



Field Demonstration: The Impact of Fresh Cow YMCP® Paste on milk production and milk components when given at calving.

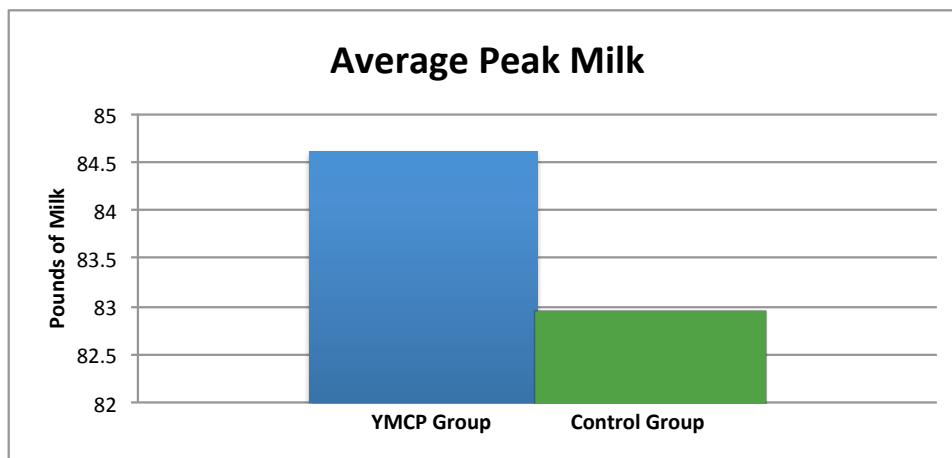
In January of 2011, Kevin Sousa, manager of Victory Farms located in South Dakota, initiated a trial to review the effects of Fresh Cow YMCP Paste, a supplement given to cows immediately after calving, to maximize milk production during lactation. The trial was conducted among a group of 237 fresh cows. Cows that freshened beginning on December 16th, 2010 and continuing for a one month time period were randomly selected to be a part of either the control group or those that were given one tube of Fresh Cow YMCP Paste immediately post-calving.

Milk Production

Victory Farms found that milk production significantly increased for those cows in the YMCP Group. Refer to the chart below to see the beneficial impact YMCP had on peak milk in participating cows of second lactation and greater. As you can see, Jersey Cows in the YMCP Group, which consisted of 53 cows of the total 237 cows in this trial, averaged a 26.27 pound peak milk advantage. Holstein Cows in the YMCP Group, which consisted of 35 cows, averaged a 1.32 pound peak milk advantage.

Peak Milk - Participating Cows of 2nd Lactation and Greater		
	Jersey Cows	Holstein Cows
YMCP Group	81.89 lbs	102.23 lbs
Control Group	55.62 lbs	100.91 lbs

Not only did Victory Farms see a significant increase in peak milk within second lactation and mature cows, but as you can see in the graph below, the overall average peak milk of all cows in the YMCP Group, which consists 125 of the total 237 cows in this trial in comparison with the Control Group which consists of 112 cows, averaged a 1.67 pound peak milk advantage.



Along with observing the advantages in peak milk during this trial, Victory Farms also noted benefits in milk components with increased butterfat and protein. The graph below describes the average percent of butterfat and average percent of protein to date in both Jersey and Holstein cows in the YMCP Group. As you can see, the beginning totals show significant increases compared to previous lactations.

