

ZERO*

WASTE. ZERO WORRY.



Use Dry-Clox® to get zero milk withhold.*

When it comes to mastitis treatment in dry cows, DRY-CLOX (*cloxacillin benzathine*) works triple time for your herd, your bottom line and your peace of mind. Treating with DRY-CLOX means you'll have a zero milk withhold period after calving, following a 30-day dry period.

Features

- An antibiotic mastitis treatment providing bactericidal activity against Gram-positive bacteria in dry cows.
- Each 10 mL disposable, ready-to-use syringe contains the active ingredient cloxacillin benzathine.
- Provides bactericidal activity against Gram-positive bacteria — *Strep agalactiae*, penicillin-resistant *Staph aureus* and non-penicillinase-producing *Staph aureus*.

Benefits

- Convenient zero milk withhold from dry pen to bulk tank. This means your cows can go right from the dry pen to being a profitable member of your herd. (Not to be used within 30 days of calving.)
- Opti-Sert® applicator tip aids in full or partial insertion, and partial insertion reduces the incidence of new infections during the dry period.

*Residue Warnings: For use in dry cows only. Not to be used within 30 days of calving. Any animal infused with this product must not be slaughtered for food until 30 days after the latest infusion.

Sound
Byte

Cattle First.

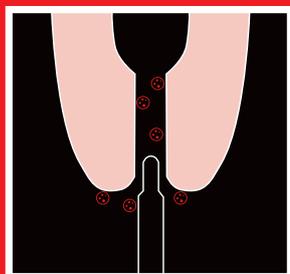
 **Boehringer
Ingelheim**

OPTI-MIZE with OPTI-SERT.®

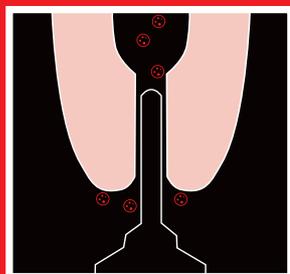
Effective treatment of mastitis in dry cows requires special attention to insertion levels of the syringe. Studies have shown that when inserting antibiotics into the udder at a depth of 2 to 3 millimeters, as opposed to 6 or more millimeters, new intramammary infections can be reduced by as much as 50 percent!

Partial vs. Full Insertion

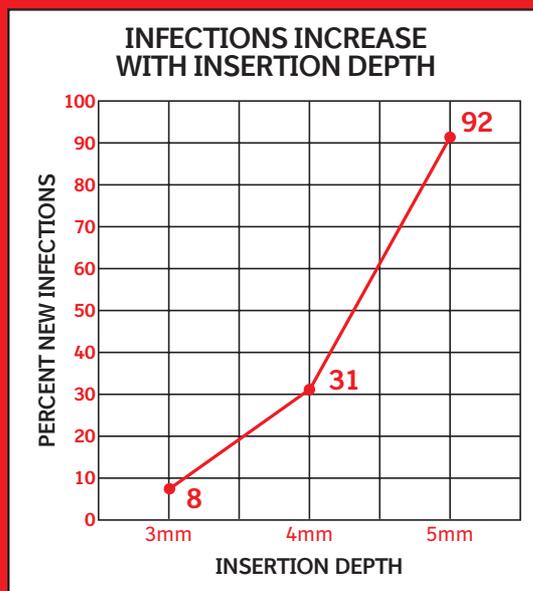
Partial-insertion depths of 2 to 3 millimeters is the recommended administration. With the OPTI-SERT tip, a stopper prevents you from pushing too far into the teat canal. Without an OPTI-SERT tip, full insertion increases the risk of introducing new bacteria during treatment.



Partial Insertion



Full Insertion



Sound **Byte**

CHECK-OFF & ECHO NOTES

First, always ask if the Boehringer Ingelheim representative has visited the practice recently:

Producer, are you familiar with the benefits of choosing DRY-CLOX to treat mastitis in dry cows?

If yes, confirm the benefits!
If no, detail as the primary contact.

