



# SCC DIAGNOSTICS TOOL BOX

## QCW-10: 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	_____	Milk price per lb	=	<input type="text"/>
								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)

*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 QCF-5: Goal/Action Plan Selection 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?

#### 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.

<b>WHAT</b> will be done?	<b>WHO</b> is responsible?	<b>WHEN</b> do we start?

#### 5. Schedule follow-up

WHEN will our next meeting be to review progress?

Date: \_\_\_\_\_

Time: \_\_\_\_\_

Location: \_\_\_\_\_

