

Biosecurity: The Cornerstone of Disease Control

Comprehensive Guidelines for Preventing FMD and Infectious Outbreaks

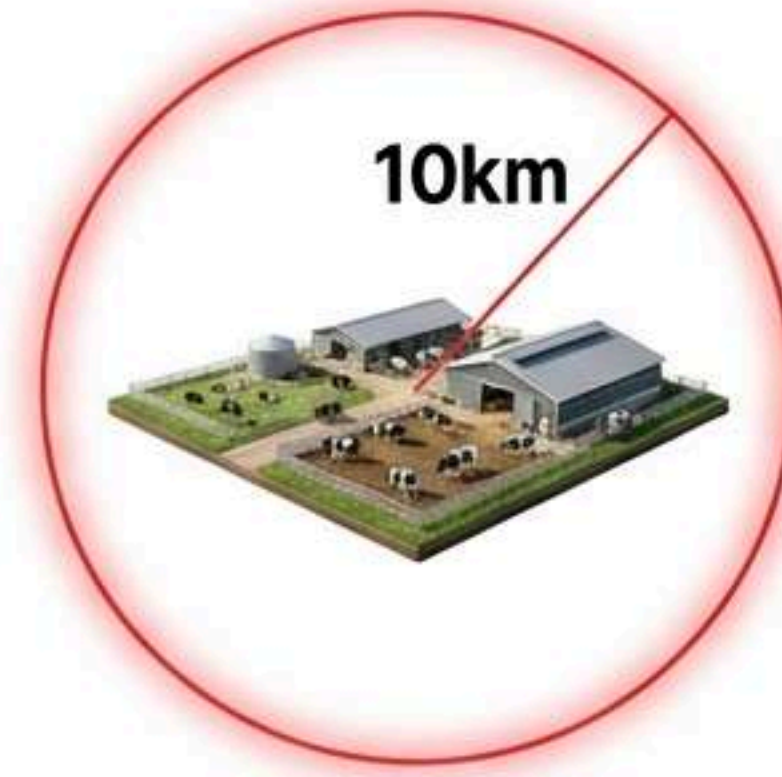


The Threat Landscape: A Permanent Requirement

Biosecurity measures must not be limited to news cycles involving Foot and Mouth Disease Virus (FMDV). They are a permanent requirement for any facility where animals or **animal** products risk spreading infectious organisms.

Critical Contexts

- Farms, Shows
- Auctions
- Abattoirs
- Feedlots



Immediate implementation required within a 10km radius of outbreaks.

**Foot and Mouth Disease Virus,
African Swine Fever Virus,
Avian Influenza,
Newcastle Disease Virus.**

Part of the Solution: F10CL General Farm Disinfectant

Product Profile

A broad-spectrum disinfectant designed, tested, and proven for the safe and effective elimination of FMDV.



Key Attributes

- ✓ Safe to use in the presence of animals
- ✓ Non-corrosive, Non-irritating, Biodegradable
- ✓ Aldehyde & Iodine Free; Chlorine Free
- ✓ Usage: Vehicles, PPE, Foot baths, Troughs, Farm equipment

Trust & Certification



SANS 1828/1853



APVMA
GMP Compliant

The Core Protocol: The Two-Stage Process



Stage 1: Clean & Lower Pathogen Load

Clean with detergent-based F10SCXD to remove organic matter. Rinse clear.

