



## **2018-133: Improving lipid content in vegetative tissue to increase the nutritive value of herbaceous legume forages**

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**While alfalfa is an important feed source for many producers throughout the province, it is not a good source for fat or lipids, and bloat is commonly a risk. This research will use a technique to alter the genes of the alfalfa and sainfoin plant to increase the oil content, and to increase protein digestibility. It might also reduce the cost of adding oils to a ration, which also decreasing the amount of methane from cattle.**