SASKATCHEWAN CATTLEMEN'S ASSOCIATION

2017-144: Development of best management practices for residue and fertility management of annual polyculture

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Reducing inputs and increasing soil health provides a win-win scenario for producers. Annual polycrop mixtures could more closely mimic the natural ecosystem, which is thought to reduce inputs, improve soil, suppress weeds, increase yield, increase C sequestrations, etc. This study will investigate the effect of annual polyculture residue and fertility management on forage production/quality, soil health, & productivity. Three different polycrop mixtures suitable for each region, rotated with cereal crops, will be evaluated in field trials at Melfort and Swift Current.