

Optimizing ruminal fermentation using silage and cereal grain inclusion strategies for backgrounding and finishing steers

Project overview

This research aims to improve the use of barley and corn as silage and grain by providing data comparing the performance for growing and finishing steers. The project will also assess the digestibility of barley and evaluate how silage type and cereal grain type influence nutrient intake, ruminal digestibility, and total tract digestibility for backgrounding and finishing phases.

This project's researchers hypothesize that providing complex diets containing mixtures of barley and corn will improve rumen fermentation characteristics and enhance the growth and performance for growing and finishing cattle.