

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Protecting natural resources</b></li> <li>▪ <b>Type(s) of Measure: Technical Assistance/Extension</b></li> </ul>	
<b>Policy</b>	<b>AGRICULTURAL POLICY FRAMEWORK (APF) Environmental Farm Planning</b>
<b>Agency</b>	Agriculture and Agri-Food Canada (AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	An environmental farm plan (EFP) is a voluntary and confidential process used by individual farmers to systematically identify environmental risks and benefits from their own farming operation, and to develop an action plan to mitigate the risks. The EFP process allows farmers to set priorities for actions which address on-farm environmental concerns, as well as those which serve the public interest. Producers are encouraged to develop EFPs, implement beneficial management practices (BMPs) and to continuously evaluate the environmental performance of their farming operations. Environmental farm planning provides farmers with better tools to manage their operations in an environmentally responsible manner. Producers who develop an EFP have an increased awareness of environmental risks and benefits on the farm, and potential solutions for managing them.
<b>Delivery Mechanism</b>	Provincially-delivered programs. See below link for more information on specific programs.
<b>Targets</b>	
<b>When Applied</b>	The APF period covers 2003-2008. The successor policy "Growing Forward" is in negotiation and programs will be updated as available.
<b>Coverage/Eligibility</b>	Available to all agricultural managers across Canada
<b>Costs</b>	See table
<b>Participation/Results</b>	As of March 31, 2008, 76,900 producers and ranchers had participated in the National EFP Initiative with 56,700 reviewed EFPs completed.
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reporting; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181579114202&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181579114202&amp;lang=e</a>

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<b>Policy</b>	<b>AGRICULTURAL POLICY FRAMEWORK National Water Supply Expansion Program</b>
<b>Agency</b>	Agriculture and Agri-Food Canada(AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	The goal of the NWSEP is to provide technical and financial assistance to Canadian producers to help develop, protect and enhance long-term agricultural water supplies.
<b>Delivery Mechanism</b>	Provincial delivery mechanisms. For specific details see: <a href="http://www4.agr.gc.ca/AAFC-AAC/display-fficher.do?id=1181580802373&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-fficher.do?id=1181580802373&amp;lang=e</a>
<b>Targets</b>	
<b>When Applied</b>	The APF period covers 2003-2008. The successor policy “Growing Forward” is in negotiation and programs will be updated as available.
<b>Coverage/Eligibility</b>	Individuals and/or incorporated groups of farmers and ranchers; agricultural and conservation groups; rural communities and municipalities; agri-businesses and rural enterprises; educational institutions; and provincial government departments, agencies, and Crown corporations.
<b>Costs</b>	See table.
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reports; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181580858345&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181580858345&amp;lang=e</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Biodiversity; Soil quality</b></li> <li>▪ <b>Type(s) of Measure: Payments based on land retirement</b></li> </ul>	
<b>Policy</b>	<b>Community Pasture Program</b>
<b>Agency</b>	Agriculture and Agri-food Canada (AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	Promotes environmentally responsible land use and practices in the management of a productive, bio-diverse rangeland. The Community Pastures Program does this by utilizing the valuable land resource to complement livestock production. The program provides producers and resource managers with expertise and services for the sustainable use of land and water by developing and communicating agriculture best practices.
<b>Delivery Mechanism</b>	The federal government owns and leases marginal agricultural land from municipal and provincial governments and manages them as permanent cover areas. The program is designed to help producers strengthen their operations by providing pastures as well as a breeding service. During the summer period, these lands are used primarily for cattle grazing. The formula used to allot grazing space is designed to allocate grazing privileges in inverse proportion to land owned, leased or rented by clients.
<b>Targets</b>	
<b>When Applied</b>	From 1937.
<b>Coverage/Eligibility</b>	The program is administered through the PFRA in the Prairie Provinces: Manitoba; Saskatchewan; and Alberta.
<b>Costs</b>	Fees are charged for all services provided on the pastures
<b>Participation/Results</b>	In 2007, PFRA operated 85 community pastures across the Prairies; 24 in Manitoba, 62 in Saskatchewan and one in Alberta. The total acreage of PFRA community pastures is about 2.2 million acres (0.89 million hectares). Of this amount, nearly 90% is native vegetation. Close to 3,200 producers use the pastures each summer, grazing about 220,000 head of livestock and utilizing over 3,000 bulls in the pasture breeding program.
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reporting; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1183491574124&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1183491574124&amp;lang=e</a>

