



SCC DIAGNOSTICS TOOL BOX



W-MP-2: Milk Quality/Mastitis Action Plan

1. Estimated production losses due to mastitis

PRODUCTION LOSSES DUE TO SUBCLINICAL MASTITIS

Lactation group	No. of cows		Avg LS	Goal		Production loss/unit LS	=	Lbs milk lost per group
1st Lactation:	_____	x	(_____ - 2.0)		x	220 lb	=	_____
Other Cows:	_____	x	(_____ - 2.5)		x	440 lb	=	_____
_____ x _____ = _____ Total lbs lost Milk price per lb							=	
								Annual production loss due to subclinical mastitis

OPPORTUNITY FROM MILK QUALITY PREMIUMS

Maximum SCC premium from your milk plant: \$ 0. _____ per cwt (at 150,000 SCC)

Average quality premium received last year: \$ 0. _____ per cwt

Potential premium difference: \$ 0. _____ per cwt

_____ x _____ x _____ / 100 = _____
 Rolling Herd Average No. of cows Prem. diff per cwt

Annual premium opportunity

LOSSES FROM CLINICAL MASTITIS:

_____ - _____ x \$107 = _____
 Estimated no. of cases (mastitis cases/yr) Target no. of cases/yr (15% of no. of cows)

Annual loss to clinical cases

The average clinical mastitis will cost \$107, as a combination of \$12 in medication, \$90 in discarded and decreased milk, \$2 in veterinary cost, and \$3 in labor (Hoblet, NMC 1991).

2. Factors that need attention on your farm

- | | | |
|--|---|--|
| <input type="checkbox"/> Milking Routine | <input type="checkbox"/> Bedding / Stall Management | <input type="checkbox"/> Clinical Mastitis |
| <input type="checkbox"/> Milker Training | <input type="checkbox"/> Alley Management | <input type="checkbox"/> Treatment Protocols |
| <input type="checkbox"/> Milking System | <input type="checkbox"/> Dry Cow Program / Housing | <input type="checkbox"/> Standard Operating Procedures |
| <input type="checkbox"/> Parlor Hygiene | <input type="checkbox"/> Contagious Mastitis | <input type="checkbox"/> Herd Records |
| <input type="checkbox"/> Cow Hygiene | <input type="checkbox"/> Environmental Mastitis | <input type="checkbox"/> Others: _____ |

Use [F-MP-2: Goal/Action Plan Selection Decision Matrix](#) to prioritize your milk quality/mastitis goals

3. Milk quality / mastitis goals

Select and list your most important goals based on the impact to your dairy and the probability that it can be successfully completed.

Describe the goal	Completion date	How will results be monitored?

See *Worksheet 6: SMART Goals in the Dairy Diagnostics Tool Box* at <http://ansci.umn.edu/extension-outreach/dairy-diagnostics-toolbox>

4. Milk quality / mastitis action plan

List the action you have planned to achieve the above goals. Also list **WHO** will be responsible for implementing the plan and **WHEN** the plan will start.

WHAT will be done?	WHO is responsible?	WHEN do we start?

5. Schedule follow-up

WHEN will our next meeting be to review progress?

Date: _____

Time: _____

Location: _____

