

Ministry of Agriculture

Marketing Materials

2024

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Agriculture Overview



Canada is an exporting nation – our agriculture sector is well-positioned to meet customer demands all over the world. Located in the heart of the Canadian prairies, Saskatchewan is in the centre of Canada's cereal, oilseed and pulse producing and exporting region.

Canada's reputation for safe, high-quality agri-food products is built on the fact that Canada maintains a stringent science-based regulatory system. This system applies rigorous standards to regulate food production and to monitor and control the introduction and spread of pests and disease in plants, animals and their products.

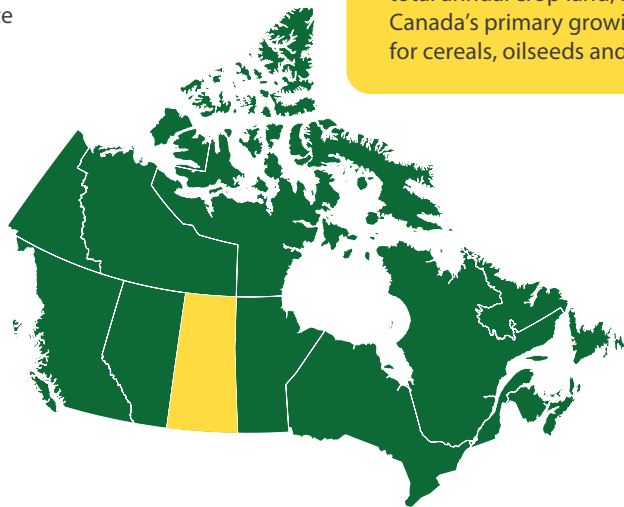
Did You Know?

Saskatchewan has **16.6 million hectares** (41 million acres) of crop land and is home to **more than 47 per cent** of Canada's total annual crop land, making it Canada's primary growing region for cereals, oilseeds and pulses.



Top Five Export Markets of 2024

United States **\$5.8 billion**
China **\$3.7 billion**
India **\$1.0 billion**
Japan **\$928 million**
Algeria **\$615 million**



Saskatchewan Leads the World as the Largest Exporter (By Value) of these Agri-Food Products

63%

of the world's canary seed exports

37%

of the world's lentils exports

36%

of the world's durum exports

27%

of the world's dry pea exports

22%

of the world's mustard exports

23%

of the world's oat exports

21%

of the world's canola oil exports

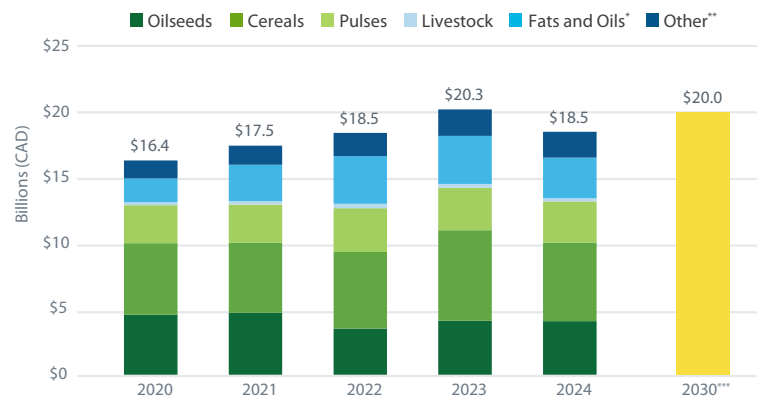
22%

of the world's canola meal

Saskatchewan is Canada's top wheat* exporting province. In 2024, **Saskatchewan exported \$3.2 billion**, or five per cent of the world's wheat exports.

*Includes all wheat classes except durum, 2024 data

Agri-Food Exports



*Includes canola oil and other oils **Includes value-added products

***Saskatchewan Growth Plan goal for 2030

Sustainability

For generations, Saskatchewan producers have been developing and using sustainable practices on their farms and ranches. This is built from a decades-long focus on soil health, diversified crop rotations, innovative technology and investments in research.

