# ONE SHOT

## TO CATCH A KILLER



THE UK'S
ONLY
VACCINE FOR
JOHNE'S DISEASE
IN SHEEP & GOATS




## ONE SHOT TO CONTROL JOHNE'S DISEASE

**SPEAK TO YOUR VET** | **ABOUT VACCINATING AGAINST OJD**

**Shaping** the future of **animal health**

Virbac

# OVINE JOHNE'S DISEASE

# THE 'SILENT KILLER'

## WHAT IS JOHNE'S DISEASE?

- ⚠ Chronic wasting disease - animals are unable to absorb nutrients and essentially starve to death
- ⚠ Sheep and goats can be infected at birth
- ⚠ Clinical signs not apparent until 2-4 years of age
- ⚠ **Caused by bacteria *Mycobacterium avium* subsp *paratuberculosis* (MAP)**
- ⚠ **One clinically infected animal can shed 1 billion MAP per gram of faeces**

## WHAT CAN I DO IF MY FLOCK IS INFECTED?

THERE IS **NO TREATMENT FOR OJD**, ERADICATION IS ALMOST IMPOSSIBLE

**VACCINATE TO REDUCE MAP IN FAECES - A HIGHLY EFFECTIVE WAY OF CONTROLLING OJD[3]**

## WHY SHOULD I BE CONCERNED ABOUT OJD?

**64%** **OF SHEEP FLOCKS TESTED WERE POSITIVE FOR JOHNE'S[1]**

- ⚠ Only a few animals show clinical signs - the MAJORITY OF THE FLOCK IS LIKELY TO BE INFECTED
- ⚠ SIGNIFICANT IMPACT ON PROFITABILITY[2]:
  - Shorter productive life
  - Sheep can die from 2 years of age
  - Higher replacement costs
  - Reduced lambing %, rearing % and finishing %
  - Reduced cull ewe value
  - Increased feed and medicine costs

## WHAT ARE THE CLINICAL SIGNS OF INFECTION?

- ⚠ Thin but bright ewes, with no rumen fill
- ⚠ Reduced lambing and rearing %
- ⚠ Early mortality
- ⚠ Lack of response to flukicides/wormers
- ⚠ Scouring in very late stages of infection
- ⚠ Eventually animals cannot stand



OJD IS RESPONSIBLE FOR SIGNIFICANT ECONOMIC LOSS AND IS BECOMING AN INCREASING THREAT TO UK FLOCKS.

## ON INFECTED FARMS, VACCINATION HAS BEEN SHOWN TO[2]:

- REDUCE MORTALITY BY **90%**
- DELAYS SHEDDING **18 MONTHS**
- REDUCE BACTERIA SHED BY **90%**

## WHAT ARE THE BENEFITS OF VACCINATION?

- REDUCE CLINICAL DISEASE AND SPREAD OF INFECTION
- LIMIT IMPACT ON PRODUCTIVITY
- PART OF A LONG TERM CONTROL PLAN FOR FLOCKS WITH OJD



**IDEALLY ONLY BUY ANIMALS FROM AN OJD FREE FLOCK OR VACCINATED AGAINST OJD**




## VACCINATION SIGNIFICANTLY REDUCES THE IMPACT OF OJD IN INFECTED FLOCKS

## SPEAK TO YOUR VET ABOUT VACCINATING AGAINST OJD


1. Davies (2018) 'Iceberg' infectious disease of sheep. SHAWG conference, Tamworth. 2. Reddacliff, A. (2005) Field evaluation of OJD control using Gudair. Meat and Livestock Australia, Project Number OJD.009, ISBN 1 74036 651 4. 3. Juste, R.A. and Perez, V., (2011) Control of paratuberculosis in sheep and goats. Vet. Clin. North Am. Food Anim.Pract. 27, 127–138. Photos reproduced with the kind permission of NADIS.


GUDAIR® emulsion for injection for sheep and goats. Indication(s): For the active immunisation of sheep and goats against *M. avium* subsp.*Paratuberculosis* infection, as an aid in the control of Johne's disease in those species.

For further information consult the SPC or contact: Virbac Ltd. Woolpit Business Park, Windmill Avenue, Woolpit, Bury St. Edmunds, Suffolk IP30 9UP.
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