Rinse



Stage 2: High-Level Disinfection

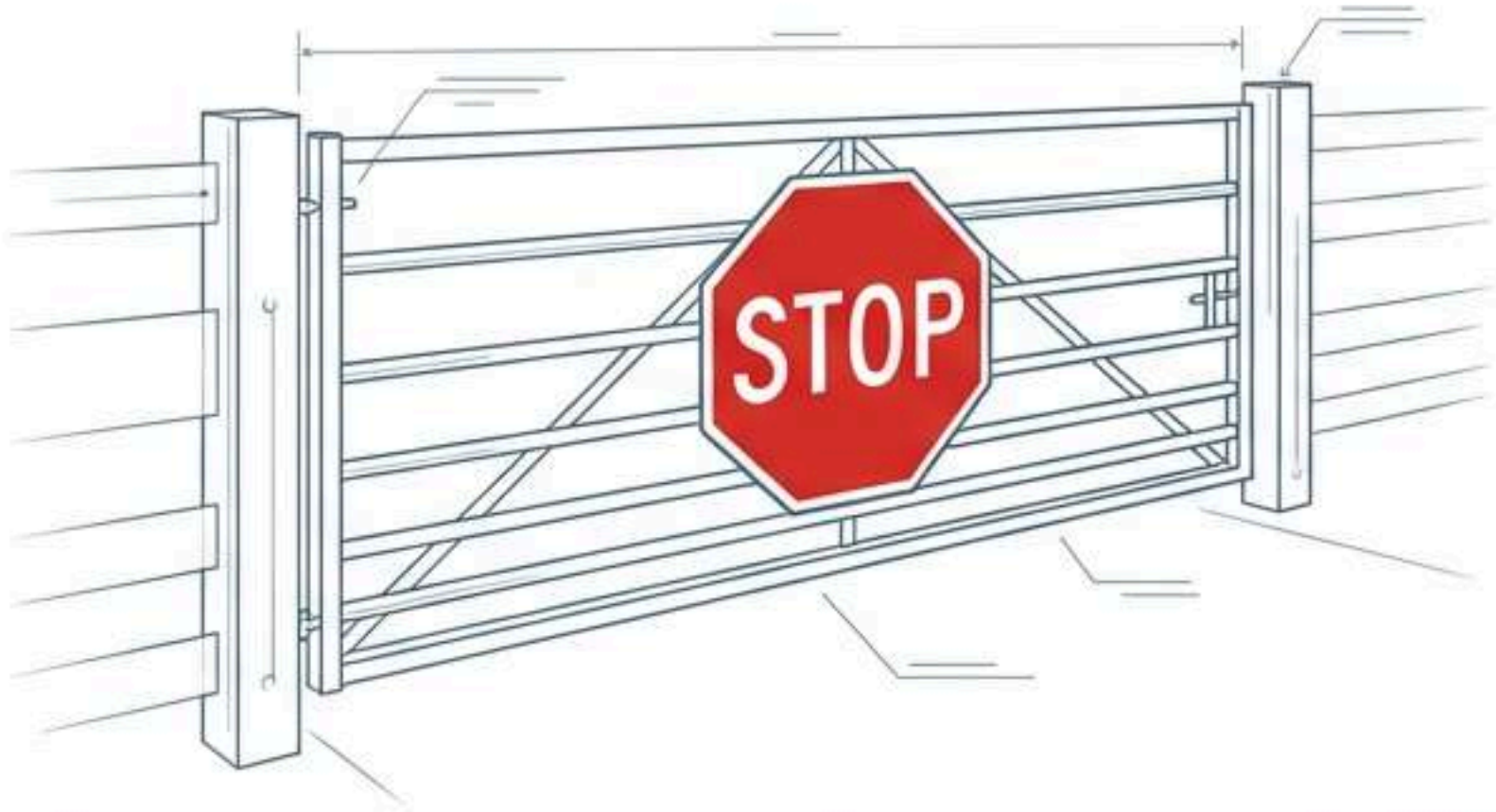
Apply F10CL General Farm Disinfectant. Leave to dry naturally.

DO NOT RINSE 

Supporting Pillar: Biofilm Control

Regular use of F919SC Biofilm Remover ensures effective disinfection.

Zone 1: The Perimeter & Access Control



Gate Rules

- ✓ 1. Reduce access to one single entrance.
- ✓ 2. Maintain a mandatory logbook for ALL visitors.
- ✓ 3. Erect signs instructing visitors to report to the office.
- ✗ 4. Prohibit informal visits by workforce to other farms.

