

2025 ADOPT Projects

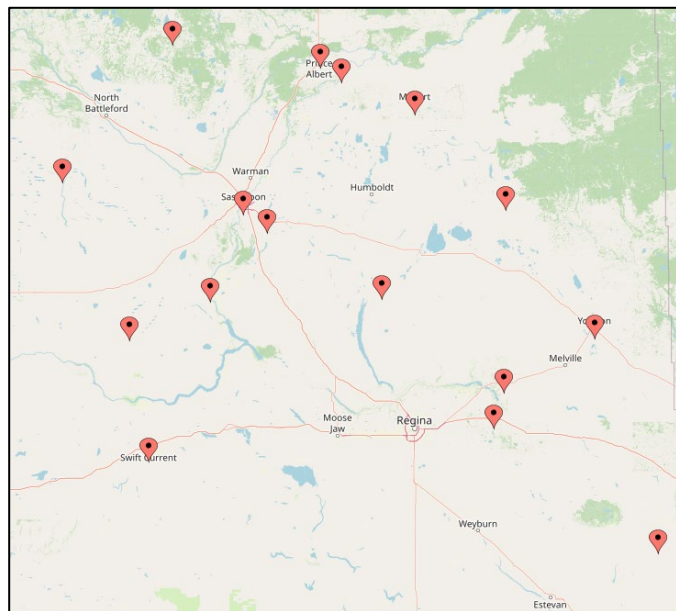
April 2026

Agriculture Demonstration of Practices and Technologies (ADOPT) Projects for 2025/26

- **Ten** projects were approved in the June 2025 intake for a total of **\$244,797**.
- **Twenty-five** projects were approved in the November 2025 intake for a total of **\$626,587**.

Applicant Type	Applicant	Number of Approved Projects*
Agri-ARM sites	Conservation Learning Centre (CLC)	4
	East Central Research Foundation (ECRF)	7
	Indian Head Agricultural Research Foundation (IHARF)	3
	Irrigation Saskatchewan (ISASK)	7
	Northeast Agriculture Research Foundation (NARF)	7
	South East Research Farm (SERF)	7
	Western Applied Research Corporation (WARC)	4
	Wheatland Conservation Area (WCA)	5
Producer Organizations	Mustard21 Canada	1
	Nokomis Agricultural Society	1
	Prairie Swine Centre	2
	Saskatchewan Barley Development Commission	2
	Saskatchewan Beekeeping Development Commission	1
	Saskatchewan Forage Seed Development Commission	1
	Saskatchewan Fruit Growers Association	2
	Saskatchewan Pulse Growers	2
	Saskatchewan Vegetable Growers Association	2
	Yorkton Agricultural Information	1
First Nations	Peepeekisis Cree Nation	1
	Muskoday First Nation	1
	Witchekan Lake First Nation	1

Location	Number of Approved Projects*
Balcarres	1
Clavet	1
Elrose	1
Indian Head	6
Kelvington	1
Melfort	11
Muskoday	1
Nokomis	1
Outlook	11
Prince Albert	8
Redvers	10
Saskatoon	4
Scott	5
Spiritwood	1
Swift Current	9
Yorkton	10



*Note: Some projects take place at multiple sites.

4R EEF Application in Fall – Right Product and Right Application Management (20251530)

Applicants: CLC, ECRF, IHARF, ISASK, NARF, WARC and WCA

Locations: Prince Albert, Yorkton, Indian Head, Outlook, Melfort, Scott and Swift Current

Description: The project aims to demonstrate and evaluate the effectiveness of enhanced efficiency nitrogen fertilizers (EEFs) applied in the fall at multiple sites across Saskatchewan.

ADOPT Funding: \$87,300

Saskatchewan Orchard Advancement Program (20251540)

Applicant: Saskatchewan Fruit Growers Association

Location: Saskatoon

Description: The project plans to establish and evaluate a prairie fruit tree diversity germplasm collection orchard.

