

"What Does Mastitis Cost at Your Dairy?"

ABS Mastitis and Dip Differential Calculator
ABS Global Technical Services

Dairy Farm Name **Sample Farm** **Valiant**
quality milk system®

Date **1-Jun-11**

Only fill in light yellow cells

Step 1: Herd Inputs **Step 2: Incidence Rate Calculation Methods (choose one)**

Herd size	900
Replacement cost dead cow	\$1,500
Replacement cost cull cow	\$1,000
Milkings per day	3
Value of lost milk (\$/cwt)	\$21.00
Value discarded milk (\$/cwt)	\$9.00
DOPN cost estimated	\$3.00
Farm labor per hour	\$11.25

1	Mastitis events/year	1125	126	Enter Calculation Method from the left
	Hospital cows today	35		
2	Percent hospital mastitis	88%	126	3
	Average days in hospital	10		
3	New infection rate (logscores)	21%	126	
	Detection sensitivity	50%		

Step 3: Mastitis Case Specifics

	Mastitis incidence rate %	% Death per case	% Culled per case	Milk not made lb/case	Milk discard lb/case	Extra days oper days/case	Farmer labor hr/case	Vet & drug \$/case	Cost/case \$	Herd cost per year \$
Goals	80	1.1	7	275	300	21	1	15	\$261	\$187,560
Current	126	1.1	12.7	275	850	30	1	15	\$394	\$446,796

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Step 4: Product Inputs

Predip usage cows/oz	2
Postdip usage cows/oz	2
Current pre-dip \$/gal	\$ 4.00
Current post-dip \$/gal	\$ 10.00
Proposed pre \$/gal	\$ 9.52
Proposed post \$/gal	\$ 10.00

Step 5: Analyze Results

Estimated pre-dip usage gal/mo	316
Estimated post-dip usage gal/mo	316
Annual pre-dip product cost difference	\$ (20,959)
Annual post-dip product cost difference	\$ -
Estimated reduction in mastitis costs	\$ 259,236
Net gain/(loss) herd cost per year	\$ 238,277

FREE
Mastitis Calculation!

Our Products & Systems Can Put YOU in Control of Mastitis!

(7) Protocol Tested Dual Germicide Teat Dips

- | | |
|-----------------------|-----------------------------------|
| 1. Barrier 112 | Iodine / Heptanoic Acid |
| 2. Sentinel Plus | Hydrogen Peroxide / LAS |
| 3. Valiant Pre | Chlorine Dioxide / LAS |
| 4. Valiant Pre / Post | Chlorine Dioxide / LAS |
| 5. Valiant Barrier | Chlorine Dioxide / LAS |
| 6. Valiant Shield | Chlorine Dioxide / Heptanoic Acid |
| 7. Express | Chlorine Dioxide / LAS |

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