



## STRATEGIC COMMITMENT

Adapting to uncertain environmental and socioeconomic climates and ensuring food and water security for a rapidly growing global population are the biggest challenges humanity has faced. By focusing on adapting to changing environments, AgBio can **promote the resilience the world needs** to address environmental and social change, and ensure food security, water security and soil security at local, national and global scales. We will focus our resources, and revise our faculty standards, to support our priority activities.

In this changing environment, the only strategy for success is to **readjust our thinking**, our teaching and our research to this **new reality**. We will develop **new approaches** to understand our physical world, and to providing knowledge, products and human capacity.

## OUR MISSION

We will **advance the responsible use of land, water and bioresources** to provide products and services that enhance the quality of life for the people of Saskatchewan and around the world.

## USASK 2025 AMBITIONS

### Transformative Decolonization Leading to Reconciliation

Indigenous students, faculty, staff and communities are holistically strengthening the spirit and methodologies we inhabit.

### Productive Collaboration

Community, private-sector and international partnerships animate every facet of our research enterprise.

### Meaningful Impact

Our knowledge, discoveries and innovations are helping communities achieve their social, cultural and economic goals.

### Distinguished Learners

Our graduates are among the most inventive, collaborative and sought-after in Canada and around the world.

### Global Recognition

Our research, graduates, academic programming and reputation are recognized as world-class.



The College of Agriculture and Bioresources strategic plan is aligned with the University of Saskatchewan's strategic plan 2025 and ambition to be the university the world needs.

[plan.usask.ca](http://plan.usask.ca)

## OUR PLAN

We will address:

- The changing environment and its impact on communities (rural, urban and Indigenous)
- Sustainable agro-ecosystem provision of food and bioproducts
- Agri-food development and supply chains
- Our participation in the international bioeconomy



**Lead and facilitate** sustainable agriculture and environmental research, teaching and outreach. 🍷

**Expand and deepen** our connections to Indigenous communities. 🍷

**Support and prepare** learners to undertake leadership roles in a sustainable bioeconomy. 🍷

**Grow and diversify** our research ecosystem to better address contemporary and emerging priorities. 🍷

**Our goals for 2025 support the USask pillars of Discovery, Indigenization, Teaching and Learning, and Engagement.**

**EXAMPLE:**

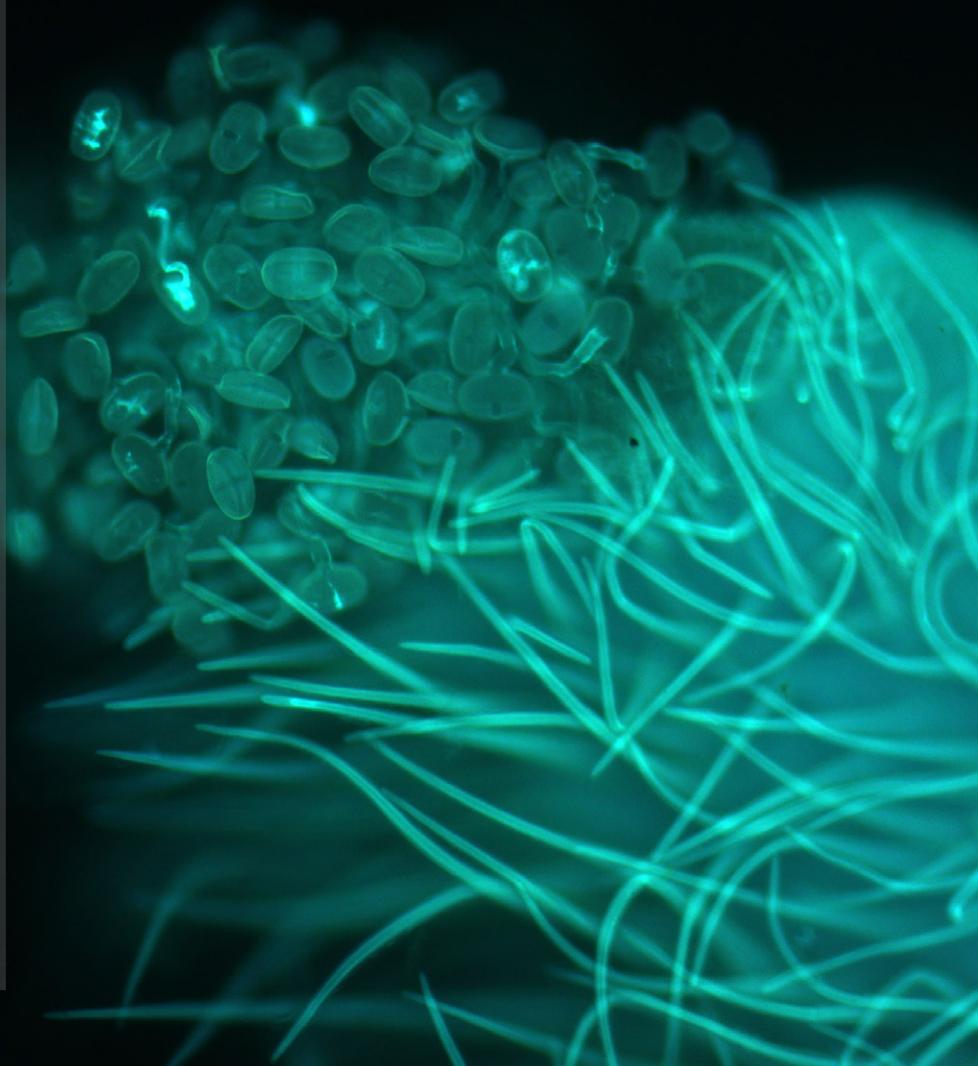
For nearly 50 years, the **Crop Development Centre (CDC)** has remained dedicated to crop diversification. By developing over 450 varieties of 35 different kinds of crops, we significantly shape Western Canada's field crop pre-eminence.

