

# Agricultural Demonstration Practices and Technologies (ADOPT)

Funding for these ADOPT projects was approved by the Minister on March 2, 2021.

Project titles identified with an asterisk (\*) were co-funded by the Ministry and Fertilizer Canada

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<b>Canary Seed Development Commission of Saskatchewan</b>	<b>\$15,500</b>
Controlling flax volunteers in canary seed	\$15,500
<b>East Central Research Foundation</b>	<b>\$61,157</b>
Influence of potassium fertilizer on yield and seed quality of malt barley & spring wheat	\$9,600
Effects of nitrogen timing and method of application on wheat yield and grain protein*	\$7,350
Improving fungicidal efficacy of fusarium head blight in wheat with proper seeding rate	\$5,120
Effect of nozzle selection and operating height on the efficacy of dribble banded UAN in canola	\$7,540
Management of CWRS vs CWSP varieties of wheat	\$7,680
Flax yield response to added phosphorus depends on stubble type and cultivation	\$10,000
Dry bean response to nitrogen fertilizer rate in dryland, solid-seed production	\$4,850
Canola seed safety and yield response to novel phosphorus sources in Saskatchewan soils*	\$9,017
<b>Indian Head Agricultural Research Foundation</b>	<b>\$40,540</b>
Influence of potassium fertilizer on yield and seed quality of malt barley & spring wheat.	\$9,600
Dry bean response to nitrogen fertilizer rate in dryland, solid-seed production	\$4,850
Seeding rates to reduce tillering and flowering duration for fusarium head blight management in wheat	\$7,375
Canola seed safety and yield response to novel phosphorus sources in Saskatchewan soils*	\$9,015
Sclerotinia risk assessment tools for spray decision support in canola	\$9,700
<b>Irrigation Crop Diversification Corporation</b>	<b>\$31,215</b>
Influence of potassium fertilizer on yield and seed quality of malt barley & spring wheat.	\$10,000
Demonstration of irrigation scheduling using remote sensor technology	\$8,732
Field demonstration of plant growth regulator application in irrigated wheat production	\$998
Irrigated canola fungicide demonstration	\$2,468
Canola seed safety and yield response to novel phosphorus sources in Saskatchewan soils*	\$9,017
<b>Northeast Agricultural Research Foundation</b>	<b>\$39,600</b>
Dry bean response to nitrogen fertilizer rate in dryland, solid-seed production	\$4,850
Sclerotinia risk assessment tools for spray decision support in canola	\$8,700
Increasing the adoption of new green and yellow pea varieties by comparing agronomic and economic factors	\$6,400
Seed-safety of novelty phosphorus products in canola	\$9,850
Oat varietal response to Manipulator	\$9,800
<b>Prairie Swine Centre</b>	<b>\$10,000</b>
Time of feeding on farrowing time in sows	\$10,000
<b>Saskatchewan Flax Development Commission</b>	<b>\$74,297</b>

Pre-harvest weed control and desiccation options for flax	\$24,457
Flax response to non-traditional nitrogen fertilizer management strategies	\$49,840
<b>Saskatchewan Conservation Learning Centre</b>	<b>\$34,060</b>
Influence of potassium fertilizer on yield and seed quality of malt barley & spring wheat.	\$9,600
Under-seeding red clover as a cover crop in winter wheat in North-central Saskatchewan	\$7,200
Demonstrating faba bean inoculant types and application methods	\$6,040
Lentil phosphorus response in the North-central region	\$5,120
Demonstrating the use of plant growth regulators to reduce lodging while realizing yield potential through increased N fertilization	\$6,100
<b>Saskatchewan Forage Council</b>	<b>\$74,500</b>
4R nitrogen use in mixed forage stands part 2**	\$13,396
Demonstration and evaluation of management benefits of grazing management programs to improve range productivity in SK	\$45,340
Evaluating higher crop heat unit corn varieties for irrigated silage in the Lake Diefenbaker area	\$15,764
<b>Saskatchewan Forage Seed Development Commission</b>	<b>\$59,376</b>
Demonstration of intercropping perennial ryegrass with oat using different seed placements and seeding rates	\$20,000
Demonstration of intercropping perennial ryegrass with oat using different seed placements and seeding rates	\$19,588
Demonstration of intercropping perennial ryegrass with oat using different seed placements and seeding rates	\$19,788
<b>Saskatchewan Oat Development Commission</b>	<b>\$73,100</b>
Are oats responding to higher levels of macronutrients?*	\$35,000
Which oat varieties hold it together, when the going gets tough.	\$38,100
<b>Saskatchewan Pulse Growers</b>	<b>\$30,220</b>
Lentil Response to fertilizer applications and rhizobial inoculation	\$30,220
<b>Saskatchewan Seed Potato Grower's Association</b>	<b>\$9,030</b>
Demonstration of a new product for the control of wireworms in potato	\$9,030
<b>Saskatchewan Vegetable Growers Association</b>	<b>\$38,500</b>
Determining sizes profiles of Saskatchewan grown cantaloupe for a retail market	\$9,975
Potential to use sequential plantings to extend the harvest period of pickling cucumbers	\$9,975
Demonstration of pumpkin processing	\$9,100
Demonstration of carrot cultivars suitable for the cut and peel market	\$9,450
<b>South East Research Farm</b>	<b>\$47,167</b>
Influence of potassium fertilizer on yield and seed quality of malt barley & spring wheat.	\$9,600
Intercropping fababeans: Feed grain vs forage	\$15,000
Dry bean response to nitrogen fertilizer rate in dryland, solid-seed production	\$4,850
Canola seed safety and yield response to novel phosphorus sources in Saskatchewan soils*	\$9,017
Sclerotinia risk assessment tools for spray decision support in canola	\$8,700
<b>Western Applied Research Corporation</b>	<b>\$25,092</b>
Seeding rates to reduce tillering and flowering duration for fusarium head blight management in wheat	\$7,375
Canola seed safety and yield response to novel phosphorus sources in Saskatchewan soils*	\$9,017
Sclerotinia risk assessment tools for spray decision support in canola	\$8,700
<b>Wheatland Conservation Area</b>	<b>\$42,092</b>

Influence of potassium fertilizer on yield and seed quality of malt barley & spring wheat.	\$9,600
Demonstrating fertility practices to manage chickpea maturity and early disease resistance	\$8,900
New and novel crops demonstration	\$7,200
Seeding rates to reduce tillering and flowering duration for fusarium head blight management in wheat	\$7,375
Canola seed safety and yield response to novel phosphorus sources in Saskatchewan soils*	\$9,017
<b>Grand Total</b>	<b>\$705,446</b>