Vehicle Protocol

Use backpack or high pressure washers to apply F10CL to wheels and chassis
Must be done BEFORE entering and BEFORE leaving
Spray sides and bottoms of tires thoroughly

Zone 2: The Human Vector

Farm Personnel



Provide overalls and gumboots
Soak in F10CL Gen Farm
Disinfectant for 30 min
prior to washing.

Hand Hygiene



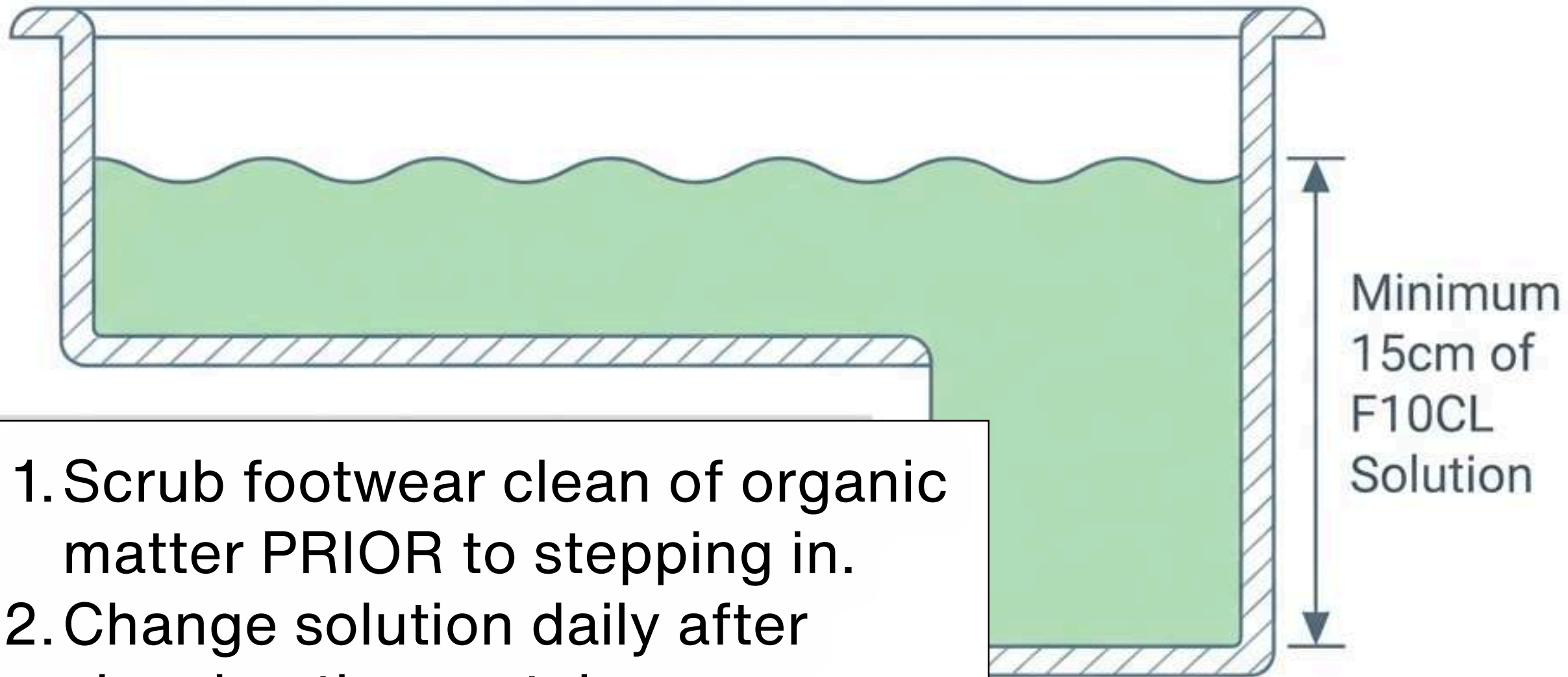
Wash hands with **F10**
Antiseptic Soap. Use **F10** Hand
Gel/Rub if water is unavailable.