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<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Soil protection; Biodiversity</b></li> <li>▪ <b>Type(s) of Measure: Payments Based On Fixed Farm Assets; Technical Assistance/Extension; Research/Education</b></li> </ul>	
<b>Policy</b>	<b>Prairie Shelterbelt Program</b>
<b>Agency</b>	Agriculture and Agri-Food Canada(AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	To enhance environmental sustainability and biodiversity through the use of shelterbelts and to contribute to economic development by encouraging diversification in areas such as agri-forestry.
<b>Delivery Mechanism</b>	Administered out of the Shelterbelt Centre at Indian Head, Saskatchewan. The program distributes (free of charge) trees and shrubs to qualifying landowners for planting in agricultural areas – Manitoba, Saskatchewan, Alberta the Peace River region of British Columbia. The Shelterbelt Centre also provides technical assistance and conducts applied research in nursery management, tree improvement and agro-forestry. Major emphasis is placed upon field shelterbelt plantings for soil conservation, snow management and crop stabilization. Transportation costs must be paid by the applicant
<b>Targets</b>	
<b>When Applied</b>	From 1901.
<b>Coverage/Eligibility</b>	<p>Eligibility for tree seedlings and technical assistance through the Prairie Shelterbelt Program (PSP) is based on the land owned.</p> <p>Eligible landowners include:</p> <p>Private landowners in the PFRA mandate region (SK, MB, AB and Peace River Region of British Columbia)</p> <ul style="list-style-type: none"> <li>* Where taxes are paid to a rural municipality,</li> <li>* or where the land is zoned agricultural,</li> <li>* and if the holdings exceed 2 hectares (5 acres) in size</li> </ul> <p>Public land managers</p> <ul style="list-style-type: none"> <li>* of municipal, provincial or federal departments or authorities</li> <li>* of land that has tax-exempt status or rights held by the Crown</li> </ul> <p>First Nations band councils or individuals for planting on reservation land.</p> <p>Eligible applications are rated and ranked based on their potential to support AAFC environmental priorities and to provide agricultural benefits.</p>
<b>Costs</b>	
<b>Participation/Results</b>	Over 5 million trees and shrubs are distributed annually to 8,000 farmers and ranchers, who are responsible for covering transportation costs and for planting and maintaining their shelterbelts.
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reporting; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-">http://www4.agr.gc.ca/AAFC-AAC/display-</a>



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<b>Policy</b>	<b>AGRICULTURAL POLICY FRAMEWORK National Farm Stewardship Program</b>
<b>Agency</b>	Agriculture and Agri-Food Canada
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	As part of Canada's National Environmental Farm Planning Initiative, the National Farm Stewardship Program (NFSP) will provide technical and financial assistance to support adoption of beneficial management practices by agricultural producers and land managers. A national list of BMP categories and associated practices has been developed to identify those BMPs eligible for assistance under the program.
<b>Delivery Mechanism</b>	Provincially-delivered programs. See below link for more information on specific programs.
<b>Targets</b>	
<b>When Applied</b>	The APF period covers 2003-2008. The successor policy "Growing Forward" is in negotiation and programs will be updated as available.
<b>Coverage/Eligibility</b>	Producers who have a completed and reviewed environmental farm plan or equivalent agri-environmental plan are eligible to apply for financial and technical assistance through the National Farm Stewardship Program and Greencover Canada to implement beneficial management practices identified in their environmental farm plan.
<b>Costs</b>	See table. Note: the federal investment leveraged approximately \$250 million dollars, including expenditures of producers, non-governmental organizations, wildlife organizations, etc.
<b>Participation/Results</b>	As of March 31, 2008, 44,000 BMPs had been implemented.
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reporting; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181580600540&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181580600540&amp;lang=e</a>

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<b>Policy</b>	<b>AGRICULTURAL POLICY FRAMEWORK Greencover Canada</b>
<b>Agency</b>	Agriculture and Agri-Food Canada(AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	The Greencover Canada program is to help producers improve grassland-management practices, protect water quality, reduce greenhouse-gas emissions, and enhance biodiversity and wildlife habitat. Greencover Canada focuses on five components: land conversion, critical areas, technical assistance, watershed evaluation of BMPs and shelterbelts.
<b>Delivery Mechanism</b>	Provincial delivery mechanism. For specific details see: <a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181579738363&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181579738363&amp;lang=e</a>
<b>Targets</b>	
<b>When Applied</b>	The APF period covers 2003-2008. The successor policy “Growing Forward” is in negotiation and programs will be updated as available.
<b>Coverage/Eligibility</b>	Producers who have a completed and reviewed environmental farm plan or equivalent agri-environmental plan are eligible to apply for financial and technical assistance.
<b>Costs</b>	See table
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reporting; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181580137261&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181580137261&amp;lang=e</a>

