



Advancing Agriculture through Research

January 2026

Vision & Mission

Vision: Profitable and sustainable western Canadian grain farmers.

Mission: Producers directing investments into crop research to benefit western Canadian grain farmers.



WGRF Overview

- **Western Grains Research Foundation (WGRF) is a farmer-funded and farmer-directed registered charity investing in agricultural research that benefits western Canadian field crop producers.**
- **WGRF participates in established science-based, competitive funding processes to fund proposals consistent with WGRF's research priorities.**
- **WGRF does not accept research proposals directly.**



Annual Funding Proposal Intakes

- Agriculture Funding Consortium (AFC) – AB
- Agriculture Development Fund (ADF) - SK
- Sustainable Canadian Agricultural Partnership (SCAP) - MB
- Canola Agronomic Research Program (CARP)



WGRF Research Priorities

- **Production: cropping systems, crop nutrition, pest (insect, disease, weed) management, production management, soil quality, water use efficiency, fertilizer use efficiency, adaptation to and mitigation of climate change, crop quality, storage, storage pests, economic analysis.**



WGRF Research Priorities

- **V**ariety Development: genetics, breeding methods, pre-breeding, breeding, pest resistance development, breeding for crop quality, variety trialing.



WGFR Research Priorities

- Single crop research and cross-cutting production issues on (barley, canola, lentil, pea, wheat, canary seed, chickpea, corn, dry bean, faba bean, flax, mustard, oats, soybean, sunflower, winter cereals)



WGRF Multi-Crop/Cross-Cutting Research Priorities

- **5 x themes were identified in 2021 as an outcome from the Future Field Crop Research Needs process:**
 - **Weed Management**
 - **Disease Management**
 - **Insect Pest Management**
 - **Plant Nutrition**
 - **Response to Weather Variability and Climate Change**
 - **Sustainable Resource Management**



WGRF Research Priorities

- Further details can be found on the WGRF website:
 - <https://wgrf.ca/research-programming/research-priorities/>
 - <https://wgrf.ca/special-initiatives/future-field-crop-research-needs-and-funding/>



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