

CATTLE INTRAMAMMARY PREVENTATIVES

Last updated May 12, 2025

I.M.M. - intramammary

Product Name	Material Number	Ingredient(s)	Dosage and Administration	Route of Administration	Withdrawal Time	Withdrawal Notes
ASPEN						
MastiShield Teat Sealant 144 count	21284510	bismuth subnitrate	After last milking at dry-off, clean and disinfect teats with alcohol wipes provided. Gently pinch base of teat near udder attachment to close teat canal. Infuse entire contents of 1 syringe into each quarter. Partial insertion only is preferable, as it may prevent unnecessary damage to teat orifice and reduce risk of infection. Full insertion may be needed for large teat orifices. Do not massage teat or udder following infusion. If antibiotic is infused into teat, teat should be re-wiped with alcohol wipe provided prior to infusion. Do not remove product by action of the milking machine. To reduce potential for accumulation in milking machines, aggressively hand-strip product out of every quarter, 10-12 strips/quarter, before milking fresh cows. Bucket-milk fresh cows for a minimum of 3 milkings, if possible.	I.M.M.	0 days	If MastiShield is administered following an antibiotic infusion, the withdrawal periods for meat and milk for the antibiotic must be observed.
BOEHRINGER INGELHEIM						
Lockout Teat Sealant 144 count	21285187	bismuth subnitrate	After last milking at dry-off or prior to first lactation in replacement helpers, thoroughly clean and disinfect teat ends with alcohol swabs. Air dry. Infuse teats by inserting new syringe into teat canal. To minimize product entering udder, squeeze top of teat canal at udder base. Gently depress plunger until teat canal is full. Treat remaining teats in similar manner using a new syringe for each teat. Do not massage teats/udder. Removal: Thoroughly hand-strip each teat 10-12 strips/teat before milking. Bucket-milk fresh cows for at least 3 milkings per normal post-calving procedures.	I.M.M.	0 days	For use in dry dairy cows and replacement dairy helpers only. If accidentally administered to a lactating cow, product can be stripped out by hand. If this product is administered following an antibiotic infusion, withdrawal periods for meat and milk for the antibiotic must be observed.
ECOLAB						
Uddergold Dry Teat Sealant 32 oz	21309998	triclosan	At dry-off: At last milking, completely milk out cow. Infuse dry cow antibiotic into teat. Dip entire length of each teat with product. For maximum protection, repeat when dry. 10d before calving: Clean and dry teat, then dip entire length of each teat with product. Leave on teat for 3-7d. Re-dip if removed prior to calving. At calving, peel off any remaining sealant.	Topical		
HUVEPHARMA						
T-Hexx Dry Teat Sealant 32 oz	21263200	ethanol, ethyl acetate, water, acid blue 9, polyvinylpyrrolidone	Dry-off: At last milking prior to dry-off, milk out cow completely. Clean and dry teats, then dip entire length of teat with product. For maximum protection, dip a second time after first coating is dry. 10d prior to calving: Clean teat well and wipe with dry towel. Dip entire length of teat into product and allow to remain on teat 3-7d. Observe daily and re-dip if removed prior to calving. After calving, peel off any remaining teat dip prior to milking.	Topical		
MERCK						
ShutOut Teat Sealant 24 count, 144 count	21297566, 21297567	2.6 g of bismuth subnitrate		I.M.M.		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.
NEW AGRITECH						
Lactoseal Teat Sealant 60 count, 144 count	21318570, 21310742	bismuth subnitrate phenoxyethanol		I.M.M.		
ZOETIS						
Orbeseal 144 count	11785693	bismuth subnitrate	Infuse 1 syringe/quarter after last milking at dry-off to clean and disinfect teats.	I.M.M.		For use in dry cows only. Zero-day milk and meat withdrawal when used alone. If Orbeseal is administered following an antibiotic infusion, the withdrawal periods for meat and milk for the antibiotic must be observed.