



Processing FMD Milk

- **Milk from FMD-positive dairies destined for the domestic market needs only to be pasteurised once.** This milk and products produced from this milk **may not be exported**, unless the importing country agrees to the standards or the milk has been processed according to one of the following protocols
- The Terrestrial Manual of WOAHP states the following:
 - Article 8.8.2.1 – UHT milk, and derivatives made from it, are **safe for export** "regardless of the animal health status of the exporting country".
 - Article 8.8.29 applies to countries that have FMD, but the **farm of origin is not suspected of FMD.** Then single pasteurisation must be used, provided the pH is below 7, **or** the milk has tested negative for FMD. This milk is deemed safe for export.
 - Article 8.8.39 applies if the milk is from an **FMD-positive farm**, in which case the FMD virus needs to be inactivated by double pasteurisation or UHT treatment to make it suitable for export.
 - Please note that the importing country can determine what standards dairy products have to adhere to for import. Their standards might exceed those of WOAHP.

Chapter 8.8 of the WOAHP Terrestrial Animal Health Code Articles that apply to Dairy Products

WOAHP - Article 8.8.2.

Safe commodities

When authorising the importation or transit of the following commodities, Veterinary Authorities should not require any

type of FMD-related conditions, regardless of the animal health status of the exporting country or zone:

- 1) **Ultra-high temperature (UHT) milk and derivatives thereof;**
- 2) heat-treated meat products in a hermetically sealed container with a F0 value of 3 or above;
- 3) protein meal;
- 4) gelatine;
- 5) in vivo derived bovine embryos collected, processed and stored in accordance with Chapter 4.8.;
- 6) limed hides, pickled pelts, and semi-processed leather;
- 7) extruded dry pet food.

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WOAH - Article 8.8.29. (Applies to FMD negative farms in a FMD area – i.e. all of South Africa)

Recommendations for importation of milk and milk products (other than those listed in Article 8.8.2.) from countries or zones infected with FMDV

Veterinary Authorities should require the presentation of an international veterinary certificate attesting that:

1) these products:

- a) originate from herds which at the time of milk collection were not infected or suspected of being infected with FMDV, and comes from milk that:–
 - has a pH less than 7 or has been tested for FMDV with negative results, and–
 - has been heated at a minimum temperature of 72°C for at least 15 seconds;
- or
- b) have been processed to ensure the inactivation of FMDV in accordance with one of the procedures in Article 8.8.39.;

2) the necessary precautions were taken after processing to avoid contact of the products with any potential source of FMDV.

WOAH - Article 8.8.39. (Applies to FMD-quarantined farms)

Procedures for the inactivation of FMDV in milk and milk products

For the inactivation of FMDV present in milk, one of the following procedures should be used:

1. a process applying a minimum temperature of 72°C for at least 15 seconds (high temperature - short time pasteurisation [HTST]) applied twice;
- or
2. any equivalent treatment that has been demonstrated to inactivate FMDV in milk.