Visiting Professionals

Visitor Rule: Do not ~~rely~~
rely on outside gear.
Provide **farm-specific
disinfected overalls and
equipment** for State or
Private Vets.



Zone 3: Foot Bath Protocols



1. Scrub footwear clean of organic matter PRIOR to stepping in.
2. Change solution daily after cleaning the container.
3. Change solution as soon as it becomes visibly contaminated.

Critical Warning

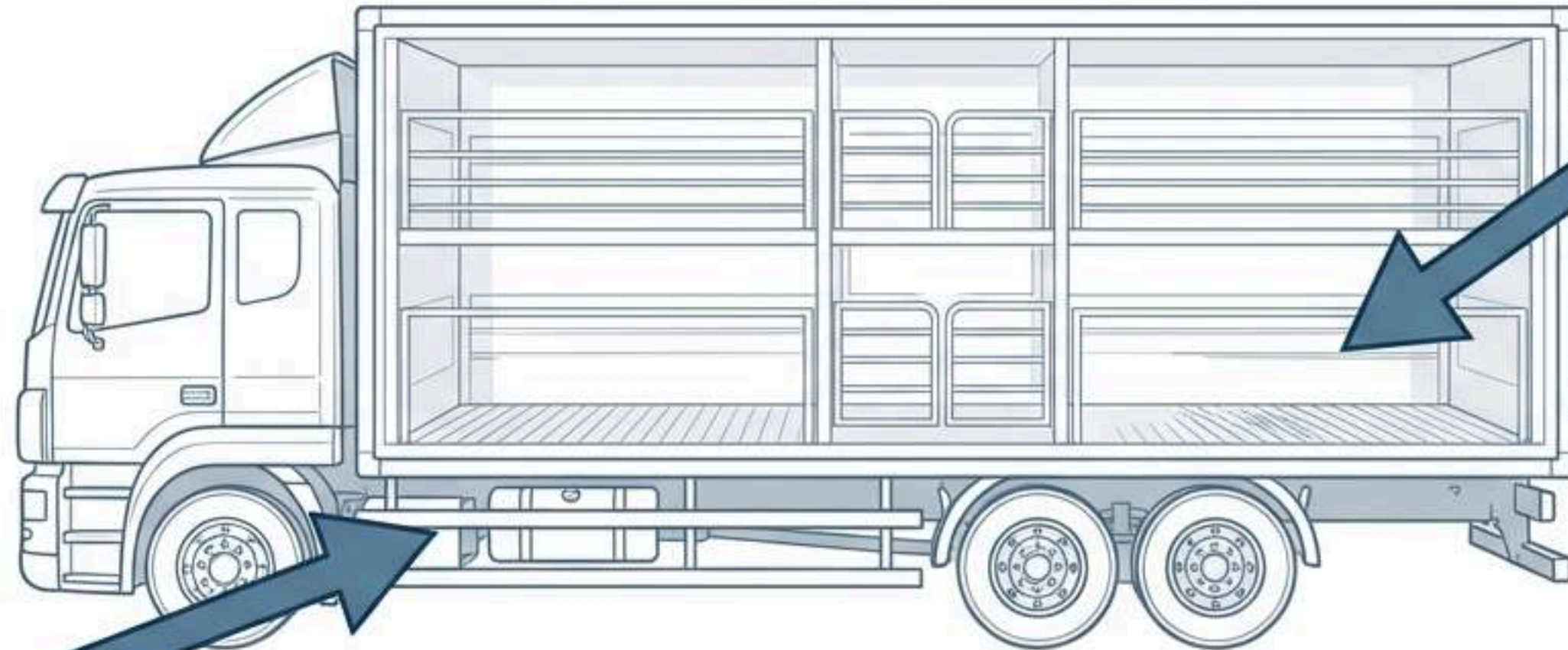


Absorbent mats (sponges) are an unreliable substitute.

