

SHUTOUT™

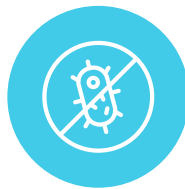
A new teat sealant designed with your operation in mind.

The same formulation you know with the improvements you asked for.



Easy to Administer

An ergonomically-friendly, dual-tip syringe gives producers the flexibility to choose between either the preferred short tip or the long tip for administration.



Complete Sterilization

Both package and product are sterilized to limit risk of contamination of product.



Backed by Science

A comparative study demonstrated a highly syringeable product formulated to stay firmly in place at the time of administration.¹



Reliably Consistent

Because ShutOut™ is manufactured by Merck Animal Health, producers can be confident they're receiving a consistent product in every tube, every time.¹

An antibiotic-free barrier for dry cows.

An antibiotic-free teat sealant like ShutOut adds extra protection during the dry cow period by supplementing the cow's natural keratin plug. While this effectively seals the cow's teats and is a critical part of dry cow management, a more comprehensive approach includes both a vaccine and antibiotic treatment.

Merck Animal Health offers a complete line of dry cow management products, including **Bovilis® J-5** vaccination, **Orbenin-DC®** dry cow treatment and ShutOut teat sealant. Additionally, **Guardian®** can be incorporated into your protocol during the dry period for calf scours prevention.

ShutOut Product Details

Each syringe of ShutOut consists of 4 g of a sterile, non-antibiotic, intramammary paste containing 2.6 g of bismuth subnitrate for use in the prevention of new intramammary infections in dairy cattle throughout the dry period.

Short Tip Recommendation

- ShutOut is designed with a dual tip for greater flexibility at administration.
- However, the National Mastitis Council recommends using the short tip as it has been shown to result in fewer new intramammary infections.



Presentations, Withdrawal and Storage²

- ShutOut is available in 144-syringe buckets and 24-syringe boxes. Both include biodegradable, disinfectant wipes for udder prep.
- Withdrawal Information: For use in dry cows only. Zero-day milk and meat withdrawal when used alone. If ShutOut is administered following an antibiotic infusion, the withdrawal periods for meat and milk for the antibiotic must be observed.
- Store at room temperature (60-85° F).

Safety Precautions

- Keep out of reach of children.
- For animal treatment only.

For more information, visit ShutOutForDairy.com.



Merck Animal Health is a proud sponsor of the National Mastitis Council. For more information on mastitis prevention, visit NMConline.org.

¹Data on file, Merck Animal Health.
²Product label.

Bovilis J-5 Warning: This product contains oil adjuvant. In the event of accidental self-injection, seek medical attention immediately. For additional information, please see the product label.

Orbenin-DC Warnings: For use in dry cows only. Do not use within four weeks (28 days) of calving. Treated animals must not be slaughtered for food purposes within 4 weeks (28 days) of treatment. For additional information, please see the product label.

