

# biosecurity checklist for key livestock diseases

## BIOSECURITY big 5

1

### Livestock movement

This is the most likely route for introducing disease. Run closed herds and flocks, otherwise buy from accredited schemes or trusted sources

2

### Quarantine

Always keep introduced animals isolated. Ensure best practice quarantine conditions and check quarantine periods for key diseases

3

### Diagnostic tests and preventative vaccines

Use these whenever recommended as knowing disease status is important and prevention is better than cure

4

### Hygiene

Practice good hygiene including the use of effective disinfectants. Provision of good environmental conditions will lead to reduced risk of infection

5

### Health Plans

Improve disease prevention and control by developing flock and herd health plans in consultation with your vet. Use and update them regularly



CLEAN AREA  
BEYOND THIS POINT.



More dun Research Institute

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Bush Loan,

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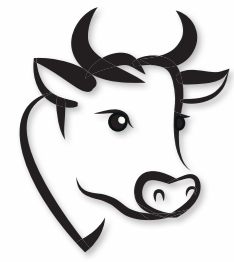
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[www.moredun.org.uk](http://www.moredun.org.uk)




# biosecurity checklist

## for key livestock diseases



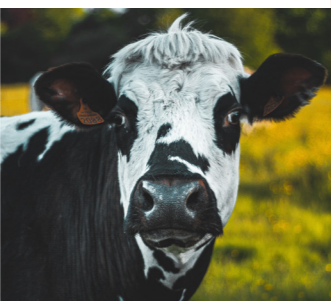
**Bovine Tuberculosis (TB)**

- Notifiable disease
- Compulsory
- Until test results confirm clear




**Bovine Viral Diarrhoea (BVD)**

- Eradication, Scotland
- Accredited rest of UK
- Until test results known



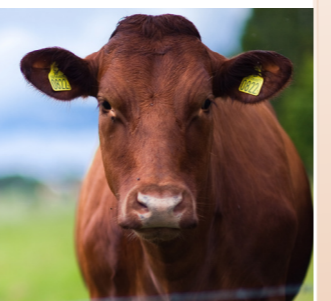
**Infectious Bovine Rhinotracheitis (IBR)**

- Accreditation (CHECS)
- 2-3 weeks




**Leptospirosis**

- Accreditation (CHECS)
- Until test results are known



**Neosporosis**

- Accreditation (CHECS)



key

- Accreditation or official control
- Diagnostic/testing advised
- Quarantine and time
- Vaccine available
- Disinfection - premises etc
- Best practice guidelines
- Transmissible to humans
- Treatment


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- Health Plans**  
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**Caseous Lymphadenitis (CLA)**

- Flock/group basis
- Until test results known
- Low risk of infection



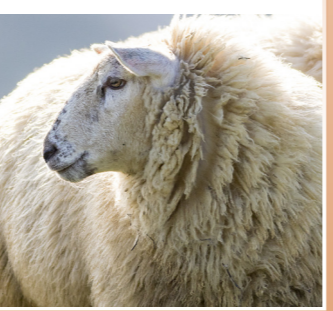
**Enzootic Abortion of Ewes (EAE)**

- Accreditation (SRUC)
- On abortion
- Risk to pregnant women




**Maedi-Visna (MVV)**

- Accreditation (SRUC)
- 6 months (2 negative blood tests)




**Orf**

- Confirmatory only
- 2-6 weeks
- Live vaccine




**Ovine Pulmonary Adenocarcinoma (OPA or Jaagsiekte)**

- FAM, Virkon®



**Sheep scab**

- Notifiable, Scotland
- 2 weeks minimum



**Toxoplasmosis**

- Risk to pregnant women




**Cryptosporidiosis**

- Calves/lambs 2-3 weeks



**Gastro-intestinal worms and Lungworm**

- Yard 48 hrs post anthelmintic treatment and keep separate for 3 weeks
- Lungworm only. Not protected for 6 weeks after 1st vaccine




**Johne's Disease**

- Accreditation (CHECS)
- Until test results known
- Sheep & goats. Limited use cattle



**Liver Fluke**

- 3 weeks post treatment




**Mastitis**

- For *Staph aureus* and *Strep agalactiae* only. No specific time advised
- Cattle only for *E. coli* and *Staph aureus*



**Tick-borne Diseases**

- 3 weeks
- Treatment to control ticks (not the disease)



**Q-fever**

- 3-4 weeks for replacement animals
- Coxevac® for goats and cattle in UK

