



**2019-119: Field evaluation of one catalytic seed treatment inducing multiple agronomic responses in forage crops. Optimization of a novel catalytic seed treatment inducing higher germination rates and nodulation in Cicer milkvetch cultivars.**

**Researcher: Karen Tanino**

**Funding: \$30,000**

**Cicer milkvetch is difficult to establish in any areas of Saskatchewan. The seed is also comparatively expensive. However, once this crop has established, this non-bloat legume has demonstrated long term stand health. Previous research has indicated that soaking the seeds in a catalytic solution allows for much greater germination and root growth, with nodulation. This research will concentrate on cicer milkvetch to determine the best dose for these seeds, and then conduct field trials.**