

Dairy Cow Footbath Preparation

AgSafe

Safe Work Procedure

Safe Work Procedure Number:

Date Approved:

Date Revised:

DO NOT perform this procedure until you have been appropriately trained and authorized to do so by your supervisor.

Required Training: WHMIS, Respirator Fit testing. Formaldehyde Exposure control policy study for your Farm

Required Personal Protective Equipment and Devices

	Eye Protection Required
	Long or loose hair must be tied back or contained
	CSA Approved Safety Footwear Required
	Hearing Protection Required
	Gloves required as per MSDS (material safety data sheet) of chosen product
	Protective clothing required with hood
	Approved Dust Mask Required as per MSDS of chosen product.
	NIOSH Approved Respirator Required and appropriate filters as specified by MSDS of product
	No jewelry, watches, rings, necklaces etc...

Potential Hazards: Chemical vapor inhalation, splash contact with skin or eyes

Pre-Operational Safety Checks: A few common-sense rules can reduce the hazard involved in mixing and loading of foot bath disinfectant:

1. Read the product label before mixing a disinfectant. Follow the safety precautions on the label, and understand the instructions for mixing.
2. Wear the correct protective clothing; this may include rubber boots, chemical-resistant aprons, coveralls with hood and gloves, and an appropriate respirator (see [Personal Protective Equipment](#) heading in this section).
3. Check the foot bath equipment for leaks.
4. Have emergency wash facilities, first aid equipment and emergency phone numbers close at hand.
5. Calculate how much disinfectant you need for mixing.

Procedure

Before you start

1. Inspect required personal protective equipment and replace if required.
2. Put on all required personal protective equipment.
3. Choose a mixing and loading site away from people, livestock, pets, wells and water bodies.
4. If a mixing site is unavoidably near a water body, ensure the area is graded to slope away from the water.
5. Mixing and loading sites should be outdoors. If you must work indoors, make sure the area is well ventilated.
6. Mix and decant disinfectants only in good light.
7. Keep soap and an emergency water supply nearby.

While you're working

1. Mix disinfectant in still or low wind conditions. Stand upwind of the disinfectant.
2. Begin by filling the foot bath 1/2 full with clean water. NEVER put the chemical in first and then top with water.
3. Prevent overflow. Do not leave your foot bath unattended.

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4. Mix and measure out disinfectants on a sturdy level bench or table. It should be made of materials that will not absorb disinfectants, or be covered with heavy plastic. Don't use the bench or table for any other purpose. Label all weigh scales, measuring cups, pre-mixing pails, and knives for opening disinfectant packages "for chemical use only." Return them to the chemical storage area when they are not in use.
5. Hold the container below eye level when measuring or adding disinfectant into the foot bath to prevent splashing or spilling pesticide in your face or eyes.
6. Always follow manufacturer's directions when mixing.

7. If you splash or spill a disinfection chemical while mixing or loading, stop IMMEDIATELY. Remove contaminated clothing and wash thoroughly with soap and water. Obtain medical assistance if exposure could result in more than a mild irritation. Speed is essential when you or your clothes are contaminated. Clean up any chemical disinfectant spilled as per chemical spill Safe work procedure.

After you finish

1. Rinse disinfectant containers as soon as they are empty.
2. Rinse measuring cups and mixing equipment. Pour all rinse water into your foot bath.
3. Replace container caps and close bags. Return them to the storage area.
4. Dispose of disinfectant solution as per provincial and manufacturers recommendations.
5. Remove your PPE starting with coveralls, respirators and lastly gloves. Wash hands and forearms thoroughly with soap and water.

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, shut the equipment off immediately and follow the lock out procedure.

Date Written:
Procedure Developed by:
Approved by:
Date Revised:
Date Approved:

Please use the following **Safe Work Procedures** as a guideline to building your own safe work procedures.