ADOPT Funding: \$26,000

Establishing True-to-Type Haskap Production in Saskatchewan (20251542)

Applicant: Saskatchewan Fruit Growers Association

Location: Saskatoon

Description: This project plans to evaluate DNA-based cultivar identification for the University of Saskatchewan-developed haskap varieties in commercial production fields across Saskatchewan.

ADOPT Funding: \$26,000

Buffalo Calving Watch: Testing Low-Disturbance Calving Management in Bison Systems (20251543)

Applicant: Peepeekisis Cree Nation

Location: Balcarres

Description: The objective of this project is to compare conventional monitoring during calving season with a low-disturbance management approach in a bison herd to improve animal welfare and reduce producer workload.

ADOPT Funding: \$12,000

Soil Health Impacts of Bison Manure vs. Synthetic Fertilizer in Potato Production (20251546)

Applicant: Muskoday First Nation

Location: Muskoday

Description: The overall objective of this project is to compare soil health outcomes between plots treated with bison manure and synthetic fertilizer in potato production. The goal is to promote locally informed decisions on fertility management and land stewardship.

ADOPT Funding: \$13,000

Can Targeted Winter Beef Feeding Sites Improve Annual Crop Production by Improving Soil and Nutrient Levels? (20251549)

Applicant: SERF

Location: Redvers

Description: The project will evaluate deposited silage and feeding as a soil amendment solution in eroded knolls.

ADOPT Funding: \$20,000

Bringing Back Buffalo Plants – Testing Establishment Methods for Native Forages in Bison Systems (20251551)

Applicant: Witchehan Lake First Nation

Location: Spiritwood

Description: This project will compare three seeding methods in a controlled plot, generating local results that are easy to observe and replicate for future pasture restoration efforts.

ADOPT Funding: \$19,480

Intercropping Fall Rye and Winter Camelina with Hairy Vetch for Seed Production (20251552)

Applicants: NARF and SERF

Locations: Melfort and Redvers

Description: This project intends to demonstrate the viability of intercropping winter camelina and fall rye with hairy vetch as alternative fall-seeded crops to diversify crop rotation under reduced fertilizer input in Saskatchewan.

ADOPT Funding: \$13,720

Dormant vs. Spring Seeding of Spring Wheat in Northeast Saskatchewan (20251555)

Applicant: NARF

Location: Melfort

Description: This project will demonstrate dormant seeding and ultra-early seeding of spring wheat compared to normal seeding in northeast Saskatchewan.

ADOPT Funding: \$6,500

Effects of Maternal Bovine Appeasing Substance (mBAS) FerAppease on Weaning Response in Beef Calves (20251556)

Applicant: Nokomis Agricultural Society

Location: Nokomis

Description: The project will showcase whether there is a positive impact on using Bovine Appeasing Substance (mBAS) - FerAppease on weaning calves.

ADOPT Funding: \$18,797

Cicer Milkvech 12 Years Later (20251571)

Applicant: ECRF

Location: Yorkton

Description: This project intends to assess the long-term persistence and forage value provided by introducing cicer milkvech to nutrient-poor hayland.

ADOPT Funding: \$3,890

Rejuvenation of Nutrient Poor Hayland with Fertilizer (20251590)

Applicants: ECRF and CLC

Locations: Yorkton and Prince Albert

Description: This project will demonstrate yield response to nutrients (Nitrogen) and offer a mechanism to determine the economic return of applying nutrients to perennial forages.

ADOPT Funding: \$12,020

Evaluating Forage Establishment After Drone Seeding: Comparing Harrowing, Rolling, and Hoof Compaction (20251595)

Applicant: Yorkton Agricultural Information

Location: Yorkton

Description: This project will evaluate the use of drones as a tool for seeding forages. Being a new seeding method, more information about best practices for drone seeding of forages is needed to increase the uptake by producers using this method of seeding, particularly with factors like seed incorporation, and timing of seeding.

ADOPT Funding: \$10,503

Turning Fail Zones into Profit Zones: Fertilizing Hybrid Wheatgrass for Seed Production on Saline Marginal Acres (20251597)

Applicant: Saskatchewan Forage Seed Development Commission

Location: Redvers

Description: This project will evaluate nitrogen rate and timing for encouraging seed yield of CDC Salt King hybrid wheatgrass when grown with barley forage.

