

Sustainable Options With Biomass & Biofibre

The Alberta Biomaterials Development Centre (ABDC) delivers biomass and biofibre research with innovative methods by partnering with national research institutes, agriculture businesses and research experts. ABDC provides access to world-class agriculture and forestry researchers and crop research centres throughout Alberta.

Alberta agriculture and forestry producers are essential to the success of ABDC. A focus on biomass research and optimization enables producers to take advantage of growing opportunities and provide end users with the right product. These biomass producers are providing the performance goods for the future, enhancing conservation of our natural resources and contributing to a sustainable economy.



Services & Technology

- Plant breeding
- Crop agronomy
- Biomass optimization
- Species selection
- Quality assessments
- Biomass inventory assessments

Biomass - Driving the Biomaterial Economy

ABDC has the capability to produce, process and create products from almost any crop including: industrial hemp, flax, cereal crops, grasses and wood fibres. Our experts can improve plant performance to enhance end use and improve the quality and quantity of harvested fibres.

The nature of biomass influences production cost, energy use and environmental impact. ABDC specializes in understanding that distinctive and quality biomass is essential to the biomaterial industry, and continues to research new technology and processes that enrich biomass characteristics.

Feedstock

Feedstock quality influences bioproduct characteristics. ABDC experts are dedicated to researching advanced methods for crop seeding, maintenance and harvesting to ensure industry has the most advanced information available and a consistent and economic product for secondary manufacturing.

- 1 Seed & Crop Residue Harvest
- 2 Dedicated Biomass Harvest

