

# Mastitis Control Measures

Type of bacteria	Usual source of infection	Major means of spread	Control Measures
Strep. Ag	Infected udders of other cows in herd	Cow-to-cow with contaminated hands, udder wash rag, teat cups, etc.	Milk clean, dry cows, use individual towels to wash and dry, dip teats; dry cow treatment; herd culture and culling of infected cows
Staph aureus	Infected udders and contaminated bedding or skin	Cow-to-cow with contaminated hands, udder wash rag or milking equipment; of inadequate milking equipment	Milk clean, dry cows, use individual towels to wash and dry, dip teats; dry cow treatment; herd culture and treatment of infected cows
Coliforms	Feces and environment of cow	Environment-to-cow from wet, dirty lots; milking wet cows, poor cow preparation, machine problems and techniques that produce reverse jetting	Improve barn and lot sanitation; milk clean, dry udders; avoid air leaks and keep cows standing 1-2 hours after milking
Strep. sp.	Skin and environment of cow	Environment-to-cow from wet, dirty lots; milking wet cows, poor cow preparation, machine problems and techniques that produce reverse jetting	Improve barn and lot sanitation; milk clean, dry udders; avoid air leaks and liner slips
Staph sp.	Normal inhabitant of skin, some bedding	Poor cow preparation, milking wet cows	Milk clean, dry udders, dip teats