

Our Mission. Your Success.



MastiShield™

Non-Antibiotic Dry Cow Intramammary Teat Sealant Device



TEAT SEALANT TECHNOLOGY, A GREAT TOOL WHEN STARTING THE DRY PERIOD!

Key Benefits:

- Mimics the cow's natural first line of defense, the keratin plug
- Provides a safe, antibiotic free, physical barrier between the udder and the environment
- Helps control mastitis during the dry period where more than 50% of early lactation Escherichia coli mastitis cases begin
- Compatible with conventional dry cow management practices

MASTISHIELD'S A WIN-WIN

- The herd wins when you use an effective teat sealant
- You win because MastiShield does a great job while saving you money

KEY MASTISHIELD™ BENEFITS:

- Comes in easy to use 4 grams syringe containing (2.6 grams of bismuth subnitrate and mineral oil)
- Two- stage tip allows flexibility when administering product to assure proper sealant placement
- Zero milk withdrawal and zero meat withdrawal
- Available in **economically priced tubs of 144 syringes**



TWO-STAGE TIP ALLOWS FOR FLEXIBILITY

1. MastiShield syringes have a 2-Stage tip. This 2-Stage tip allows for either full or partial insertion into the teat orifice
2. Partial insertion is preferable, as it may prevent unnecessary damage to the teat canal and reduce the risk of infection
3. Full insertion may be needed for some cows

For More Information:

info@aspenveterinaryresources.com

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Package Insert Available in English and Spanish

DOSAGE AND ADMINISTRATION:

After last milking at dry-off, clean and disinfect the teats with the alcohol wipes provided. Gently pinch the base of the teat near the udder attachment to close the teat canal. Infuse entire contents of one syringe of MastiShield into each quarter by inserting the nozzle into the teat and applying gentle continuous pressure to the plunger until the paste is expressed. MastiShield must remain in the teat canal to be effective.

Do not massage teat or udder following infusion.

CONCURRENT INTRAMAMMARY ANTIBIOTIC THERAPY:

If an antibiotic is infused into the teat, the teat should be re-wiped with the alcohol wipe provided prior to infusion with MastiShield. **A clean, disinfected and dry teat is essential, as MastiShield possesses no antimicrobial activity.** It is advisable to use an appropriate teat disinfectant following the infusion.

MastiShield is presented in syringes with a 2-Stage tip. This 2-Stage tip allows for either full or partial insertion into the teat orifice. Partial insertion only is preferable, as it may prevent unnecessary damage to the teat orifice and reduce the risk of infection. Full insertion may be needed for large teat orifices.

REMOVAL: Do not remove MastiShield by action of the milking machine.

To reduce the potential for MastiShield accumulation in milking machines, aggressively hand-strip MastiShield out of every quarter, 10 to 12 strips per quarter, before milking fresh cows. Bucket-milk fresh cows for a minimum of three milkings, if possible.

PREVENT INFECTION DURING INFUSIONS

Simple steps to avoid introducing infections during administration of intramammary infusions.

1. Do not place individual syringes in warm/hot water during cold weather.
2. Dry cows off abruptly rather than gradually.
3. Clean teat ends as thoroughly as possible with alcohol wipe and leave to air dry. **DO NOT** use water with or without disinfectant.
4. Clean the two teats furthest away first, followed by the two closest.
5. Ensure the teats are clean and dry before infusing MastiShield.
6. Infuse the teats in the opposite order to cleansing: i.e. infuse the closest two teats first, followed by the two furthest away.
7. After infusing, dip teats in teat dip or spray with disinfectant and leave cows standing in yard for at least half an hour to allow the teat canal to close.
8. Check cows regularly for signs of mastitis during the first week after drying off.

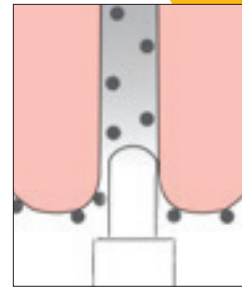


Figure 1: Partial insertion and bacteria in teat canal.

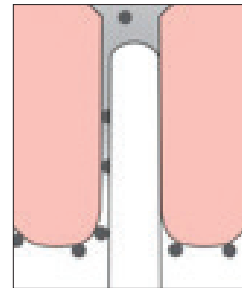
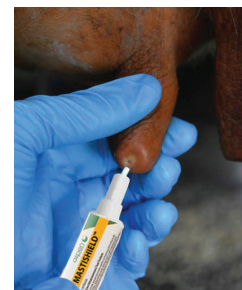
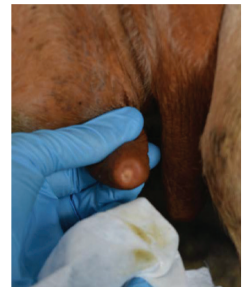


Figure 2: Bacteria pushed deeper into the teat by full insertion.



For More Information:

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MASTISHIELD™

Non-antibiotic

Dry Cow Intramammary Teat Sealant

4g of sterile intramammary paste containing 65% Bismuth Subnitrate. Administer one syringe into each cleaned and disinfected teat to aid in the prevention of bacterial infections.

Do not massage the teat or udder after administration.

Read insert for complete directions.

For animal use only. Keep out of reach of children.

Manufactured by: Norbrook Laboratories Limited,
Newry, BT35 6PU, Co. Down, Northern Ireland

Manufactured for: Aspen Veterinary Resources,® Ltd., Liberty,
MO 64068, USA. www.aspenveterinaryresources.com

Lot:

EXP:

358628L01

Product Code	Product Size	Case
21284510	4 Gram	144 S

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