

Milk Production

	Gallons Per Cow
2010	2.15
2011	3.09

Milk production actually increased by 30%. Other impacting variables include access to better feed in 2011 and an older herd with a larger number now in their second lactation.

Milk Components

	Fat	Protein
2010	4.32	3.44
2011	4.08	3.92

The data show that the fat decreased slightly and the protein increased.

Herd Health

	2010	2011
SPC	17,300	3,800
SCC	253,000	426,000
Mastitis	<1%	1.8%
Mortality	1 cow	none

Generally speaking the overall health of the herd improved. There was an an increase in the incidence of mastitis and the SCC count. Once-a-day milking may be a major factor.

Financial Impact

	2010	2011
Fuel	none	\$1920
Labor	\$2560 (add. milking)	\$2240 (transport)
Capital Cost*	none	\$384
Sawdust	none	\$160
Hay/Green Chop	<u>\$4800</u>	<u>\$600</u>
	\$5360	\$5304

*Capital costs included a truck at \$2500, a trailer at \$9000 and docks and gates at \$850 for a total of \$12350 spread over ten years. The financial cost of transporting the cows during this period was actually less than the cost of feeding hay in a quasi-confinement situation. The cost per gallon of milk in 2010 was \$1.12 and in 2011 was \$.69 per gallon. (The number of gallons generated in 2011 was substantially more than in 2010.)

This data is also presented in our project summary, *Cow Taxi Talk*, included with this report.