



# SEAL THE DEAL

*with T-HEXX<sup>®</sup> DRY<sup>™</sup>*

External Teat Dip



# An Advanced Dry Cow Formulation

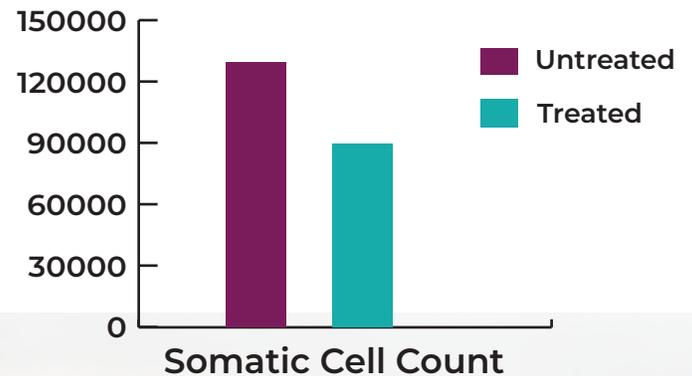
Clinical tests have been completed proving that the original T-HEXX® DRY™ External Teat Dip limits somatic cell count. Even though they have never been milked, heifer teats begin to open two weeks prior to calving. Many dairies do not use the proper precautions when it comes to their heifers.

As a result, it is more common that a first calf heifer freshens with a mastitis infection. Past studies show 50% to 80% of the heifers have a low, mid or clinical case of mastitis at freshening.

These infections could damage gland development and future productivity. Using T-HEXX® DRY™ External Teat Dip can aid in the prevention of bacteria gaining access to the gland, thus increasing the future profitability of the herd.

## Clinical Study

Limits SCC up to 31% in 1st calf heifers.



## Untreated Group

SCC mean is 129,520 (in range for 20% Clinical Freshening). At the low end of a low-grade infection (<125,000)

## Treated Group

SCC Mean is 89,590. This groups SCC was 40,000 lower when implementing the THEXX® DRY™ protocol prior to calving.

# Dry Cow Sealants Are Long Lasting

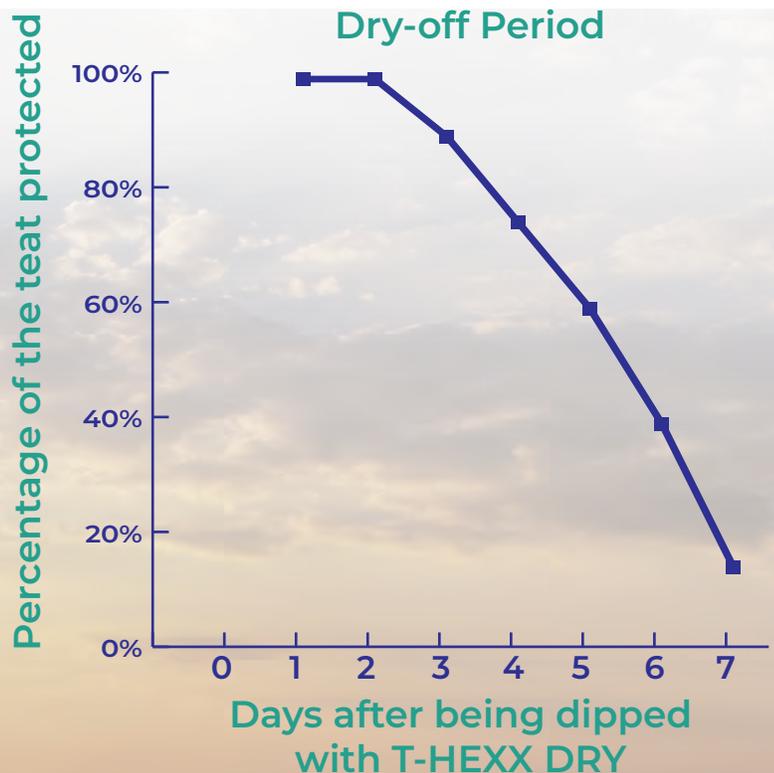
**T-HEXX® DRY™ External Teat Dip** stays on the teat for up to 7 days, ensuring the best coverage during the most crucial dry *and* pre-calving periods. Research completed at the University of Minnesota has confirmed no difference in persistence of the new formulation of **T-HEXX® Dry™** as compared to the original formula (data on file, 2023)<sup>1</sup>.

## Additional Benefits of Dry Cow Sealants

The thick patented formulation allows the coating to tightly cling to bumps and crevices on the outside of the teat.

The coating is thin enough to be drawn up into the canal where it dries and securely plugs the teat opening. It is insoluble in milk so it persists in the case of leaks due to split ends or during the pre-calving period.

T-HEXX DRY External Teat Dip Persistence Evaluation



University of Minnesota, 2023<sup>2</sup>

# An Efficacious Barrier

## UNIFORM BARRIER

Which ensures that the teat is protected from bacteria migration by assisting the natural keratin plug to protect the quarter. The coating dries and securely plugs the teat opening.

## EXCELLENT ADHESION

Provides adherence to the teat for up to seven days depending on the bedding and environment.

## ECONOMICAL

Low drip means less waste on the parlor floor.

## EASY TO USE

Simply follow the instructions on the product label.

