

# Pathways to Agri-Value Success: Alberta Programs and Services

## Industrial Hemp & Flax: A Growing Northern Alberta Opportunity

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April 4, 2017, Whitecourt

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**Bio-Industrial Opportunities Section  
Alberta Agriculture and Forestry**

# Presentation Outline

❖ **Agriculture & Forestry**



❖ **Bio Resources**



❖ **Funding**



**Industry Advocacy** - We are a champion for Alberta's bioeconomy!



# Bio-Industrial Opportunities Section

Food and Bio Processing Division, Alberta Agriculture & Forestry

## Our Focus: Maximizing Value and Sustainability

Diversifying Alberta's economy by maximizing the value of our **renewable resources** through bringing new concepts to market and increasing processing efficiencies

- 1. New Opportunities for Ag Processing and Production Wastes / By-Products**
  - Reduce / reuse / repurpose agricultural production and processing wastes
- 2. Maximizing Value through Fractionation for Ingredients and Intermediaries**
  - Increase utilization and product identification from grains, oilseeds, pulses and biomass by understanding feedstock and facilitating value chain development
- 3. Facilitate Commercialization and market access**
  - Create an environment for companies to demonstrate, test market, and prepare for commercialization and assist with business connections, market information



# Alberta Agriculture & Forestry

Where to get Assistance with your Industrial  
Hemp or Flax Venture

## Alberta Ag-Info Centre

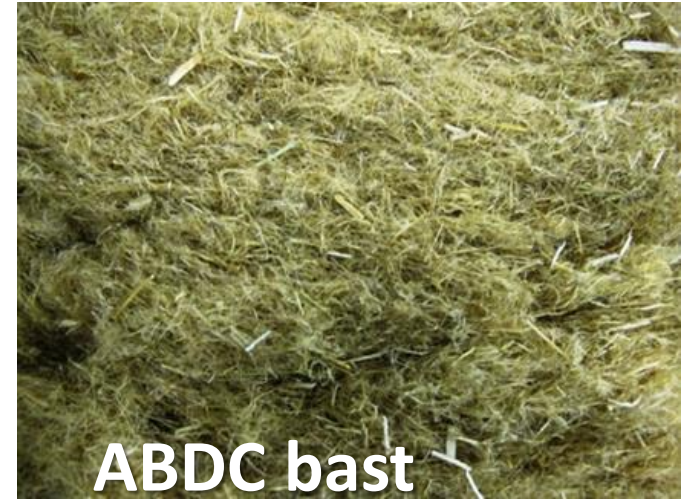
**Call Toll-free in Alberta: 310 FARM (310-3276)**  
to access specialists, information and services within  
areas of crops, specialty crops, beef, forage, business  
management, commercial horticulture and  
new ventures

- Crop Specialists, New Venture Coaches



# Bio-Industrial Resources Available

## Pilot-Scale Decortication Facility





# Industrial Hemp Enterprise



**INDUSTRIAL HEMP**  
ENTERPRISE

This publication can assist producers with an overview:

- of industrial hemp industry from regulatory, seeded acreage, marketing, environmental benefits, licensing, growing and harvesting hemp to economics.

Available at:

[Industrial Hemp Enterprise](#)

# Industrial Hemp Cost of Production

## INDUSTRIAL HEMP SEED PRODUCTION COSTS AND RETURNS IN ALBERTA, 2015

ARD External Release

Alberta Agriculture and Forestry

Economics and Competitiveness Branch

ARD

Food and Bio-Processing Branch



The report provides:

- 2015 estimated cost of production and returns for dryland and irrigated hemp seed grown in Alberta
- Will assist industrial hemp producers, researchers, government, biomaterials and food processing and manufacturing companies with business decisions.

Available at:

[Industrial Hemp Cost of Production](#)

# Industrial Hemp Harvest and Storage



The report:

- Outlines growers, processor, and research experiences on the Prairies
- Helps guide harvest and storage practices to ensure quality requirements
- Also includes three pre-harvest and harvest videos of industrial hemp in Alberta.

Available at :

- [Industrial Hemp Harvest and Storage](#)



# Canadian Hemp Trade Alliance



- CHTA is a national organization that promotes Canadian hemp and hemp products globally. Members include; farmers, processors, manufacturers, researchers, entrepreneurs and marketers.
- **Hemp 2017: Coming of Age - Canada's National Hemp Convention**  
November 14 - 16, 2017  
Website: [Canadian Hemp Trade Alliance](http://CanadianHempTradeAlliance.com)

# Application for an Industrial Hemp License



Health Canada  
Santé Canada

Your health and safety... our priority.  
Votre santé et votre sécurité... notre priorité.

