



2019-120: Developing hybrid bromegrass with improved neutral detergent fiber digestibility

Researcher: Gregory Penner

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Neutral Detergent Fiber (NDF) is a part of a plant's structural components, specifically the cell walls. Generally, high NDF denotes lower digestibility. Drs. Greg Penner and Bill Biligetu have been investigating hybrid bromegrass populations which have a higher NDF digestibility, which resulted in a 4.6% increase in digestibility. This research project hopes to expand this to 10%, while retaining or improving other agronomic traits.