

Capturing Wheat and Barley Market Opportunities

Research and Development

- Key Players for Research and Development:
 - Western Grains Research Foundation
 - Canadian International Grains Institute
 - Canadian Malting and Brewing Technical Centre
 - Canadian Grain Commission –Research Lab
- Western Grains Research Foundation – WGRF
 - Begun in 1981 with some monies from Prairie Farm Assistance Act
 - Since 2000 the WGRF receives funds deemed to be in excess of the set railway revenue cap –goes into Endowment Fund
 - Continuous funding: producer check-off on grain sales taken from CWB final payments (\$0.50/MT for barley; \$0.30/MT for wheat). Farmer funded and directed.
- Canadian International Grains Institute (CIGI)
 - Provides educational programs and technical expertise to customers. Programs are customized by commodity (e.g. wheat), end use (e.g. animal feed) or subject (e.g. grain marketing)
 - Capabilities: flour milling, noodle and pasta production, bakery, food use barley, pulses, biodiesel, feed, and grain marketing
 - Future funding - part of the new levy agreement with partners. The Institute anticipates it will be much bigger and more commercially focused over time
 - Some exciting work being done with Canada Prairie Spring wheat for noodle and steam bun uses
- Canadian Malting Barley Technical Centre (CMBTC)
 - A non-profit, independent organization to assist the malting and brewing industries
 - Mission – Applied malting and brewing research
 - Objectives - customer education, technical support/guidance, problem solving, training, applied research
 - Services – consulting on brewing/malting production issues, new product development, trouble shooting, barley analysis, malt analysis, beer analysis
- Canadian Grain Commission Research Lab
 - Grain biotechnology research – develops and evaluates assays for detection, identification and quantification of GMO's

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- Variety Identification monitoring – supports Canada’s quality assurance system through variety testing
 - Support variety registration with quality control lab work and reviews new lines prior to registration
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- Governments and industry recognize the importance of existing research programs.
 - There are research opportunities in more than Hard Red Spring wheat. Medium quality wheats (CPS/General Purpose) hold considerable potential for some processing markets.
 - New funding mechanisms for our research institutions are being considered, with details still to be determined.