From 2018-2022, the amount of carbon sequestered by Saskatchewan producers is, on average, equivalent to taking **4.6 million cars** off the road annually.



Saskatchewan was one of the first jurisdictions to adopt the practice of no-till farming in the 1980s. Today, 95 per cent of the land seeded to annual crops is done using zero or minimum tillage. These farming practices minimize soil disruption, enhance soil organic content, optimize water and nutrient use and sequester carbon dioxide.

"Saskatchewan farmers have a strong track record of producing crops in a sustainable way."

– Jeff Vassart, President of Cargill Canada

Did you Know?

Saskatchewan pioneered **zero till seeding equipment**, exporting this technology to **approximately 30 countries globally**.



With a variety of livestock, Saskatchewan producers use specialized knowledge and practices to ensure economic, environmental and social sustainability. In addition to programming and funding, Canada's federal government, under the *Health of Animals Act*, regulates reportable and notifiable diseases, humane transportation, identification and traceability of livestock. Saskatchewan producers reliably meet or surpass these standards, demonstrating their dedication to higher standards of traceability, animal welfare, food safety, medication use, worker safety and environmental stewardship.



Agricultural Events

Crop Production Show (January)

Western Canada's premier grain industry showcase takes place in Saskatoon and highlights the newest information about grain technology, services, products and practices for producers.

Canada's Farm Show (March)

This is one of Canada's largest indoor trade shows showcasing dry land farm technology and innovations in agriculture.

Ag in Motion (July)

Taking place just outside Saskatoon, Ag in Motion is Western Canada's largest outdoor farm expo. The show provides an avenue for progressive farmers who want to see, feel and interact with the latest in agricultural innovations.

Canadian Western Agribition (November)

The largest agricultural event in Canada showcases livestock, machinery and farm-related products. It combines competitive shows, educational seminars and is a meeting place for people from all over the world who are interested in top-quality cattle and beef genetics.

Indigenous Agriculture



Indigenous agriculture has a long history in Saskatchewan. Increases in agricultural land holdings and greater autonomy in land management have renewed conversations about how First Nations can realize the full economic benefits of agriculture on their land holdings. Saskatchewan First Nations and the Métis Nation-Saskatchewan have a vital role in the province's agricultural sector, encompassing crop production, bison and cow/calf operations, greenhouses and much more. We are committed to strengthening and building respectful relationships to enable long-term sustainable growth for the entire industry.



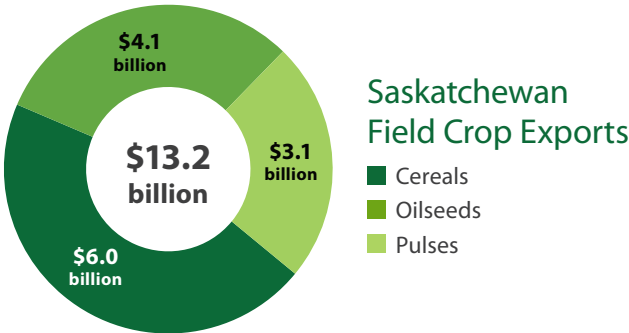
*Learn more about
Saskatchewan Agriculture*

Field Crops & Irrigation



Saskatchewan is known worldwide as a consistent and reliable supplier of safe, high-quality grains, oilseeds and pulses. Saskatchewan ensures safety and quality standards are met through agencies such as the Canadian Food Inspection Agency (CFIA), and the Canadian Grain Commission (CGC). Saskatchewan agriculture has a global reach, with exports of \$18.5 billion in agri-food products in 2024, making Saskatchewan one of Canada’s largest and most sustainable agri-food exporters.

Furthering this reputation, recent research released by the Global Institute for Food Security (GIFS) in 2024 found that Canada’s net carbon footprint for crop production is significantly lower than that of competitive jurisdictions.



