



Products of Biotechnology Regulated by Health Canada

FOOD CROPS

- corn
- soybeans
- cotton seed
- potatoes
- flax
- tomatoes
- sugar beets
- squash
- canola
- papaya
- rice

BIOTECHNOLOGY-DERIVED HEALTH PRODUCTS

Therapeutic agents:

- recombinant blood products
- cytokines
- monoclonal antibodies
- interferons
- insulins
- tissue engineered products such as bone grafts, heart valves, xenografts, and collagen
- agents used in gene therapies
- molecular farming products

Diagnostic and preventative agents

Drugs and medical devices derived from biotechnology such as:

- diagnostic test kits
- viral, bacterial and rickettsial vaccines
- radiolabelled biotherapeutics used for diagnosis and imaging

ENVIRONMENTAL PRODUCTS*

- bioremediation, which is the use of bacteria to clean up environmental contaminants such as oil spills
- biomass conversion, such as converting plant waste to ethanol for use as biofuels
- biological enzymes, such as those used by the pulp and paper industry
- biological drain cleaners and grease trap cleaners

Bio-based pest control products (as they relate to the protection of human health and the environment)

- biological herbicides
- insecticides
- fungicides

FOR MORE INFORMATION VISIT THE BIOTECHNOLOGY THEME AT HEALTH CANADA'S WEB SITE:

<http://www.healthcanada.ca/biotech>

Or contact us at:

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* Health Canada's role in regulation of these products is assessment of risks to human health through environmental exposure to them. These products are also regulated by Environment Canada, under the Canadian Environmental Protection Act.



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