REDUCE MASTITIS AND IMPROVE MILK QUALITY

MONITOR

Teat score 50 cows in early, mid and late lactation

Healthy teat skin and teat ends reduce the risk of bacteria entering the teat canal and causing mastitis



If below target Repair damaged/muddy races Wash dirty teats before cupping Add 10-15% extra emollient to teat spray



>80% normal <20% rough

Arrange a vet milking-time visit to assess vacuum, pulsation etc.

Minimise over-milking

TEAT SPRAY COVERAGE Target

Staff training

Check auto sprayers

100% full coverage

Your results

	Date	% Supple teat skin	% Normal teat ends	% Full teat spray coverage
Early				
Mid				
Late				

Strip herd once a week

Routinely test clinical mastitis

Schedule 4+ herd tests per year



■ 日本 ■ Scan here for the AgriHealth teat scoring

MANAGE

Clinical mastitis

Signs include hot swollen quarter and/or milk that has clots, flecks or is watery







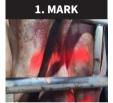






0% partial coverage

If you find a mastitis case











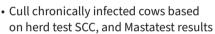




Subclinical mastitis

• Use Mastatest HiSCC for: -RMT positive colostrum cows -Highest 20 SCC cows at each herd test (to identify Staph. cows)

• Manage Staph. aureus cows to reduce spread of infection e.g. milk last



• Treat infected cows with dry cow therapy at drying off



MINIMISE

Dry cows / springers

Treat heifers pre-calving with teat sealant. At drying off treat uninfected cows with teat sealant, and treat likely infected cows with antibiotic dry cow therapy and/or teat sealant.

Teat spray every time cows come to the shed Milk cows if they leak before calving

Colostrum cows



are dirty - use low pressure water and rub each dirty teat



to reduce spread of bacteria and for more comfortable milking



Teat spray before milking Strip each quarter every milking to detect and treat mastitis early



then teat spray again. Ensure full coverage of all teats



(RMT) on 8th milking for cows, or 10th milking for heifers

Ready to Milk assessment

Astivo (I) Fractiont (I) Water (I) Tatal(I)

Teat Spray Mix

	Active (L)	Emollient (L)	Water (L)	Total(L)				
,	VacuumkPa							
	Liner replacement everymonths							
,	Actions:							

End of season milk quality review date/.......

Milking cows



Wash teats if they are dirty - use low pressure water and rub each dirty teat



Bend hose and wait until vacuum drops before removing cups



surface of every teat after every milking



Weekly - strip each quarter to detect clinical mastitis early



Adopt efficient milking with MaxT www.dairynz.co.nz/ milking/milking-efficiently

TOP TIPS

- 1. Keep hands clean during milking
- 2. Don't spray water onto udders
- 3. Teat spraying reduces new infections by 50% so teat spray every teat every milking all year
- 4. Milk the 'young cow' herd first



