

EB-LYS™ Dairy Trial

12-5-18 to 2-10-19

MIDWEST
DAIRY

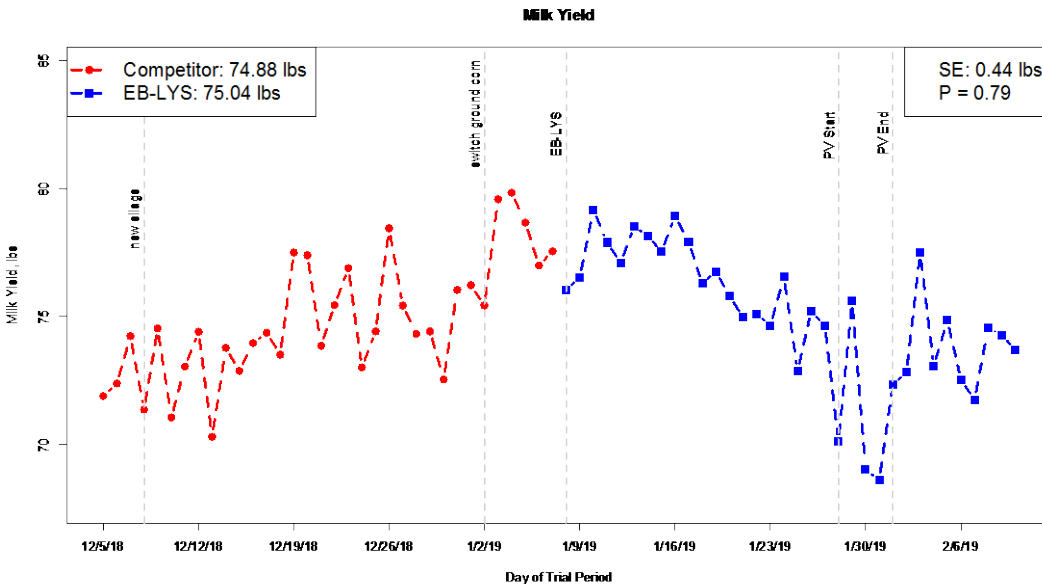


TRIAL SUMMARY

- **Saved \$43.00 per cow per year**
(365 days/year x \$0.12 savings/cow/day)
- Based on the milking cow ration cost difference, then multiplied by the number of tons used in a month
- 2,400 cows in the trial
- Cost savings of **\$8,475** per month was realized by switching to **EB-LYS™**
- \$8,475 over 30 days = \$282.50 savings/day
- \$282.50 per 2,400 cows = \$0.12 savings/cow/day

KEY TRIAL DATES

- 12-5-18 to 2-10-19 | Trial Period
- 12-5-18 | Feeding competitor's product
- 1-29-18 | New Corn Silage
- 1-2-19 | Change Ground Corn Source
- 1-8-19 | Switch from competitor to **EB-LYS™**
- 1-28-19 to 2-1-19 | POLAR VORTEX
Competitor experienced 9 days w/ below avg. temps
EB-LYS™ experienced 24 days w/ below avg. temps



KEY RESULTS

Milk Yield | No difference

- **EB-LYS™** – 75.04 lbs.
- Competitor – 74.88 lbs.

Milk Protein | No difference

- **EB-LYS™** – 3.31%
- Competitor – 3.25%

Milk Fat | Slight decrease

- **EB-LYS™** – 4.03%
- Competitor – 4.15%

FEEDING INFORMATION

- Cows received 0.136 lbs. (61.5 grams) /cow/day of **EB-LYS™** for the trial period
- Competitive product was replaced by deliverable lysine by the nutritionist

CONCLUSION

- Both milk yield and milk protein maintained
- Significant cold stress during trial (Polar Vortex)
- Slight decrease in fat test corresponded to change in ground corn source and extreme cold weather
- **EB-LYS™** performed as expected and saved the Dairy significant dollars