaccinator
- ✓ Always use the recommended injection site using 6 mm or 1/4 inch needle for lambs and 12 mm or 1/2 inch needle for sheep in wool
- ✓ Restrain animals adequately during vaccination
- ✓ Do one operation at a time and have regular rest breaks
- ✓ Ensure equipment is clean and regularly change needles
- ✓ Ensure Gudair is given on the opposite side of the neck if giving other vaccinations
- ✓ Check the flock regularly after vaccination to monitor for abscesses leading to potential fly strike and use fly preventative treatments if at risk

### Tips on responsible use:

- ✓ Use proper animal restraints, especially for older sheep
- ✓ Vaccinate one sheep at a time
- ✓ Keep control of the vaccinator. Do not let it hang freely
- ✓ Remove needles with pliers and dispose of them in appropriate containers

We recommend that you use the Sekurus vaccinator to administer Gudair, because its unique safety features minimise the risk of self-injection



### IF YOU ACCIDENTALLY INJECT YOURSELF WITH GUDAIR:

- See your GP immediately, even if only a very small amount is injected, and take the Gudair carton and package insert with you
- 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
- If pain persists after medical examination, seek medical advice again
- Check your tetanus immunisation status and, if necessary, have tetanus shot(s)
- Contact Zoetis Veterinary Medicines, Information and Product Support on **1800 814 883**

For more information on treatment call the Poisons Information Centre on 13 11 26.

### IF YOU GET A NEEDLE SCRATCH OR SKIN EXPOSURE:

#### If your skin is unbroken

- Wash the area thoroughly with soap and water

#### If your skin is broken

- See a doctor immediately, taking the package insert and carton with you
- Wash the area thoroughly with soap and water
- Apply a disinfectant solution, recommended for humans

#### If you have a superficial needle-scratch

- See a doctor immediately, taking the package insert and carton with you
- Treat as for broken skin

#### If the area of skin becomes inflamed

- See a doctor immediately and take the package insert and carton with you

#### If Gudair vaccine gets into your eyes or mouth:

- Rinse the exposed area thoroughly with tap water
- See a doctor immediately and take the package insert and carton with you if irritation or discomfort persists