Providing economic benefits to Western Canadian agriculture, the CDC applies science and technology to create superior crop varieties through exemplary public, private and producer partnerships.

Our researchers develop safe and nutritious crops like pulses, cereals and oilseeds suited for the demands of our growing world and its changing environments. 🍷

Photo:  
Successful Self-pollination! by Evelyn Osorio  
MSc student in Plant Sciences

Grand Prize winner of the 2019 USask Images of  
Research competition, organized by USask Research  
Profile and Impact



## DISCOVERY

- Adapt innovative knowledge to application
- Expand our research to address emerging issues in sustainable agriculture, the environment and agro-economic policy
- Strengthen and diversify our research and community partnerships
- Engage students at all levels in discovery research

## INDIGENIZATION

- Collaborate with Indigenous communities to identify challenges and opportunities; work together to develop and implement shared solutions
- Expand and co-create programming tailored for Indigenous interests and learners
- Develop Indigenous content within our undergraduate and graduate curriculum
- Support faculty, staff and students in understanding and living reconciliation



### EXAMPLE:

**Kanawayiheteytan Askiy** (“Let us take care of the land”) is a uniquely designed program, developed in collaboration with First Nations, to address land management needs. The certificate and diplomas examine basic environmental, legal and economic aspects of land and resource management in Indigenous communities.

The program is designed for Indigenous land managers, economic development staff, Aboriginal leadership, youth, federal and provincial government staff, and individuals interested in working with Indigenous communities.

The unique delivery model offers a blended learning format to accommodate the professional work lives of the program’s students. The program has over 200 graduates, with students attending from all across Canada. 🇨🇦

## TEACHING AND LEARNING

- Train highly qualified critical thinkers who are prepared to tackle leadership roles in our bioeconomy
- Enhance student experience through engagement with our partners and communities
- Create inspired, experiential and interdisciplinary learning opportunities to meet the needs of our diverse learners
- Continuously adapt our curriculum to address emerging issues and future opportunities



### EXAMPLE:

A recent survey of AgBio students and employers identified gaps between some key skills and knowledge developed in academic programs, and preparedness to apply these to real-world job market situations.

The **RBC Learn to Work, Work to Learn program** was established to help students develop necessary skills to enter the workforce and enhance their career opportunities. Through interactive workshops, events and skills-focused learning built around a summer work experience, this program gives students a variety of opportunities to network and gain insight from industry employers. 🟡

**EXAMPLE:**

**The USask Livestock and Forage Centre of Excellence (LFCE)** brings together all aspects of beef cattle research into one entity, providing researchers, faculty, students, industry and producers with a broad-based platform for research, teaching and extension activities.

The centre is a leader in developing research, teaching and technology transfer programs that provide the livestock and forage industries of Saskatchewan and Canada with new tools and techniques for healthy, sustainable and competitive growth.

The LFCE promotes public awareness, connecting researchers, the agriculture industry and consumers. Building on a strong network of partnerships, the centre improves forage and livestock production and environmental practices across Canada and around the globe by finding solutions to environmental and food safety concerns. 🍷



## ENGAGEMENT

- Enhance our recognized local and global leadership as solution-providers in sustainable agriculture research, teaching and outreach
- Celebrate and strengthen our connections across sectors, locally and globally
- Build understanding and public trust in food safety, security and sustainability
- Deepen relationships through community-based research



BE WHAT THE WORLD NEEDS

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