

U-Seal™

Non-antibiotic Dry Cow Intramammary Teat Sealant Device

NEW!

Description:

U-Seal™ is indicated as an aid in the prevention of new intramammary infections throughout the dry period by providing a malleable barrier in the teat canal. This results in a reduction in the incidence of clinical mastitis for the entire dry period by preventing bacteria from entering the teat canal.

For Use On:

Cattle

Benefits:

- Quick delivery
- Accurate placement and an effective seal
- Delivers easy syringe-ability and superior in-teat performance
- Antibiotic-free

Dosage and Administration:

After last milking at dry-off, clean and disinfect the teats with an alcohol swab. Infuse the entire contents of one syringe of U-Seal into each quarter by inserting the nozzle into the teat and applying gentle continuous pressure to the plunger until the paste is expressed. **Do not massage teat or udder following infusion.** If an antibiotic is infused into the teat, the teat should be re-swabbed with a new alcohol swab prior to infusion with U-Seal. **See label for full Dosage and Administration.**

Packaging:

24 ct pail w/ 40 wipes, 6 pails/case
UPC # 7-45801-12986-3

144 ct pail w/ 200 wipes, 1 pail/case
UPC # 7-45801-12990-0

Each pail
comes with
Teat Wipes!



Internal teat sealants reduce risk of infection

Internal teat sealants perform the function of the keratin plug

- They form an effective seal
- They persist throughout the dry period
- They strip out easily
- They are insoluble to milk and harmless to calves

Studies show combining internal teat sealants with dry cow antibiotic therapy results in a significant reduction in new mastitis infections compared to DCT alone ^{1, 2}

- As much as 68% during the dry period¹
- 20% - 30% reduction in early lactation¹



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1. Presentation – Minnesota Dairy Days (2010): "Giving Dry Cow Mastitis the Boot," Godden, S, Renau, J, Farnsworth, R, Bey, R; University of Minnesota Extension Service
2. "Management of the Dry Cow to Prevent Mastitis, (2012)", Arnold, M. DVM, Bewley, J, Extension article U of KY, Dept. Animal & Food Sciences
U-Seal is a trademark of Jurox Pty Ltd.

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U-Seal Teat Sealant Device

Tel 800-821-5570 | Fax 816-224-3080 | info@durvet.com

U-Seal™

Non-antibiotic Dry Cow Intramammary Teat Sealant Device

U-Seal™

Non-antibiotic

Dry Cow Intramammary Teat Sealant Device

Each syringe contains 4 g intramammary paste
Containing 65% Bismuth Subnitrate
For use in non-lactating dairy cattle
For animal use only

Read Entire Package Insert Carefully Before Using This Product

U-Seal™ is a sterile, antibiotic-free, off-white smooth paste. It is presented, ready to use, in syringes, each containing 4 g of intramammary infusion composed of 65% Bismuth Subnitrate, in a mineral oil vehicle. U-Seal is indicated as an aid in the prevention of new intramammary infection throughout the dry period by providing a malleable barrier in the teat canal. This results in a reduction in the incidence of clinical mastitis in the dry period.

It is recommended that U-Seal be used as part of a herd approach to dry cow management and mastitis control.

WITHDRAWAL INFORMATION: For use in dry cows only. Zero-day milk and meat withdrawal when used alone. If U-Seal is administered following an antibiotic infusion, the withdrawal periods for meat and milk for the antibiotic must be observed.

PRECAUTIONS: Keep out of reach of children. For animal treatment only. If U-Seal gets on skin, wash with soap and warm water. If accidentally administered to a lactating cow, product can be stripped out by hand. A Safety Data Sheet may be obtained by calling Jurox Inc. Customer Support at 1-844-253-2926.

ADVERSE REACTIONS: Mastitis-causing bacteria introduced into the teat at the time of infusion of U-Seal have been associated with adverse reactions. Each teat must be cleaned and disinfected prior to infusion of U-Seal. See overleaf for instructions for administration of infusion products.

STORAGE: U-Seal should be stored at room temperature 60° - 85°F (~15° - 30°C). In very cold temperatures U-Seal may be difficult to administer and should be warmed to room temperature. Individual tubes should not be immersed in water. The U-Seal bucket can be lowered into a 5 gallon bucket filled with warm water to warm the tubes.

INDICATIONS: U-Seal is intended as an aid in the prevention of new intramammary infections of dairy cattle throughout the dry period.

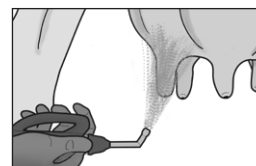
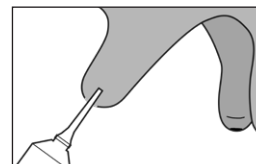
DOSAGE AND ADMINISTRATION: After last milking at dry-off, clean and disinfect the teats with an alcohol swab. Infuse the entire contents of one syringe of U-Seal into each quarter by inserting the nozzle into the teat and applying gentle continuous pressure to the plunger until the paste is expressed. **Do not massage teat or udder following infusion.** If an antibiotic is infused into the teat, the teat should be re-swabbed with a

new alcohol swab prior to infusion with U-Seal. **A clean disinfected and dry teat is essential, as U-Seal possesses no antimicrobial activity.** It is advisable to use an appropriate teat disinfectant following the infusion.

REMOVAL: Do not remove U-Seal by action of the milking machine. To reduce the potential for U-Seal accumulation in milking machines, aggressively hand-strip U-Seal 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.

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 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 U-Seal.
6. Careful insertion of U-Seal nozzle with a minimum 3 mm penetration into teat canal.
7. Infuse the teats in the opposite order to cleansing: i.e. infuse the closest two teats first, followed by the two furthest away.
8. 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.
9. Check cows regularly for signs of mastitis during the first week after drying off.



Use Only as Directed

Not for Human Use

Distributed by:
Durvet, Inc.
100 S.E. Magellan Drive
Blue Springs, MO 64014
USA

Manufactured by:
Jurox Pty Limited.
85 Gardiner Street,
Rutherford, NSW 2320,
Australia



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