

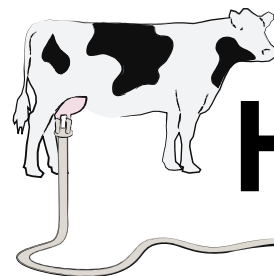
INFOCUS

Need help training your parlor employees about milk quality and mastitis? This poster might do the trick.

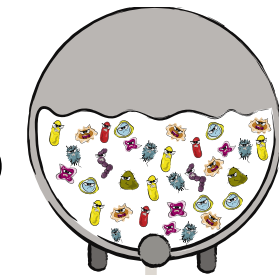
Progressive Dairyman received permission to republish this poster from the blog “The Almost Perfect Parlor.” One of the blog’s co-authors, Tom Wall, developed the materials for the poster. It was released in December. Wall uses the poster in his training with dairy employees. He will soon release a Spanish translation of the poster.

This year *El Lechero* magazine will further introduce these mastitis-causing “bugs” to its readers.

If you’re interested in obtaining copies of the poster in English or Spanish, contact Wall at: tom@dairycoach.com



HOW DO BACTERIA GET INTO THE MILK IN THE TANK?



ALL cows come into the parlor with bacteria on their teats. If cows are not cleaned properly or the units are not kept clean, bacteria enter the unit and end up in the tank.

	Where do they live?	Are they common?	What’s the solution?
Contagious Bacteria	In the milk/udder.	No, they’re not.	Kill the cow.
Environmental Bacteria	In the cow’s environment.	Yes, they’re everywhere!	Kill the bacteria.

HOW DO THEY COUNT THE LIVE BACTERIA INSIDE THE TANK?

	Common Bacteria that Cause Mastitis	Where Are These Bacteria Found?	How Are These Bacteria Spread?	How Can These Bacteria Be Controlled?
Contagious	Strep Ag. Streptococcus Agalactiae	<ul style="list-style-type: none"> • Infected Udders of Other Cows 	From Cow-to-Cow... <ul style="list-style-type: none"> • Contaminated Hands • Contaminated Milking Units • Towels 	<ul style="list-style-type: none"> • Disinfect and Wipe Teats Completely • Use a Different Towel to Wipe Each Cow • Spray Out Milking Units & Gloves Between Cows • Cull Infected Cows
	Staph. Aureus Staphylococcus Aureus	<ul style="list-style-type: none"> • Infected Udders of Other Cows • Contaminated Bedding or Skin 	From Cow-to-Cow... <ul style="list-style-type: none"> • Contaminated Hands • Contaminated Milking Units • Towels 	<ul style="list-style-type: none"> • Disinfect and Wipe Teats Completely • Use Individual Towels to Wipe Each Cow • Spray Out Milking Units & Gloves Between Cows • Cull Infected Cows
Environmental	Coliforms	<ul style="list-style-type: none"> • Manure • Environment of Cow 	From Environment-to-Cow... <ul style="list-style-type: none"> • Poor Cow Preparation • Wet, Dirty Pens & Stalls • Problems with Milking Units • Milking Units that Leak Air 	<ul style="list-style-type: none"> • Disinfect and Wipe Teats Completely • Improve Cleanliness in Pens & Stalls • Prevent Units from Leaking Air • Keep Cows Standing 1-2 Hours after Milking
	Strep. Species Streptococcus species	<ul style="list-style-type: none"> • Skin • Environment of Cow 	From Environment-to-Cow... <ul style="list-style-type: none"> • Poor Cow Preparation • Wet, Dirty Pens and Stalls • Problems with Milking Units • Milking Units that Leak Air 	<ul style="list-style-type: none"> • Disinfect and Wipe Teats Completely • Improve Cleanliness in Pens & Stalls • Prevent Units from Leaking Air • Keep Cows Standing 1-2 Hours after Milking
	Staph. Species Staphylococcus Species	<ul style="list-style-type: none"> • Skin • Some Types of Bedding 	<ul style="list-style-type: none"> • Poor Cow Preparation • Milking Wet Cows 	<ul style="list-style-type: none"> • Disinfect and Wipe Teats Completely