Zone 4: Animal Movement & Transport

Regulatory Compliance:
No movement without State Vet consent.

Adhere to
provincial restrictions.



Clean Inside
& Outside

Clean Inside
& Outside

Protocol:

1. Clean with **F10SCXD**.
2. Disinfect with **F10CL**.
3. Repeat before AND after transport.



High-pressure
washers
recommended.

Zone 5: Housing, Parlours & Pens



Clear Debris

Remove all organic matter.



Scrub & Clean

Use F10SCXD diluted 1:100 (10 ml / l). Rinse away dirt"



Disinfect

Spray F10CL diluted 1:50 (20 ml/l). Leave to dry naturally. DO NOT RINSE

Scope: Milking parlours, calf pens, and general housing.

Zone 6: Equipment & Water Systems

General Equipment

Thoroughly clean any item touching animals with **F10SCXD** before disinfecting with **F10CL**.

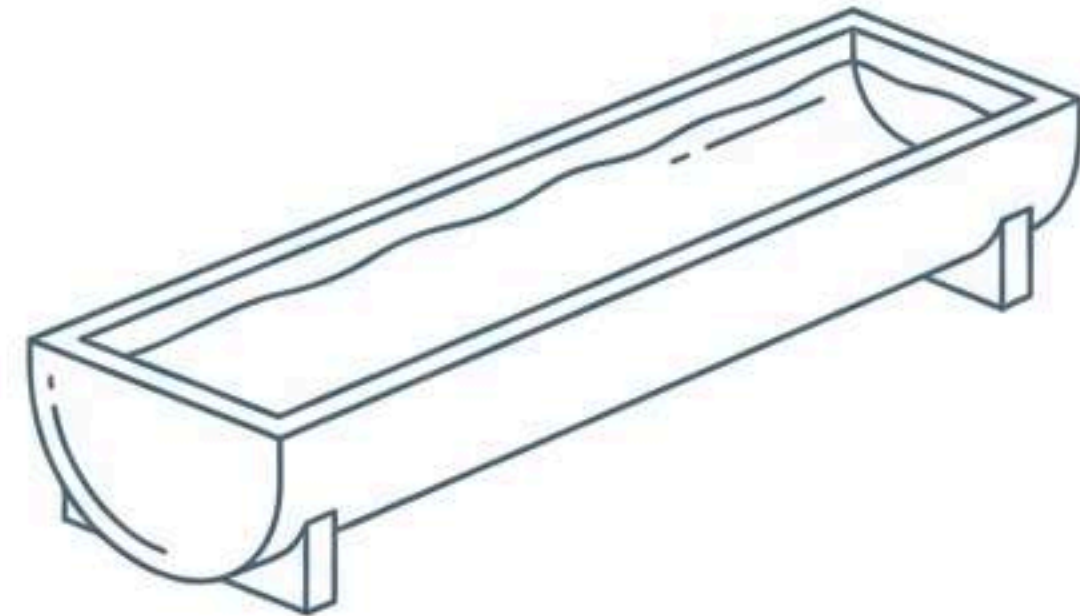


Water Quality



Use clean water for mixing to maintain efficacy. **Dirty water compromises results.**

Troughs



Clean feed and water troughs weekly. Remove organic matter, scrub with **F10SCXD**, spray with **F10CL** Gen Farm, leave to dry

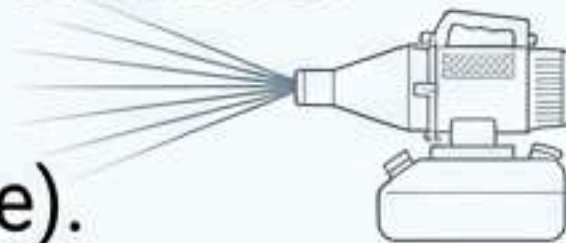
Advanced Defense: Aerial Fogging

The Challenge: Surface disinfections alone is insufficient to control airborne contamination

The Solution: ULV Foggers with F10SC Vet Disinfectant.