	SK Production (as % of Canadian production)	SK Exports (as % of Canadian Exports)	SK Exports (as % of World Exports)
Oilseeds			
Canola Seed	55%	54%	17%
Canola Oil	-	50%	21%
Canola Meal	-	44%	22%
Flaxseed	76%	86%	13%
Cereals			
Durum	76%	82%	36%
Oats	44%	53%	23%
Barley	37%	50%	4%
Wheat*	41%	39%	5%
Pulses			
Lentils	87%	88%	37%
Peas	51%	62%	27%
Chickpeas	85%	93%	6%
Specialty Agriculture			
Mustard Seed	71%	56%	22%
Canary Seed	97%	81%	63%

*Includes all wheat classes except durum

In addition, Saskatchewan’s agriculture industry is a leader in adopting new practices that facilitate environmental sustainability, such as minimum tillage practices which conserve moisture, topsoil and fuel. Our agriculture industry is reducing greenhouse gas emission intensity through continued investments in research and adoption of new technology and practices, such as AI-enabled drone technology.

Being centrally located within world logistics systems allows Saskatchewan’s local products to be exported worldwide. Canada ships approximately 70 million metric tonnes of agricultural products annually and is committed to improving the effectiveness of our transportation system to meet the growing demands of our international clients.

Did You Know?

Canola products (seed, oil, and meal) account for **40 per cent of Saskatchewan agri-food exports** to the world.



Lentils

Saskatchewan is a top exporter of pulses, accounting for 37 per cent of the world's pulses exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan lentils is 115 per cent lower than competitive jurisdictions.



87%
Saskatchewan's share of Canada's lentils production

Peas

Saskatchewan is a top exporter of peas, accounting for 27 per cent of the world's peas exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan dry peas is 107 per cent lower than competitive jurisdictions.



51%
Saskatchewan's share of Canada's peas production



Chickpeas

Saskatchewan is a top exporter of chickpeas, accounting for six per cent of the world's chickpea exports in 2024.

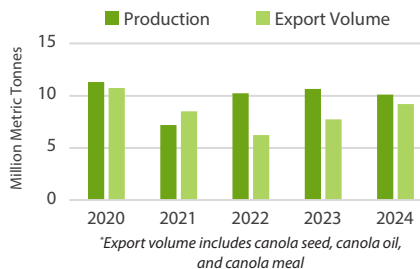


85%
Saskatchewan's share of Canada's chickpeas production



Canola

Saskatchewan is a top exporter of canola seed, accounting for 17 per cent of the world's canola seed exports, 21 per cent of the world's canola oil exports and 22 per cent of the world's canola meal exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan canola seed is 96 per cent lower than competitive jurisdictions.



55%
Saskatchewan's share of Canada's canola seed production



Flaxseed

Saskatchewan is a top exporter of flaxseed, accounting for 13 per cent of the world's flaxseed exports in 2024.



76%
Saskatchewan's share of Canada's flaxseed production





Wheat*

Saskatchewan is a top exporter of wheat, accounting for five per cent of the world's wheat exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan wheat* is 92 per cent lower than competitive jurisdictions.

*Includes all wheat classes except durum



41%
Saskatchewan's share
of Canada's wheat
production



Did You Know?

In 2024, Saskatchewan seeded more than **seven million hectares** (17.8 million acres) of cereal grains to produce **21 million metric tonnes** (\$6.0 billion). Saskatchewan is Canada's top wheat, durum and oat producing province.

Durum

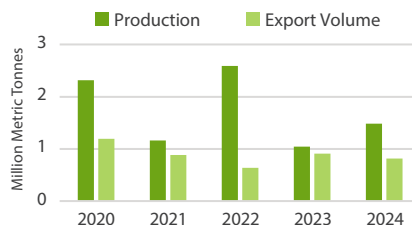
Saskatchewan is a top exporter of durum, accounting for 36 per cent of the world's durum exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan durum is 73 per cent lower than competitive jurisdictions.



76%
Saskatchewan's share
of Canada's durum
production

Oats

Saskatchewan is a top exporter of oats, accounting for 23 per cent of the world's oats exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan oats is 109 per cent lower than competitive jurisdictions.