ADOPT Funding: \$27,600

Demonstration of Feeding Pollen Supplement and Sugar Syrup on Honeybee Health in Spring (20251604)

Applicant: Saskatchewan Beekeeping Development Commission

Locations: Prince Albert, Melfort and Clavet

Description: This demonstration aims to determine optimal pollen supplements to encourage spring population growth in honeybee colonies.

ADOPT Funding: \$37,560

Tunnel to Table: Demonstrating High Tunnel Watermelon Production in Central Saskatchewan (20251605)

Applicants: CLC and ISASK

Locations: Prince Albert and Outlook

Description: The project wants to demonstrate the suitability of watermelon production under high tunnels in Saskatchewan.

ADOPT Funding: \$18,600

Lentil Response to Varying Phosphorus Forms and Placement Options (20251608)

Applicant: Saskatchewan Pulse Growers

Locations: Indian Head, Scott and Swift Current

Description: The project aims to evaluate how lentils respond to different phosphorus fertilizer formulations and placement methods across major soil-climatic zones in Saskatchewan.

ADOPT Funding: \$39,000

Improving Standability of Wheat Without PGRs (20251617)

Applicants: WARC, IHARF, ECRF, NARF, SERF and ISASK

Locations: Scott, Indian Head, Yorkton, Melfort, Redvers and Outlook

Description: This project will demonstrate the impact of various crop management strategies (PGR, seed rate, variety, nitrogen fertility, potassium) on wheat standability and lodging risk.

ADOPT Funding: \$55,000

Do Regenerative Practices Work as Well as Conventional Herbicides for Controlling Wild Oats? (20251627)

Applicants: NARF and WCA

Locations: Melfort and Swift Current

Description: This project will demonstrate if different levels of herbicide management in canola and wheat crops improve wild oat control. The project will also demonstrate whether forage barley can outcompete wild oat and reduce its density for subsequent crops.

ADOPT Funding: \$34,000

Mixing It Up: Varietal Mixtures for Improved Yield Stability in Feed Barley (20251643)

Applicants: ECRF and CLC

Locations: Yorkton and Prince Albert

Description: This project is planned to demonstrate inter-varietal mixtures of feed barley as a risk management strategy to manage production risks associated with environmental stressors such as disease and drought.

ADOPT Funding: \$20,740

Mustard Biofumigation to Control Wireworm and Other Soil Borne Pests in Potatoes (20251648)

Applicant: Saskatchewan Vegetable Growers Association

Location: Outlook

Description: This project will demonstrate the effect of mustard biofumigation on wireworm damage in potato crops and assess its impact on other soil-borne pests and diseases such as rhizoctonia, fusarium, sclerotinia, verticillium and common scab.

ADOPT Funding: \$8,422

Mustard Biofumigation to Control Fusarium Basal Rot and Other Soil Borne Pests in Garlic (20251649)

Applicant: Saskatchewan Vegetable Growers Association

Location: Kelvington

Description: This project will demonstrate the effect mustard biofumigation has on fusarium basal rot and other soil borne pests in an infested garlic field.

ADOPT Funding: \$11,500

Header Wars: Stripper vs. Conventional (20251655)

Applicant: WARC

Location: Elrose

Description: This project intends to compare the post-harvest impacts of stripper and conventional headers by evaluating how each residue type influences soil moisture retention, snow capture, nutrient cycling and overall field conditions for the following growing season.

ADOPT Funding: \$7,310

Evaluating the Effect of Music-Based Environmental Enrichment on Pig Welfare and Performance (20251659)

Applicant: Prairie Swine Centre

Location: Saskatoon

Description: The overall objective of this project is to evaluate the effects of music-based enrichment on the health, behaviour and performance of nursery/grow-finishing pigs.

ADOPT Funding: \$20,000

Showcasing LVC Faba Bean Varieties to Encourage Adoption of New Varieties with Improved Traits (20251661)

Applicant: Saskatchewan Pulse Growers

Locations: Prince Albert, Melfort, Outlook and Redvers

Description: The project demonstrates the agronomic traits of new low vicine and convicine (LVC) faba bean varieties and the impact on genetic purity when outcrossing occurs.