Safety Profile: Safe for use in the presence of animals and humans. Non-toxic.

Dosage: Ratio 1:250 (4ml per 1 Litre).



Emergency Response: In the Event of a Challenge



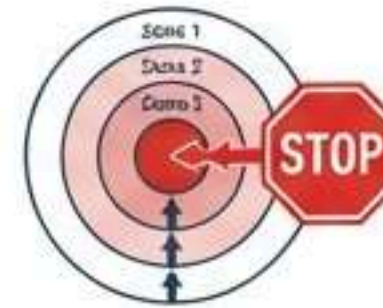
1. ISOLATE all clinically affected animals immediately.



2. CONTACT the local or State Veterinarian.



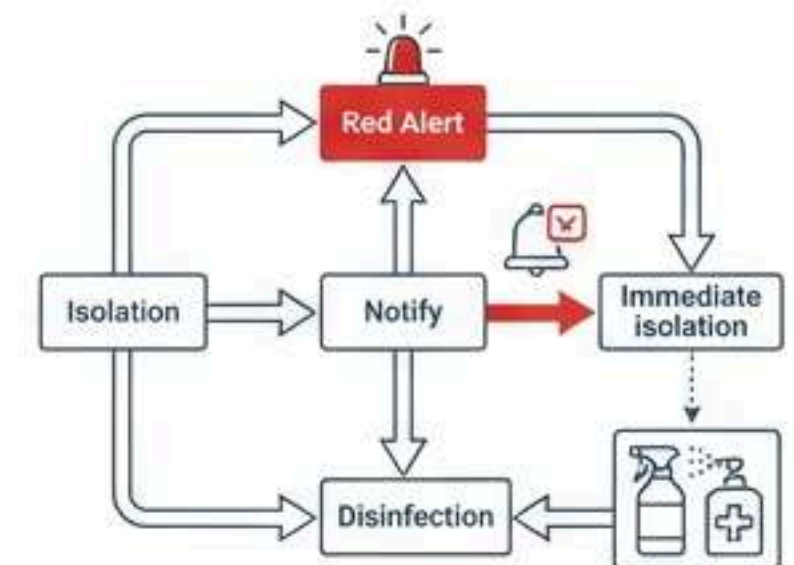
3. ENFORCE all biosecurity 'Zone' protocols strictly.



4. CHECK DILUTION: Ensure proper concentration is used to avoid under-dosing.

1/1 = %

0/2 = %



Technical Specifications & Dilution

Cheat Sheet for the Farm Manager



Recommended Dilution:

1:50

(20ml per 1 Litre of clean water)

Chemical Profile

- Quaternary ammonium and biguanidine compounds.
- Ampholytic surfactants and sequesterants.
- Non-toxic, Non-corrosive, Biodegradable.

Pack Sizes

5L and 25L

Registered with SABS (NRCS)
and Depart of Agriculture, Land
Reform and Rural
Development, Act 36/1947,
Reg No G3106

The F10 Biosecurity Product Family

1. **DISINFECTION** F10CL General Farm Disinfectant

Broad-spectrum disinfectant for general farm surfaces and equipment



2. **CLEANING** F10SCXD Veterinary Disinfectant/Cleaner

Combined cleaner and disinfectant, effective against heavy organic loads.



3. **BIOFILM CONTROL** F919SC Biofilm Remover

For the removal and control of Biofilm



4. **PERSONAL HYGIENE** F10 Antiseptic Liquid Soap, F10 Hand Gel F10 Hand Rub



Secure Your Farm Today

**Available from Veterinary Wholesalers, Vet Practices,
Co-Ops, and Veterinary Retailers.**

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