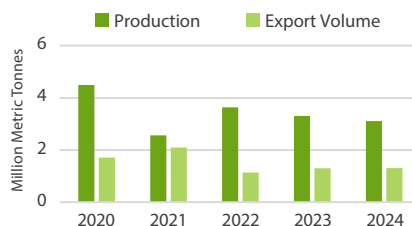


44%
Saskatchewan's share
of Canada's oats
production



Barley

Saskatchewan accounts for four per cent of the world's barley exports in 2024. The GIFS research found that the carbon footprint of Saskatchewan barley is 102 per cent lower than competitive jurisdictions.



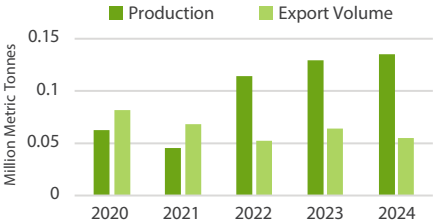
37%
Saskatchewan's share
of Canada's barley
production





Mustard

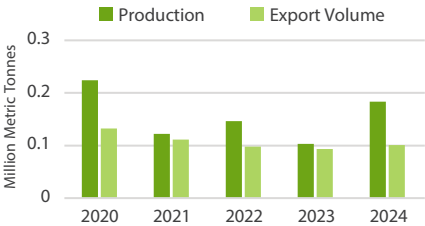
Saskatchewan is a top exporter of mustard, accounting for 22 per cent of the world’s mustard exports in 2024.



71%
Saskatchewan's share of Canada's mustard seed production

Canary Seed

Saskatchewan is a top exporter of canary seed, accounting for 63 per cent of the world’s canary seed exports in 2024.



97%
Saskatchewan's share of Canada's canary seed production

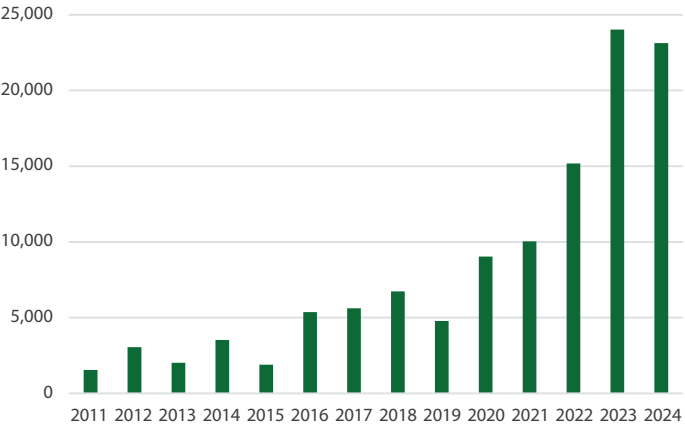


Irrigated agriculture promotes the growth of diverse, high-value crops, enhancing on-farm profitability, value-added processing opportunities, business attraction, and employment. Producers in Saskatchewan are seizing this opportunity, which will boost provincial revenues and gross domestic product, benefiting all of Saskatchewan.



Did You Know?
Saskatchewan aims to develop **85,000 acres** of irrigation by 2030, with **over 81,000 acres** already established from 2020 through 2024.

Annual Increases of Irrigated Acres Developed in Saskatchewan





Learn more about Saskatchewan Agriculture

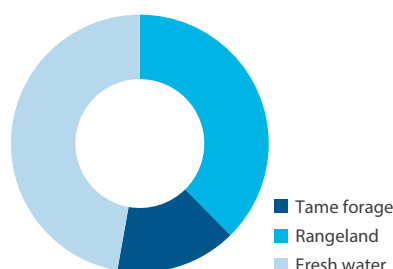
Livestock



Saskatchewan plays an important role in Canada's livestock industry with vast amounts of land suitable for livestock inventory and production, allowing for low animal densities and sustainable livestock production. Additionally, Saskatchewan's abundant feed supply ensures diverse and nutritious options for animal diets. The Saskatchewan livestock industry has robust food safety regulations and is committed to animal welfare, health, traceability and biosecurity.

