

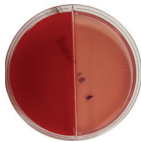
Proposed Mastitis Treatment Protocols for Grade 1 or Grade 2 Mastitis

(Please consult with your herd veterinarian for exact treatment recommendations)

Take milk sample for culture and plate



Read at 18 to 24 hours



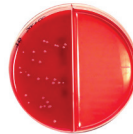
NO GROWTH

Diagnosis:

Cow self-cured
(occasionally: Myco plasma or *Staph aureus* but not shedding).



No treatment. Withhold milk from bulk tank until milk is clinically normal.



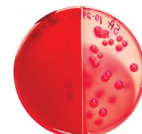
GROWTH ON GRAM-POSITIVE SIDE

Diagnosis:

Streptococcus species, coagulase-negative Straphylococci (environmental staphs), *Staphylococcus aureus*, other strep-like species.



Short-duration therapy (except if chronic case, long term high SCC or *Staph aureus*). Withhold milk until clinically normal and drug residue period is over.



GROWTH ON GRAM-NEGATIVE SIDE

Diagnosis:

E. coli, *klebsiella* or other Gram-negative.



No treatment. Withhold milk until clinically normal. (Exception: Grade 3 mastitis should be treated immediately on diagnosis.)

Residue Warnings:

1. Milk that has been taken from animals during treatment and for 96 hours after the last treatment must not be used for food.
2. Treated animals must not be slaughtered for food until 4 days after the last treatment.
3. Administration of more than the prescribed dose may lead to residue of antibiotic in milk longer than 96 hours.