Healthy Environments and Consumer Safety Branch  
Office of Controlled Substances  
November 2016

## APPLICATION FOR AN INDUSTRIAL HEMP LICENCE (disponible en français)

Have you previously been licensed or authorized under the <i>Industrial Hemp Regulations</i> ?			
<input type="checkbox"/> YES <input type="checkbox"/> NO   File Number 9636-8- _____			
Do you currently possess industrial hemp from a previous year?			
<input type="checkbox"/> YES <input type="checkbox"/> NO			
<b>SECTION 1: APPLICANT INFORMATION</b>			
<input type="checkbox"/> Mr. <input type="checkbox"/> Mrs.	<input type="checkbox"/> Ms. <input type="checkbox"/> Miss	Surname	Gender <input type="checkbox"/> Male <input type="checkbox"/> Female
First Name	Second Name	Date of Birth (Year/Month/Day)	
Mailing Address (Include PO Box, if applicable)		Address Line 2 (RM, District, County, etc)	
City/Town		Province	Postal Code
Telephone Number	Fax Number	Email Address	
Preferred Language of Communication <input type="checkbox"/> English <input type="checkbox"/> French		Preferred Method of Communication <input type="checkbox"/> Telephone <input type="checkbox"/> Email	
<b>SECTION 1.1: CORPORATE INFORMATION</b>			
Corporate Name:			
If the applicant is a corporation, cooperative, or partnership, the following must be attached to the application form, where applicable: For <b>renewal</b> applicants, are there changes to the corporation information from the application submitted in the previous year?			
<input type="checkbox"/> No (proceed to Section 1.2) <input type="checkbox"/> Yes (proceed below)			
For <b>new</b> applicants, or <b>renewal applicants who answered 'yes' above</b> , please attach the following:			
<input type="checkbox"/> copy of the certificate of incorporation or other <b>constating</b> instrument; or <input type="checkbox"/> copy of any document registering with a province the name and style under which it operates or intends to operate; or <input type="checkbox"/> evidence of partnership agreement.			

Please contact the Industrial Hemp Section for a copy of the Application for an Industrial Hemp Licence

[hemp@hc-sc.gc.ca](mailto:hemp@hc-sc.gc.ca)

Industrial Hemp Section  
Authorizations Division  
161 Goldenrod Drwy  
AL 0300B  
Ottawa ON K1A 0K9

# Flax Council of Canada



- The Flax Council of Canada is a national organization
- Promotes Canadian flax and flax products for nutritional and industrial uses in domestic and international markets.

[Flax Council of Canada](#)



# Biomass Quality Network Canada



The Biomass Quality Network Canada (BQNC) consists of several organizations that are supporting the commercialization of agricultural biomass for industrial applications through the development and adoption of internationally recognized quality standards.

By providing status updates of the BQNC's activities and housing a central database of quality standards, this site is a resource for producers, industry members and researchers who wish to advance the Canadian bioproducts industry.

[Biomass Quality Network Canada](#)

# Growing Forward 2



A federal-provincial-territorial initiative

Growing Forward 2 is a federal-provincial-territorial partnership with a mandate to drive an innovative, competitive and profitable Canadian agriculture and agri-food sector.

April, 2013 – March 2018 focuses on three priorities: innovation, competitiveness and market development.

- [Accelerating Innovation](#)
- [Agri Processing Automation and Efficiency - Crop](#)
- [Agri Processing Product and Market Development - Crop](#)
- [Business Opportunity](#)

Available on:  
[Growing Forward 2](#)

# New Crop Insurance Initiative (NCII)



- Dryland hemp seed and dryland & irrigated hemp fibre is covered under “New Crop Insurance Initiative (NCII)” in eligible coverage areas
- To be eligible, producers need an active annual crop production insurance contract with insured acres in the current year
- Also may be eligible for hail endorsement, check with AFSC in your area
- Indemnity's are calculated based on losses on insured crops under your current year’s crop insurance subscription



# Funding Options

[Alberta Innovates - Voucher Programs](#)

[Alberta Innovates - Alberta Bio Future, Equipment Utilization program](#)

[Western Diversification – Western Innovation Initiative \(WINN\)](#)

[Sustainable Development Technology Canada \(SDTC\) - SD Tech Fund](#)

[Industrial Research Assistance Program \(IRAP\)- Tech Innovation Projects](#)

[Agriculture & Agri-Food Canada – Agri Innovation Program](#)



# Food and Bio Processing Branch Alberta Agriculture and Forestry

**Thank You!**

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780-853-8181

[agriculture.alberta.ca/bio-industrial](http://agriculture.alberta.ca/bio-industrial)

[albertabiomaterials.ca](http://albertabiomaterials.ca)

*Alberta*  Agriculture  
and Forestry