A pilot study evaluating differences in commercial yeast cultures was conducted using 20 cows housed at the Texas A&M University dairy at Commerce, Texas. Dietary treatments were designed to compare the milk production of cows receiving supplemental MagnaFerm Yeast Culture to those consuming Diamond V Yeast Culture XP. The treatments consisted of 2 ounces of either MagnaFerm or Diamond V added to the daily ration beginning 21 days before calving and continuing through 60 days in milk. Parity differences were equalized to minimize variation. Cows joined their test groups as they freshened throughout the fall.

The study exposed large biological differences between the groups and the yeast cultures. During eight of the nine weeks on test, the cows fed MagnaFerm produced more milk than the cows consuming Diamond V. In the remaining week, the production was the same. On average, cows with MagnaFerm in their lactation ration held a 7.22 pound per day advantage in milk production.