



## Field Demonstrations: The effect of Fresh Cow YMCP® on blood calcium

Fresh cows are challenged with not only a need for extra calcium at calving but a reduction in dry matter intake. With this in mind many calcium supplements have been developed for fresh cows.

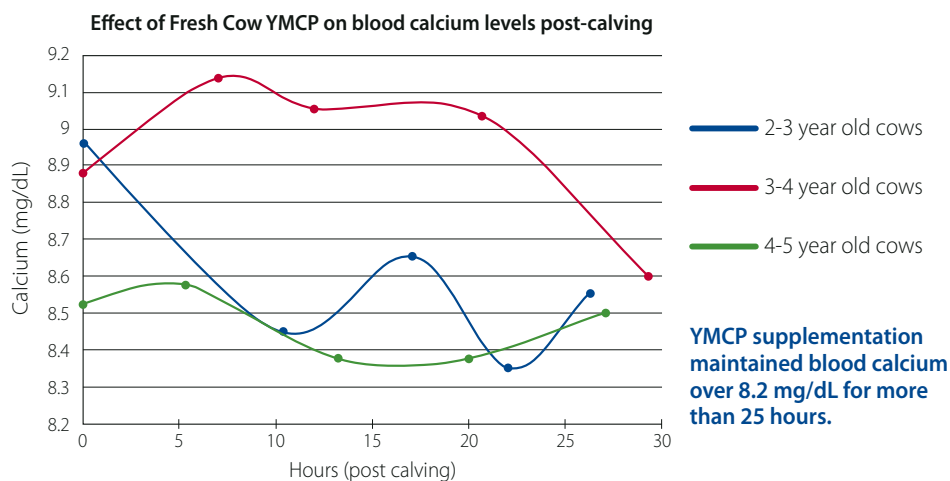
Fresh Cow YMCP is unique in these supplements as it combines calcium from 4 different sources together with magnesium, potassium and live yeast to better meet a cows nutritional needs at calving.

In November 2014 and February 2015 a study was undertaken The Transition Barn For Baldwin and Emerald Dairies in Western Wisconsin to determine the effect of 1 pound of YMCP mixed in warm water and offered free-choice or pumped into dairy cows. For this study we took a baseline (zero hour) blood sample and then 4 additional samples at various intervals to at least 24.5 hours. All samples were analyzed at a commercial laboratory on the same day. Fourteen cows were supplemented with YMCP and blood tested in this manner. Only cows that were 2nd lactation or greater were used. We would expect a decline in calcium if cows were not supplemented in this group of cows. By looking at the decline of calcium levels (or lack thereof) we can make a determination that YMCP is influencing blood calcium levels positively. In our study we used a blood level of 8.2 mg/dL (milligrams per deciliter) which is what Dr. Garrett Oetzel at UW Madison advises. Our reference lab (Marshfield) gives a range of 7.9-10 mg/dL as normal so we are being aggressive in looking at low values.

In our study we found that in all 3 of the age groups of cows there was an excellent response to YMCP supplementation. These cows either maintained >8.2 or increased their calcium levels from calving levels for 24 hours. Average age of this group was 4 years.

None of the fourteen supplemented cows were diagnosed with a DA or culled for the next 35 days.

*Trial conducted by Tom Whitten, DVM - Consulting Veterinarian for TechMix.*



**Summary:** Contains yeast, magnesium, calcium, potassium, niacin, betaine and other key nutrients to help cows transition into lactation after freshening. Fresh Cow YMCP helps increase feed intake, speeds post-freshening recovery, helps to maximize milk production, and is proven to help reduce metabolic problems.