

### Foot and Mouth Disease for Agricultural Shows



#### FOOT-AND-MOUTH DISEASE (FMD) FACTSHEET

For Agricultural Shows in the Western Cape – June 2025

##### 1. WHAT IS FOOT-AND-MOUTH DISEASE?

Foot-and-mouth disease (FMD) is a **highly contagious viral illness** affecting cloven-hoofed animals like cattle, sheep, goats, and pigs. It causes:

- Painful blisters in the mouth and around the hooves
- Lameness and drooling
- Reduced appetite and movement
- Long-term economic losses
- National trade restrictions

##### 2. INCUBATION AND RISK

- **Incubation period:** 2-14 days — animals can appear healthy but still be infectious.
- The disease spreads quickly via **animal movement, contaminated clothing and equipment, and transport vehicles.**
- **Outbreaks have been confirmed recently** in KwaZulu-Natal, Gauteng, and Mpumalanga.
- **The Western Cape remains FMD-free** — we must keep it that way.

##### 3. LEGAL AND BIOSECURITY REQUIREMENTS FOR AGRICULTURAL SHOWS

To protect our province and participants, **strict compliance is required.**

###### 3.1 BEFORE THE SHOW

###### a) Origin/Owner Declaration Form

- Every animal must be accompanied by this form indicating its origin and health status.
- Available on the Elsenburg Animal Health page:  
[www.elsenburg.com/veterinary-services/animal-health-and-disease-control/#Situation](http://www.elsenburg.com/veterinary-services/animal-health-and-disease-control/#Situation)

###### b) Veterinary Certificate (strongly recommended)

- Issued by a private veterinarian confirming the animals are clinically healthy.
- Template available online.

### Foot and Mouth Disease for Agricultural Shows

#### c) Avoid high-risk animals

- Do not bring animals from restricted or outbreak areas (e.g. in KZN, MP, GP). You will be held liable under the Animal Diseases Act if you spread disease.

#### 3.2 DURING THE SHOW

- No contact between animals from different farms.**
- Avoid shared handling of animals by people from different farms.
- Provide **footbaths and disinfectant stations** (disinfectant list below) for people and equipment.
- Disinfect tools, pens, and vehicles regularly.

#### 3.3 AFTER THE SHOW

##### a) Buyer/Destination Declaration Form

- Animals leaving the show must be accompanied by this form signed by the receiving party, stating that the mandatory 28-day quarantine will be observed.

##### b) Mandatory 28-Day Quarantine

- All animals must be **isolated for 28 days** on return or arrival at a new farm, regardless of veterinary clearance.
- This has been a **legal requirement since October 2022**.
- You will be held liable under the Animal Diseases Act if you spread disease.

##### c) Clean and Disinfect

- All vehicles, equipment, and trailers used at the show must be disinfected before returning to the farm.

#### 4. IF YOU SUSPECT FMD

- Immediately report any suspicion** (excessive salivation, mouth blisters, lameness) to your local **State Veterinarian**.
- Do **not move the animal** or allow further contact.
- Contact details for all state veterinary offices are available at: [www.elsenburg.com](http://www.elsenburg.com)

#### 5. SUMMARY OF YOUR RESPONSIBILITIES

| Stakeholder     | Key Responsibilities                                                                            |
|-----------------|-------------------------------------------------------------------------------------------------|
| Show organisers | Ensure forms are submitted, pens are managed, and hygiene is enforced.                          |
| Animal owners   | Bring healthy animals, provide documentation, isolate animals post-show, avoid risky purchases. |
| Buyers          | Agree to quarantine new animals and monitor for symptoms.                                       |

#### NOTE:

FMD is not just an agricultural concern — it's a **national biosecurity issue**. Let's work together to keep our province free from disease.

#### 6. DISINFECTANTS EFFECTIVE AGAINST FOOT-AND-MOUTH DISEASE VIRUS

| Active Ingredient | Trade/common name example | Concentration for FMDV (%) | Contact time (minutes) | Important to note                                          |
|-------------------|---------------------------|----------------------------|------------------------|------------------------------------------------------------|
| Sodium hydroxide  | Caustic soda              | 2                          | 10                     | Add powder to water and not water to powder.<br>Corrosive. |
| Sodium carbonate  | Soda ash                  | 4                          | 10                     | Mildly corrosive.                                          |

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| Active Ingredient             | Trade/common name example                                         | Concentration for FMDV (%) | Contact time (minutes)                                   | Important to note                                                         |
|-------------------------------|-------------------------------------------------------------------|----------------------------|----------------------------------------------------------|---------------------------------------------------------------------------|
| Citric acid                   |                                                                   | 3                          | Porous surfaces: 30 min.<br>Non-porous surfaces: 15 min  | Clean well before applying.                                               |
| Acetic acid                   | Household vinegar (4-8% acetic acid)                              | 2                          | 10                                                       | Clean well before applying.                                               |
| Sodium hypochlorite (NaClO)   | Household bleach (approx. 3% sodium hypochlorite in South Africa) | 0.3                        | Porous surfaces: 30 min.<br>Non-porous surfaces: 15 min. | Use immediately after mixing the solution. Add NaClO to water. Corrosive. |
| Potassium peroxymono-sulphate | Virkon S                                                          | 1                          | 10                                                       |                                                                           |

#### CONTACT US: VETERINARY SERVICES

##### State Veterinarian: George

044-803-3771/0  
Ms Shirelle Strydom (Admin Clerk)  
Dr Leana Janse van Rensburg  
083 797 0010

##### State Veterinarian: Boland

021-808-5028/5253  
Ms Renee Jack (Admin Clerk)  
Dr Vivien Malan  
082 228 9076

##### State Veterinarian: Swellendam

021-808-5059/028-425-4850  
Mr Bidwell Gelwana (Admin Clerk)  
Dr Christi Kloppers  
083 641 5163

##### State Veterinarian: Beaufort West

023-414-9220/1  
Ms Chriszelda Mtwalo (Admin Clerk)  
Mr Anton Barnard (Acting)  
082 805 9757

##### State Veterinarian: Vredendal

027-201-3514/0  
Ms Deidre Daniels (Admin Clerk)  
Dr Chanel Lombard  
027-201-3510

##### State Veterinarian: Malmesbury

022-482-1380  
Ms Samantha Burger (Admin Clerk)  
Mr Marius Vrey (Control Animal Health Technician)  
083 528 7741

##### State Veterinarian: Oudtshoorn

044-203-9443/5  
Ms Jeoninse Noni (Admin Clerk)  
Dr Cathy Fox  
082 699 6043

##### State Veterinarian: Worcester

021-808-5052  
Mr Daniel Ryan (Admin Clerk)  
Dr Ansulize Pepler  
021-808-5052