



Barley, Wheat and Canola

Barley acres in Mackenzie Region increased 84.6% between 2011 and 2016. Canola has become the most important field crop in Alberta, accounting for 40% to 50% of all cash receipts.

10,000 years after it was first domesticated, barley has changed surprisingly little, but it is becoming increasingly known for its health benefits. Studies are showing that consuming whole grains significantly reduces rates of obesity, type 2 diabetes, and cancer. Barley is also a key ingredient in beer. Every year, Canada exports over \$250 million in beer, and about 65 percent of the malt from our barley is shipped out to 20 different countries.

Canola seeds are about 45 percent oil. That's double the oil content of soybeans. It is light

in texture and taste, low in saturated fat, and extremely versatile in the kitchen. To boot, canola meal makes for a high protein feed for dairy, livestock, and poultry. As if that weren't enough, Canada is developing sustainable, canola-based biofuels that emit as little as 10 percent of the greenhouse gases of fossil fuel.

Wheat is one of the world's most important cereal crops and international trade in wheat is greater than all other grain crops combined. As the population grows, production of wheat and other grains is anticipated to grow throughout the 21st century. Mackenzie Region, with its vast hectares of nutrient-rich soil, is eager to meet this market need as we continue to grow in our capacity to deliver superior crops.





Facts & Figures on Barley, Wheat & Canola

Statistics Canada, Mackenzie County

BARLEY, 2016 CENSUS	2016
Number of farms reporting	122
Acres	24,231
Hectares	9,806

CANOLA, 2016 CENSUS	2016
Number of farms reporting	241
Acres	118,761
Hectares	48,061

WHEAT, 2016 CENSUS	2016
Number of farms reporting	201
Acres	68,991
Hectares	27,920

In 2017, wheat produced in Alberta's northwest was transported out of the region by rail and **88%** was delivered to a grain terminal within the northwest region.



88%

Barley acres in Mackenzie Region increased by **84.6%** between 2011 and 2016.

By 2016, canola became the most important field crop in Alberta, covering **25%** of seeded cropland and accounting for **40 to 50%** of cash receipts.



In 2017, canola produced in Alberta's northwest was transported out of the region by rail; **94%** was delivered to a grain terminal within the northwest region.

Growing, Naturally.

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**Mackenzie
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