Saskatchewan's Vast Prairie

1.9 million hectares of tame forage land
4.7 million hectares of rangeland
5.9 million hectares of fresh water



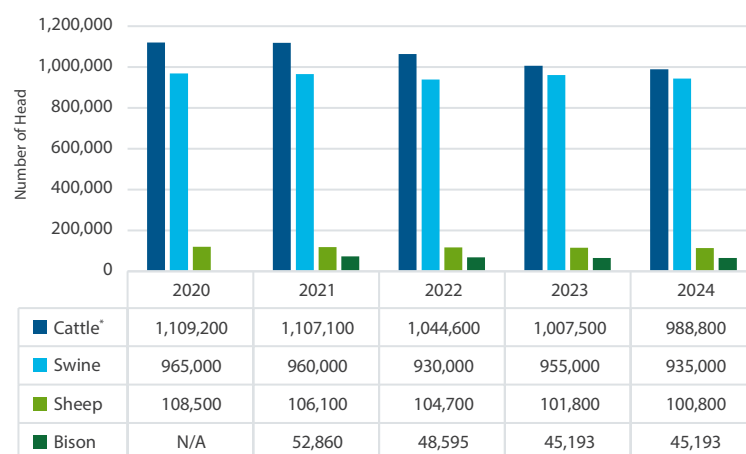
With a diverse variety of livestock and livestock products produced in Saskatchewan, producers use their knowledge and practices to ensure economic, environmental and social sustainability.

National programs through Canada's federal government, under the *Health of Animals Act*, regulate reportable and notifiable diseases, humane transportation, identification and traceability of livestock.

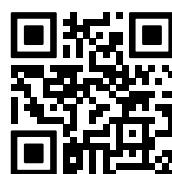
Saskatchewan producers reliably meet and exceed these standards through voluntary programs such as the Canadian Verified Sheep Program and the Canadian Roundtable for Sustainable Beef. In addition, research facilities such as the Livestock Forage Centre of Excellence (LFCE) provide science-based answers that address livestock concerns. Saskatchewan producers adopt modern and improved livestock management practices making them dedicated to higher standards of traceability, animal welfare, food safety and environmental stewardship.

For generations, Saskatchewan livestock producers have been stewards of the land, using practices that sustain the health and productivity of grasslands, provide ample feed to support livestock production and improve water quality.

Live Animals on Saskatchewan Farms



*Cattle refers to beef cattle only
 Source: Statistics Canada (July 1, 2024 estimates)



Learn more about
 Saskatchewan Agriculture

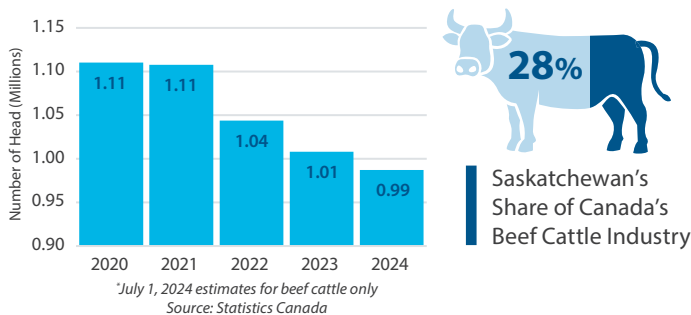
Cattle

Saskatchewan supports the Canadian cattle sector which is known for its high quality and nutritional benefits.

- With the second largest cattle herd in Canada, Saskatchewan has over 12,900 farms with 2.4 million head of cattle.
- In 2024, Saskatchewan exported \$158 million in live cattle.
- Saskatchewan is a world-class provider of beef cattle genetics.



Live Beef Cattle on Saskatchewan Farms



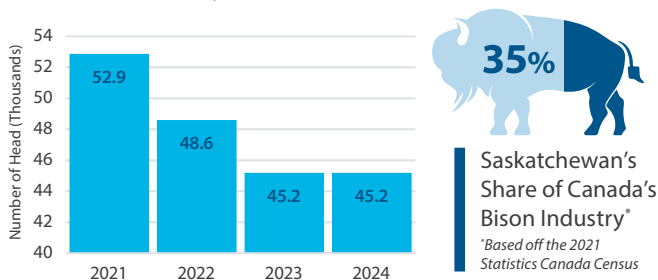
Bison

Saskatchewan has a rich history with farmed, cultural and conservation of bison herds. As the second largest producer in Canada, Saskatchewan is home to more than 45,000 bison, which account for more than one-third of Canada's total bison herds.

