

# Agricultural Demonstration of Practices and Technologies (ADOPT)

Applications for these ADOPT projects were submitted for the Nov. 22, 2019 deadline and funding was approved by the Minister on February 5, 2020. Project titles identified with an asterisk (\*) were co-funded by the ministry and Fertilizer Canada. Projects will be initiated in the spring of 2020.

<b>Conservation Learning Centre (CLC)</b>	
Alternative cropping options for North Central Saskatchewan	\$ 7,200
Cover crop variety and seeding date trial for weed suppression under organic management system	\$17,540
Demonstrating InVigor canola salt tolerance of varying seed size vs barley	\$10,000
Improving nitrogen use efficiency in <i>Brassica</i> (cole) vegetable production	\$10,000
<b>District 26 ADD Board</b>	
Demonstrating the effect of fall cutting date on forage legumes	\$ 7,700
<b>East Central Research Corporation (ECRF)</b>	
*Canola seed safety and yield response to novel P sources in Saskatchewan soils	\$ 7,388
*Demonstrating 4R Nitrogen principles in relation to yield and protein management of spring wheat	\$ 5,670
Dry bean response to Nitrogen fertilizer rate in dryland, solid-seeded production	\$ 4,850
Effect of spray management on leaf disease and Fusarium Head Blight of wheat	\$ 6,860
Forage yield and quality of barley, oats and triticale under low and high inputs	\$ 9,978
Managing post-anthesis applications of Nitrogen to reduce “leaf burn” and improve the yield/protein response of wheat	\$ 6,370
Starter fertilizer improves alfalfa stand establishment and forage yield	\$ 4,200
Test weight stability of grain miller’s recommended oat varieties for Northeastern Saskatchewan	\$ 9,000
<b>Indian Head Agricultural Research Foundation (IHARF)</b>	
*Canola seed safety and yield response to novel P sources in Saskatchewan soils	\$ 7,388
Dry bean response to Nitrogen fertilizer rate in dryland, solid-seeded production	\$ 4,850
Input contributions to spring wheat yield, quality and profits	\$ 9,600
Seeding rates to reduce tillering and flowering duration for Fusarium Head Blight management in wheat	\$ 7,375
<b>Irrigation Crop Diversification Corporation (ICDC)</b>	
Crop rotation benefits of annual forages preceding spring cereals	\$18,361
<b>Northeast Agriculture Research Foundation (NARF)</b>	
Alternative cover crop options for establishing forage legumes for seed production	\$13,120
Camelina: a new crop option for Northeastern Saskatchewan	\$ 8,000
Crop rotation benefits of annual forages preceding spring cereals	\$18,400
Dry bean response to Nitrogen fertilizer rate in dryland, solid-seeded production	\$ 4,850

Managing canaryseed through agronomy	\$ 7,700
<b>Prairie Swine Centre, Inc.</b>	
Post-farrow feed intake in sows	\$10,000
<b>Saskatchewan Beekeepers Development Commission</b>	
Demonstrating a newly registered miticide, Hopguard II, to Saskatchewan beekeepers	\$10,000
<b>Saskatchewan Forage Council</b>	
*4R Nitrogen use in mixed forage stands	\$ 9,680
A demonstration of corn silage yield under high fertility conditions	\$25,578
<b>Saskatchewan Forage Seed Development (SFDC)</b>	
Demonstration of night spraying technology for control of lesser clover leaf weevil, <i>Hypera nigrirostris (Fabricius)</i> in single cut red clover, <i>Trifolium pratense L.</i> grown for seed production in Saskatchewan	\$18,370
Seed production viability of crimson clover and berseem clover grown under irrigation in Saskatchewan	\$10,000
<b>Saskatchewan Fruit Growers Association (SFGA)</b>	
Apple scionwood and dwarf apple rootstock productivity and disease resistance	\$17,260
High tunnel raspberry production	\$17,260
Methods to improve productivity of sour cherry suffering from blind wood	\$17,260
<b>Saskatchewan Sheep Development Board</b>	
Introduction and demonstration of synchronization induction production model to Saskatchewan sheep producers	\$20,000
<b>Saskatchewan Sunflower Committee</b>	
Demonstrate and compare the effect of different cover crops seeded with sunflowers on sunflower grain yield and cover crop biomass	\$19,700
<b>Saskatchewan Vegetable Growers Association</b>	
Demonstration of bio and chemical control options for the management of <i>Sclerotinia</i> in pumpkins	\$ 9,975
Demonstration of efficacy of bumble bee ( <i>Bombus huntii</i> ), honey bee ( <i>Apis mellifera</i> ) and leafcutter bee ( <i>Megachile rotundata</i> ) on pickling cucumbers	\$19,950
Demonstration of short season varieties of sweet potato	\$ 9,975
<b>SaskFlax</b>	
Pre-harvest weed control and desiccation options for flax	\$21,350
<b>SaskOats</b>	
Oat pea intercrop demonstration	\$23,280
<b>South East Research Farm (SERF)</b>	
Alternative cover crop options for establishing forage legumes for seed production	\$12,120
Can an intercrop of forage soybeans and flourey silage corn produce a higher value forage crop than a monoculture of each crop?	\$ 6,840
Dry bean response to Nitrogen fertilizer rate in dryland, solid-seeded production	\$ 4,850
<b>Western Applied Research Corporation (WARC)</b>	
*Canola seed safety and yield response to novel P sources in Saskatchewan soils	\$ 7,388
Seeding rates to reduce tillering and flowering duration for Fusarium Head Blight management in wheat	\$ 7,375
<b>Wheatland Conservation Area Inc. (WCA)</b>	
*Canola seed safety and yield response to novel P sources in Saskatchewan soils	\$ 7,388

Crop rotation benefits of annual forages preceding spring cereals	\$18,400
Demonstrating InVigor canola salt tolerance of varying seed size vs barley	\$10,000
Seeding rates to reduce tillering and flowering duration for Fusarium Head Blight management in wheat	\$ 7,375
<b>Yorkton Agricultural Information Inc.</b>	
Establishment of saline tolerant perennial forages in annual cropland	\$10,841
<b>Grand Total</b>	<b>\$558, 615</b>