

*Quality*  
is in our **nature**



## Canadian Hemp

*Nature's wonder fibre*



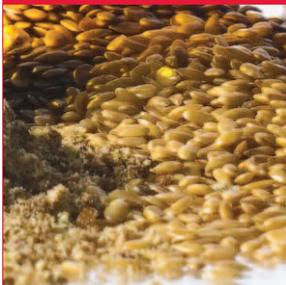
Imagine a single product that is so versatile it can be transformed into textiles, clothing, cosmetics, soap, beer, industrial fibre, building materials and paper. Better yet, imagine one that can produce that full range of items without using dangerous chemicals. Well, the product already exists. It's the hemp plant or, as it's often called industrial hemp.

People have been using hemp for a very long time; the imprints of its fibres have been found on Chinese pottery dating from 10,000 years ago. During the 18th and 19th centuries, hemp was widely grown in Canada for cordage, canvas, clothing and many other purposes, but became an illegal crop in 1938. In 1998, however, industrial hemp was legalized in Canada for research and commercial purposes. The potential offered by the newly resurgent global hemp market has sparked much interest among Canadian farmers.

### From fibre to food



Canada's hemp industry is pioneering the development of hemp-based foods. Food products derived from hemp seed include flour, nutritional bars, pasta, cookies, lactose-free milk and even ice cream. For health-conscious consumers, hemp seeds are second only to soybeans in furnishing complete proteins. In addition, the seeds can be crushed to provide a nutritious oil that contains both omega-3 and omega-6 essential fatty acids (EFAs). Hempseed oil's emollient properties also make it an ideal ingredient for producing both leave-on and rinse-off body care products such as lotions and creams.



At the industrial end of the spectrum, automobile manufacturers are using hemp fibres to make stronger, lighter and less expensive structural panels. In the paper industry, hemp can be environmentally preferable to wood because the plant matures in three to four months and can yield four times as much paper as an equal acreage of trees.





## Cleanliness and safety

Industrial hemp thrives in damp earth, but dislikes standing water. This makes it an excellent crop for the clean soils of Canada's prairies, so most of our hemp is grown in Manitoba, Saskatchewan and Alberta. It's environmentally-friendly because it doesn't need herbicides; in fact, most of Canada's hemp is certified organic.

All Canadian commercial hemp strains are carefully regulated and monitored by the federal government to maintain and ensure genetic identity, and to control its levels of THC (the active ingredient in marijuana). So, although hemp and marijuana belong to the same species, industrial hemp contains only small amounts of THC, and products made from industrial hemp have no psychoactive effects when consumed.

## Experience the Canadian difference

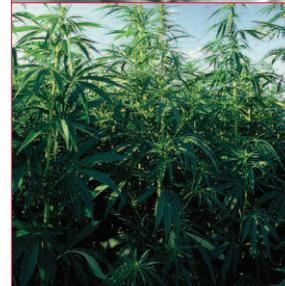
From unique, nutritious foods to environmentally friendly clothing, Canada's hemp industry has something for almost everyone. For further information, please visit:

### Government websites

- Health Canada: Information on Industrial Hemp  
[www.hc-sc.gc.ca/dhp-mps/substancontrol/hemp-chanvre/index\\_e.html](http://www.hc-sc.gc.ca/dhp-mps/substancontrol/hemp-chanvre/index_e.html)
- Agriculture and Agri-Food Canada — Special Crops Section  
[www.agr.gc.ca/misb/spec](http://www.agr.gc.ca/misb/spec)
- Agri-Food Trade Service  
[www.ats.agr.gc.ca](http://www.ats.agr.gc.ca)

### Industry websites

- Canadian Hemp Trade Alliance  
[www.hemptrade.ca](http://www.hemptrade.ca)
- North American International Hemp Council  
[http://naihc.org/NAIHC\\_overview](http://naihc.org/NAIHC_overview)



## Canadian Hemp

### Trade Statistics

The following tables represent Canada's total trade in a given export commodity based on Statistics Canada data. The product categories represent HS code groupings and have not been modified. In most cases, statistics have been presented at the 4 or 6 digit level. Statistics are presented in Canadian dollars and are complete through year end 2008.

#### Canada's Exports to All Countries (HS Code 5302)

Product (\$CAD)	2005	2006	2007	2008	4-YR Total
Hemp	188,940	110,344	102,003	69,140	470,427
Product (Quantity)	2005	2006	2007	2008	Unit
Hemp	124,376	84,655	99,296	55,994	KGM

#### Canada's Monthly Exports to All Countries (HS Code 5302, Value \$CAD)

Month	2005	2006	2007	2008
Jan	17,375	14,729	18,840	1,521
Feb	7,567	8,807	9,455	9,732
Mar	23,588	15,429	9,770	22,315
Apr	18,546	1,397	6,509	1,382
May	15,598	1,148	12,176	16,227
Jun	16,809	7,411	6,209	4,069
Jul	14,670	16,220	3,450	3,315
Aug	12,670	7,065	3,233	3,638
Sep	14,388	19,109	9,932	2,921
Oct	14,960	4,909	13,832	723
Nov	21,349	12,301	1,967	3,297
Dec	11,420	1,819	6,630	0
TOTAL	188,940	110,344	102,003	69,140

#### Canada's Exports to All Countries by Province (HS Code 5302, Value \$CAD)

Province	2005	2006	2007	2008
Nova Scotia	3,614	1,697	0	0
Ontario	166,674	100,118	85,492	61,204
Manitoba	1,556	8,529	16,511	1,118
Saskatchewan	1,625	0	0	771
Alberta	15,471	0	0	6,047

#### Canada's Top 10 Hemp Markets (HS Code 5302, Value \$CAD)

Country	2005	2006	2007	2008
TOTAL:	188,940	110,344	102,003	69,140
United States	181,569	108,902	94,710	44,055
Brazil	0	0	6,293	21,386
China, P. Rep.	0	0	0	3,372
Saudi Arabia	0	0	1,000	324
Denmark	0	0	0	2
Germany	0	0	0	1
Romania	5,815	0	0	0
Trinidad-Tobago	1,556	0	0	0
Costa Rica	0	1,442	0	0