- In 2024, Saskatchewan exported \$33 million in live bison to the United States.



Bison Inventory on Saskatchewan Farms



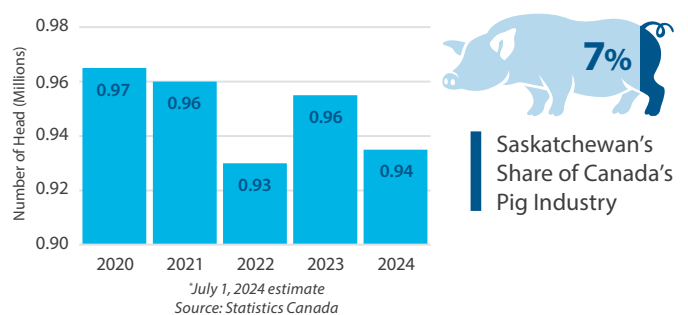
Pigs

The Canadian pork industry is known for its high quality product, with a strong focus on animal health and welfare and export success. Saskatchewan supports the Canadian pig and pork industry with most of its products destined for international markets.

- Saskatchewan is home to 78 pig producers who market over 2.5 million pigs annually, and process approximately 330,000 processing weight pigs annually.
- Saskatchewan is home to world-class pig genetic companies and has one of the lowest live pig densities in the world, contributing to animal welfare.



Pig Inventory on Saskatchewan Farms



Specialty Livestock

Saskatchewan is home to a variety of specialty livestock. These unique livestock options not only contribute to the province's agricultural economy, but also offer market opportunities for Saskatchewan.

Sheep, Lambs and Goats

Saskatchewan has 835 farms with more than 100,000 head of sheep and lambs primarily raised for meat with wool as a by-product. There are also 11,842 goats on 444 farms primarily raised for meat and goat milk production.

Elk and Deer

Elk and deer (cervid) production has been evolving since the 1970s. The initial focus on breeding stock and velvet production has evolved into a broader meat, antler and trophy stock production system.

Did You Know?

Saskatchewan is home to approximately **5,000 farmed elk and deer.**



Value-Added Agriculture



With more than 47 per cent of Canada's total annual crop land, Saskatchewan produces a diverse array of agriculture crops that provide the foundation for a vibrant food, beverage and bioproduct processing industry. Sustainable production practices, Canada's rigorous food safety standards and the capacity for large-scale production have made this industry the largest manufacturing sector in the province.

Canada's quality control and food safety systems are world class, which ensures Saskatchewan products meet consumers' quality and safety expectations.

Global Reach

Saskatchewan's value-added agricultural products are reaching markets around the world.



\$7.9 billion
in revenue

Over
6,000 jobs



\$5.1 billion
in exports

Saskatchewan Tax Rates

1%

Small business
tax rate

12%

General corporate
tax rate

10%

Manufacturing
corporate tax rate
(as low as)

0%

Corporate capital
and payroll taxes; no
health premiums

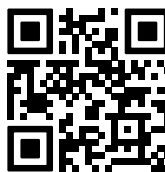
Investment

Saskatchewan is committed to growth and welcomes businesses with an interest in the innovative use of cereals, oilseeds, pulses, livestock and specialty crops. Our strength is in collaboration, seeking solutions and utilizing novel ingredients like protein consumers want. From pea protein to oat flour, Saskatchewan is a leader in value-added agriculture processing.

From 2012 to 2024, Saskatchewan's revenue from value-added agriculture processing grew from \$3.5 billion to an estimated \$7.9 billion. Investments in expertise, infrastructure and research and development bolster our role as a major player in providing food to the world.

