



Mackenzie  
Agriculture  
SEED

## Seed Production

Not to brag, but our seeds are bigger – and cleaner – in Mackenzie County.

Mackenzie County generally produces much higher thousand-kernel weights. Producers who purchase pedigreed seed perceive an appreciable difference in vigour from those seeds. Our farmers grow grains of greater weight and higher protein levels. The oil seeds we grow are higher in omega content than their counterparts farther south.

Due to our geographic location, lower temperatures during production season, wind direction, “newer” land, and a forest break

to the south, crops in Mackenzie County have lower disease pressure than regions to the south. As a result, buyers of our pedigreed seed can be reassured they are less likely to bring new or additional crop diseases onto their farms.

Alberta is a key player in Canada’s seed industry, accounting for more than a quarter of Canada’s pedigreed seed acres.








## Facts & Figures on Seed Production

As a result of northern summer long growing days in Mackenzie County:



<b>Oats</b> tend to be heavier and whiter, with larger kernels.	<b>Field peas</b> have high protein levels.
<b>Flax</b> has more linoleic acid, an essential Omega-3 fatty acid.	<b>Hemp</b> grows extremely tall, an advantage when used for fibre.

<p>Farmers in Mackenzie County are known for growing grains with higher weight and protein levels and growing oil seeds with higher omega content than more southern regions.</p> 	<p>For producers who are purchasing pedigreed seed to sow, there is a perceived advantage in seed vigour from larger seeds.</p> 
 <p>Winters are colder, killing off most pests, and as a result, fewer pesticides are required.</p>	<p>Provided the growing conditions are favourable for a "regular" harvest, local Mackenzie Region farmers have the ability to sell superior raw product.</p>

**Growing, Naturally.**

Visit [mackenzieagriculture.com](http://mackenzieagriculture.com) to learn more.



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