ADOPT Funding: \$50,320

Improving Wheat Emergence and Stand Establishment in Prairie Dry Topsoils Using Long-Coleoptile Varieties (20251662)

Applicants: SERF and WCA

Locations: Redvers and Swift Current

Description: The project aims to assess the performance of spring and durum wheat varieties with different coleoptile lengths under normal and deep seeding depth in dry soil conditions.

ADOPT Funding: \$24,500

Yield Response of Open-Pollinated and Composite Yellow Mustard Varieties to Soil-Test-Based Fertility Recommendations (20251663)

Applicant: Mustard21 Canada

Location: Swift Current

Description: This project aims to demonstrate how mustard responds to differing fertility levels of macronutrients and micronutrients (boron and zinc) of both open-pollinated and composite varieties based on soil test recommendations.

ADOPT Funding: \$10,682

Continuing 4R Management: Can Split Application be Managed in Malt Barley to Reduce Risk and Maintain Yield and Quality? (20251664)

Applicant: Saskatchewan Barley Development Commission

Locations: Melfort, Prince Albert, Redvers, Yorkton, Indian Head, Swift Current, Outlook and Scott

Description: The project aims to showcase non-traditional 4R nitrogen management strategies in malt barley that can maintain quality while managing risk and enhancing yield.

ADOPT Funding: \$24,000

Beyond N Rate: Protein Management in Malting Barley (20251665)

Applicant: Saskatchewan Barley Development Commission

Locations: Redvers, Prince Albert, Melfort, Yorkton, Indian Head, Swift Current and Outlook

Description: The project aims to show why soil testing is important for crop production, especially for malt barley. It will demonstrate how sulphur fertility and delayed seeding can affect malt barley protein levels.

ADOPT Funding: \$39,200

Strengthening CWRS Wheat: Evaluating Silicon, Zinc, and PGR Strategies for Lodging Management (20251674)

Applicants: ECRF, SERF, IHARF, ISASK, NARF, and WARC

Locations: Yorkton, Redvers, Indian Head, Outlook, Melfort and Scott

Description: The project will quantify the impact of foliar silicon (Si), zinc (Zn) and plant growth regulator (PGR) applications on lodging severity, stem strength and yield in CWRS wheat.

ADOPT Funding: \$70,500

Performance of Saline Tolerant Forages on Saline Soils (20251679)

Applicants: SERF, ISASK and WCA

Locations: Redvers, Outlook, and Swift Current

Description: This project intends to demonstrate the performance (forage yield and quality) of salt-tolerant forages under saline soil conditions.

ADOPT Funding: \$18,000

Demonstration of Canary Seed Production Under Irrigation (20251680)

Applicant: ISASK

Location: Outlook

Description: The demonstration aims to evaluate the agronomic performance, yield potential, and disease response of seven canary seed varieties under irrigation to support producer decision-making and enhance market opportunities for both feed and human-consumption.

ADOPT Funding: \$7,100

The influence of a scratching device on the welfare and productivity of gestating pigs (20251704)

Applicant: Prairie Swine Centre

Location: Saskatoon

Description: The overall goal of this project is to evaluate the use of scratching devices on the welfare, behaviour and productivity of gestating pigs.

ADOPT Funding: \$20,000

Oilseed Sunflower Demonstration Trial: Investigating Optimal Seeding Practices and Cultivar Selection (20251729)

Applicant: ISASK

Location: Outlook

Description: This project will evaluate the yield performance and adaptability of six oilseed sunflower hybrids under irrigated conditions.

ADOPT Funding: \$7,250

How do Variable Fertilizer Rates Transform Pea–Oat Intercrop Performance? (20251730)

Applicants: SERF, ECRF, WCA and NARF

Locations: Redvers, Yorkton, Swift Current, and Melfort

Description: This project intends to demonstrate the effect of pea-oat intercrop on forage yield.

ADOPT Funding: \$45,000