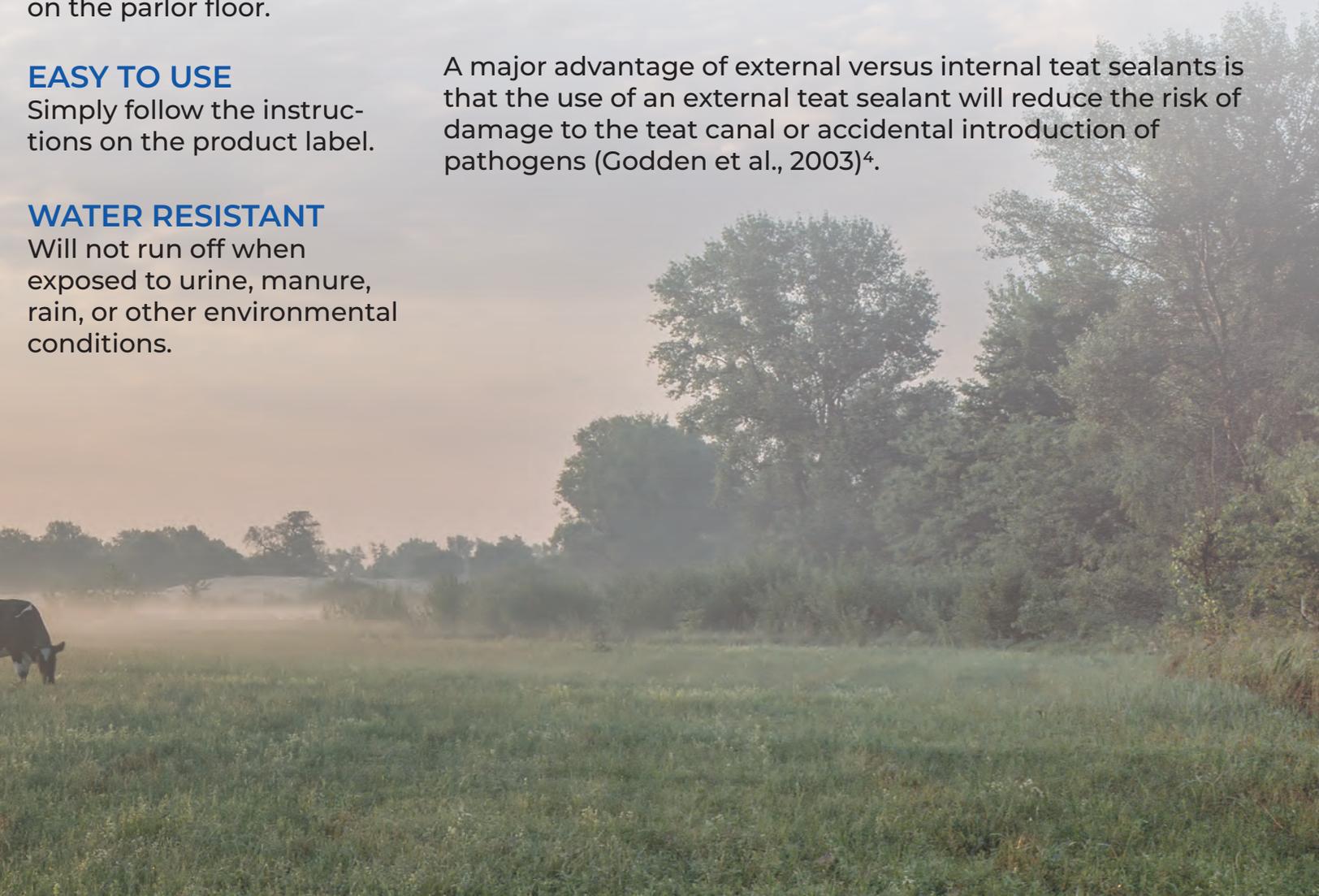
## WATER RESISTANT

Will not run off when exposed to urine, manure, rain, or other environmental conditions.

Sample	Cotton plug titers (cfu/mL)		
	Treatment 1 <i>E. coli</i>	Treatment 2 <i>S. Aureus</i>	Treatment 3 <i>S. uberis</i>
New T-Hexx Dry	Negative	Negative	Negative
New T-Hexx Dry	Negative	Negative	Negative
Negative Control	Negative	Negative	Negative
Positive Control	2.07E+09	4.17E+08	1.10E+06

Our studies show that the barrier capacity of T-HEXX® DRY™ External Teat Dip has the ability to block out organisms commonly associated with mastitis such as *S. aureus*, *S. uberis* and *E. coli*. The new formulation is confirmed to provide a barrier that is as effective as the original formulation (Data on File, 2023)<sup>3</sup>.

A major advantage of external versus internal teat sealants is that the use of an external teat sealant will reduce the risk of damage to the teat canal or accidental introduction of pathogens (Godden et al., 2003)<sup>4</sup>.



# The Benefits of Dry Cow Sealants

Mastitis is an inflammatory reaction of the udder tissue which occurs when the white blood cells enter into the mammary gland in response to the penetration of bacteria into the teat canal.

The dairy cow is most susceptible to a mastitis infection two weeks prior to calving due to her milk coming in. During the pre-calving time, the teat begins to open and left unprotected, mastitis causing bacteria can penetrate.

Incorporating T-HEXX® DRY™ External Teat Dip into your dry cow protocol is a great way to aid the natural keratin plug in closing up the canal.

For over ten years T-HEXX® DRY™ has been helping dairymen win the battle against mastitis. It's economical, water resistant, and easy to use. As long as the product remains blue and is visually covering the teat opening, it's effective. This unique feature makes it easier to prevent over application.



## When to Use Sealants

All dry formulations are recommended to be used at dry off and again two weeks prior to calving. We suggest applying 3-5 days prior to calving for maximum results.



# VISIT OUR WEBSITE!



**HUVEPHARMA®**

Look for T-HEXX® DRY™ External Teat Dip at your local farm store or with your animal health product distributor!

[www.huvepharma.us](http://www.huvepharma.us) | 1-877-994-4883 | [customerservice@huvepharma.us](mailto:customerservice@huvepharma.us)