"It's a very business-friendly climate, so they've been very open to our investments, and they've really tried to encourage investment as well, both with our facility today and working towards our expansions. We've been very fortunate to work with a government as cooperative as they have been."

– Brain Conn, Louis Dreyfus, Canada



Saskatchewan Trade and Export Partnership (STEP) is a non-profit, member-driven organization that helps Saskatchewan businesses reach international export markets and realize global market opportunities.

Value-Added Ecosystem

Saskatchewan has a collaborative value-added ecosystem that brings together industry, government and research institutions to drive innovation and growth in the value-added processing sector.

Industry associations, research institutions and organizations support the development of products from early-stage ideas to ready-made products that meet consumer preferences.

The Saskatchewan Food Industry Development Centre Inc. offers full-service assistance to food processors wanting to add value to their products for domestic and/or international markets.



Did You Know?

International companies like **Cargill** and **Louis Dreyfus** have established processing operations in Saskatchewan. These investments not only support local producers and create jobs but also position Saskatchewan as a global leader in value-added agriculture processing.

Saskatchewan's value-added sector is proudly supported by government agencies. The Government of Saskatchewan continuously invests in education and training programs, supports research and development activities and provides incentives for businesses to invest in the province.

Processing Capabilities

With direct access to Saskatchewan's agricultural products, including cereals, oilseeds, pulses, livestock and speciality crops, the food and beverage sector benefits from direct access to a reliable supply of ingredients.



Cereals

Saskatchewan is a major producer of cereals. Value-added processing facilities transform these raw products into flour, snacks, beverages and other consumer goods. Significant opportunities exist with many of the cereals grown in the province. For example, Saskatchewan's high-quality barley is sought after by brewers, malt and feed processors from around the world.



Did You Know?

Oats are often used in **gluten-free foods, dairy alternatives, and even in cosmetics.**

Oilseeds

Saskatchewan is investing in its oilseed industry (with two canola crush facilities in development) to service current and future food and fuel demands. In 2024, canola seed, oil, and meal were Saskatchewan's first, third and sixth largest agri-food exports by value.

Pulses

Global pulse demand continues to increase as consumers become more focused on health and sustainability. Pulse processing is an emerging industry in Saskatchewan and meets the growing demand for pulse ingredients, such as protein concentrates and isolates, fibre and starch. Significant opportunities exist to expand pulse processing capacity, such as dry fractionation or protein isolate manufacturing.

"Saskatchewan is definitely the place to be for agricultural value-added processing"

– Murad Al-Katib, President and CEO, AGT Foods

Meat

The province of Saskatchewan has a robust meat processing industry, converting livestock into a variety of meat products, from packaged cuts to processed items. This sector supports local agriculture and provides diverse options for consumers.

Bio-Products

Saskatchewan is a leading producer of energy crops, such as canola and wheat, which can be processed and refined. Residues from processing the crops can be transformed into electricity, biogas and other fuels, contributing to a circular economy and minimizing waste.

Biomaterials from agricultural feedstocks can provide the building blocks for a number of important components, such as plastics, fibres and composites. Advantages of these products include high strength-to-weight ratios and accelerated biodegradation.



*Learn more about
Value-Added Processing in
Saskatchewan Agriculture*

Agriculture Research

Did You Know?

Biological science advancements for plants and animals have supported the **development of new crop varieties**, food ingredients, feed and bioproducts such as biodegradable plastics and many other innovations.

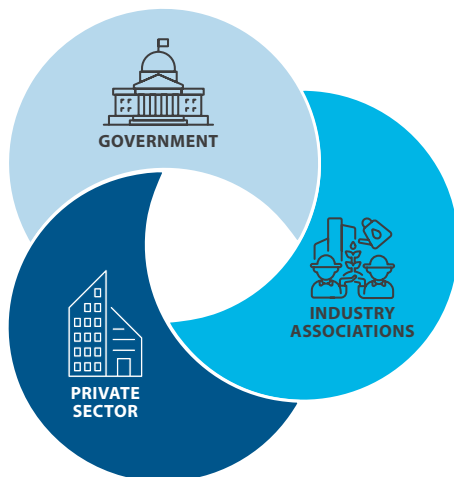
Saskatchewan is dedicated to developing and sustaining its internationally recognized research and development institutes. Saskatchewan's scientific capacity reinforces the province's ideal conditions for crop and livestock development and value-added processing. Recognizing the importance of both the institutions and researchers, the Government of Saskatchewan offers programs that fund projects ranging from basic and applied research to the commercialization of innovative technologies and practices.