Confidence

I believe DRY-CLOX can help you save money while effectively treating mastitis in your dry cows.

Invitation (neutral)

Let's look at what makes DRY-CLOX a unique mastitis treatment ...

Acknowledge the customer as the decision maker:

... so you can determine whether DRY-CLOX is a treatment option that will benefit your dairy operation.

¹ Boddie RL, Nickerson SC and Sutherland SF. New design of mastitis tubes reduces infections. Hoard's 1989;134(13):579. Dry-Clox is a registered trademark of Boehringer Ingelheim Vetmedica, Inc. Opti-Sert is a registered trademark of Zoetis, its affiliates, related companies, or its licensors or partners. ©2018 Boehringer Ingelheim Vetmedica, Inc. BOV-1079-MAST0318

NADA 055-058 Approved by FDA

Dry-Clox®

(cloxacillin benzathine)

Intramammary Infusion

FOR USE IN DRY COWS ONLY

Caution: Federal law restricts this drug to use by or on the order of a licensed veterinarian.

Action: In the non-lactating mammary gland, Dry-Clox® (cloxacillin benzathine) provides bactericidal levels of the active antibiotic, cloxacillin, for a prolonged period of time. This prolonged activity is due to the low solubility of the cloxacillin benzathine and to the slow-release oil-gel base. This prolonged contact between the antibiotic and the pathogenic organism enhances the probability of a bacteriological cure.

Cloxacillin is not destroyed by the enzyme penicillinase, and therefore, is active against penicillin-resistant strains of *Staphylococcus aureus*. It is also active against non-penicillinase-producing *Staphylococcus aureus* as well as *Streptococcus agalactiae*.

The class disc, methicillin 5 mcg, should be used to estimate the *in vitro* susceptibility of bacteria to cloxacillin.

Indications: For the treatment of mastitis in dairy cows during the dry period.

Dry-Clox has been shown by extensive clinical studies to be efficacious in the treatment of mastitis in dry cows, when caused by *Streptococcus agalactiae* and *Staphylococcus aureus*, including penicillin-resistant strains.

Treatment of the dry cow with Dry-Clox is indicated in any cow known to harbor any of these organisms in the udder at drying off, or which has had repeated attacks of mastitis during the previous lactation, or is affected with mastitis at drying off, if caused by susceptible organisms.

Dosage for Dry Cows: Infuse the contents of one syringe (10 mL) into each quarter following the last milking. See Directions for Use.

Directions for Use: Dry-Clox (cloxacillin benzathine) is for use in dry cows only. Administer immediately after the last milking. **Use no later than 30 days prior to calving.**

Completely milk out all four quarters. The udder and teats should be thoroughly washed with warm water containing a suitable dairy antiseptic and dried, preferably using individual paper towels. Carefully scrub the teat end and orifice with 70% alcohol, using a separate swab for each teat. **Allow to dry.**

Dry-Clox is packaged with the Opti-Sert® Protective Cap.

For partial insertion: Twist off upper portion of the Opti-Sert Protective Cap to expose 3–4 mm of the syringe tip.

For full insertion: Remove protective cap to expose the full length of the syringe tip.

Insert syringe tip into the teat canal and expel the entire contents of syringe into the quarter. Withdraw the syringe and gently massage the quarter to distribute the medication. Do not infuse contents of the mastitis syringe into the teat canal if the Opti-Sert Protective Cap is broken or damaged.

Precautions: Because it is a derivative of 6-aminopenicillanic acid, Dry-Clox has the potential for producing allergic reactions. Such reactions are rare; however, should they occur, the subject should be treated with antihistamines or pressor amines, such as epinephrine.

Residue Warnings: 1. For use in dry cows only. 2. Not to be used within 30 days of calving. 3. Any animal infused with this product must not be slaughtered for food until 30 days after the latest infusion.

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Manufactured for:

Boehringer Ingelheim Vetmedica, Inc.

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