

# BOVI-SHIELD® MH-ONE VACCINE

## User Instructions



Bovi-Shield MH-One, a true 'one shot' (single dose) vaccine for the control of bovine respiratory disease caused by *Mannheimia haemolytica*, is brought to you by Zoetis.

## ZOETIS WILL SUPPLY THE FOLLOWING TO ASSIST YOU WITH ADMINISTRATION OF THE VACCINE

- ✓ Vaccine (100 mL glass bottle containing the freeze dried antigen and a 100 mL plastic bottle containing the liquid diluent)
- ✓ Transfer needle
- ✓ Draw off tube

## TRANSPORT AND STORAGE:

- Bovi-Shield MH-One needs to be transported and stored at 2-8° celsius (refrigerator temperature, do not freeze)
- Once reconstituted, the vaccine should be used the same day
- Place the vaccine and equipment in a portable cooler with an ice-brick while taking breaks during use

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**Bovi-Shield® MH-One**  
True one shot protection

# INSTRUCTIONS FOR USE

1. Before use, read the cleaning and operating instructions for the vaccinator and read the Bovi-Shield MH-One leaflet.
2. Maintain cleanliness at all times during vaccination. Care must be taken to avoid contamination of the vaccine, transfer needle, draw-off tube and internal parts of the syringe/ vaccinator/injection gun by contact with unsterile surfaces or unwashed hands.
3. Shake the liquid diluent prior to reconstitution.
4. Insert the transfer needle into the top of the bottle containing the liquid diluent first by twisting and pushing at the same time. Invert the bottle as you insert the other end of the transfer needle into the top of the glass bottle containing the freeze dried antigen.
5. The vacuum in the glass bottle will suction the liquid diluent in where it can mix with the freeze dried antigen. If the bottle containing the freeze dried antigen is accidentally punctured first, the liquid diluent can be pushed through the transfer needle by pumping the plastic bottle containing the diluent until all of the liquid is in with the freeze dried antigen.
6. Remove the empty plastic bottle and the transfer needle from the top of the glass bottle and shake the glass bottle well.
7. Pierce the top of the vaccine with the spike on the draw-off tube and clip the plastic lid onto the top of the bottle of vaccine.
8. If you are using an adjustable vaccinator or injection gun make sure it is set at 2.0 mL, attach the vaccinator or injection gun to the draw-off tube and prime the gun.
9. If you are using a syringe, insert needle into the top of the bottle of vaccine and draw up 2.0 mL.
10. You are now ready to vaccinate.
11. The 2.0 mL dose can be given subcutaneously or intramuscularly, high on the side of the neck in cattle from 5 months of age.



**RECONSTITUTING AND MIXING (STEP 4)**



**ADMINISTRATION (STEP 11)**

If you have any technical questions about the use of Bovi-Shield MH-One, please call Zoetis Technical Services on **1800 814 883**.



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