Strategic Research Program (SRP) Chairs

The Government of Saskatchewan invests in 15 research chair positions at the University of Saskatchewan to support the growth of the province's agriculture and agri-food sector. The chairs' areas of research include crop genetic improvement (7), livestock development (4), food and bioproducts development (2) and soils and environment (2).

Did You Know?

The Government of Saskatchewan invests around **\$37 million annually** into four key pillars: **partnerships, scientific capacity, project funding and knowledge transfer**. All of these pillars help to grow the agriculture industry.



Saskatchewan's agricultural research ecosystem is a dynamic and collaborative network driving innovation. Several institutions play an important role in advancing the agricultural research and development within Saskatchewan and Canada. The research and development ecosystem in Saskatchewan is supported through funding from the Government of Saskatchewan, the private sector and crop and livestock industry associations.

Primary Agriculture Research



Saskatchewan's primary agriculture research and development focuses on the fundamentals such as crop breeding and pathology, livestock, soils and environment.



The **Crop Development Centre (CDC)** is a world-renowned crop research centre dedicated to advancing crop breeding and seed development in Canada. Since its founding in 1971, the CDC has supported the diversification of crop production in Canada by releasing over 500 commercial varieties across more than 40 crop types.

The **Global Institute for Food Security (GIFS)** works with a diverse range of local and international partners to discover, develop and deliver innovative solutions for the production of globally sustainable food. Its technology platforms support the ag biotechnology ecosystem – enhancing digital agriculture, accelerating plant breeding, increasing quality crop yield and building plant resilience to climate change.

Did You Know?

Five provincially funded research chairs at the University of Saskatchewan lead research programs that develop cutting edge **carbohydrate, lipid and protein applications** for industry. These chairs also develop **feed processing technology and bioprocess engineering**.

The **Vaccine and Infectious Disease Organization (VIDO)** is a world leader in infectious disease research and vaccine development. It is a vertically integrated organization with Containment Level 2 and 3 facilities, a Containment Level 4 capacity nearing completion, and an expanded animal facility capacity for preclinical research and development.

Efforts from these groups and other organizations in Saskatchewan collectively contribute to more efficient, sustainable and resilient agricultural systems.



Canadian Light Source (CLS) is a national research facility and leading centre in synchrotron science, performing synchrotron light research with the capacity to view structural modification in biological materials to the atomic level. The CLS works with the scientific community to promote the use of synchrotron light, create industrial partnerships and innovation and engage in scientific and educational outreach.

More than 1,000 academics, government and industry scientists from around the world use the CLS for innovative health, agriculture, environment and advanced materials research.

Value-Added Research



Investments in Saskatchewan's science sector continue to encourage research and innovation in the value-added processing industry. The anchors of the agri-processing cluster are the Department of Food and Bioproducts Sciences at the University of Saskatchewan and the Saskatchewan Food Industry Development Centre. Other key providers include the Canadian Feed Research Centre, Prairie Agriculture Machinery Institute, Innovation Saskatchewan, Ag-West Bio Inc., and the Canadian Light Source.

Saskatchewan Food Industry Development Centre (Food Centre) supports the success of food companies both in Saskatchewan and globally by offering a comprehensive suite of services and facilities from product development to commercial production, including innovation, technology transfer, business incubation and regulatory and technical support.

The Food Centre's product development and processing facilities include extrusion, ingredient innovation, food testing labs and incubation suites. The newly built Advanced Food Ingredients Centre offers full-scale contract research and contract



manufacturing services in fermentation, bioengineering and downstream bioprocessing.

Saskatchewan's value-added research sector boosts the entire value-added ecosystem, driving innovation and growth across the sector.