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<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Farm managements systems</b></li> <li>▪ <b>Type(s) of Measure: Research/education; Technical assistance/extension</b></li> </ul>	
<b>Policy</b>	<b>AGRICULTURAL POLICY FRAMEWORK National Agri-Environmental Standards Initiative</b>
<b>Agency</b>	Agriculture and Agri-food Canada (AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	The objectives of NAESI are to: <ul style="list-style-type: none"> <li>-establish agri-environmental standards that support common AAFC and Environment Canada goals for the environment;</li> <li>-evaluate standards attainable by environmentally-beneficial agricultural production and management practices; and</li> <li>-increase understanding of relationships between agriculture and the environment.</li> </ul>
<b>Delivery Mechanism</b>	Research program is funded by AAFC, and led by Environment Canada.
<b>Targets</b>	N/A
<b>When Applied</b>	2003-2008
<b>Coverage/Eligibility</b>	Research to develop standards focused on four priority areas: <ul style="list-style-type: none"> <li>· Air: ammonia as a precursor to particulate matter</li> <li>· Water: nutrients, pathogens, and ecohydrology (instream flow needs, water availability)</li> <li>· Biodiversity: habitat conservation, focused on wetlands, riparian areas, and connective corridors</li> <li>· Pesticides: priority pesticides that impact on air and water and key commodity-based pesticides</li> </ul>
<b>Costs</b>	\$25M over 5 years (2003-2008)
<b>Participation/Results</b>	Currently under evaluation
<b>How Programme is Monitored/Evaluated</b>	An evaluation is conducted by AAFC and EC to determine if objectives are met.
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1209128121608&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1209128121608&amp;lang=e</a>

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<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Generic/broad spectrum</b></li> <li>▪ <b>Type(s) of Measure: Inspection/control</b></li> </ul>	
<b>Policy</b>	<b>AGRICULTURAL POLICY FRAMEWORK National Agri-Environmental Analysis and Reporting Program (NAHARP)</b>
<b>Agency</b>	Agriculture and Agri-Food Canada(AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	NAHARP provides science-based agri-environmental information that can play a critical role in guiding policy and program design, and can help determine which options will be most effective. As policies and programs are implemented, information from NAHARP will help analyze and understand the results actually achieved. The information generated will also provide a general report card that can help track the environmental performance of Canadian agriculture.
<b>Delivery Mechanism</b>	Publication, in February 2000 of the first comprehensive assessment of Canadian agriculture's environmental performance entitled "Environmental Sustainability of Canadian Agriculture: Report of the Agri-Environmental Indicator Project". In 2005 a second published report entitled "Environmental Sustainability of Canadian Agriculture: Agri-Environmental Indicator Report Series (Report #2)" is envisioned as an intermediate step towards the objective of periodic reporting on a comprehensive set of Agri-environmental Indicators for Canada. The third report with 25 year trends on an expanded set of indicators is expected in early 2009.
<b>Targets</b>	
<b>When Applied</b>	
<b>Coverage/Eligibility</b>	Components include Agri-environmental indicators, Integrated economic/environmental modeling and analysis Agri-environmental valuation
<b>Costs</b>	See table
<b>Participation/Results</b>	Temporal coverage to 2001
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Review; Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1182355496848&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1182355496848&amp;lang=e</a>

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<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Soil protection; Water resources</b></li> <li>▪ <b>Type(s) of Measure: Technical assistance/ extension</b></li> </ul>	
<b>Policy</b>	<b>National Land and Water Information Service (NLWIS)</b>
<b>Agency</b>	Agriculture and Agri-Food Canada (AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	NLWIS is an Internet-based service being developed to provide on-line access to agri-environmental information to help Canadians make responsible land-use decisions.
<b>Delivery Mechanism</b>	The project is being led by Agriculture and Agri-Food Canada (AAFC). Provincial Working Groups have been established to help identify business requirements and priorities, provide advice and communicate project activities. The project is based on Geographic Information System (GIS) technology following national standards and specifications, as well as federal geomatics policies and practices.
<b>Targets</b>	
<b>When Applied</b>	2006-2009; phased approach
<b>Coverage/Eligibility</b>	NLWIS will provide three levels of user support: Self Service - an on-line help menu for general information, frequently asked questions, and directions on how to search and navigate the Web site; Assisted Service - assistance through tutorials or help via the National Land and Water Information Service Office (underdevelopment); Custom Service - applications or interpretations created in collaboration with clients.
<b>Costs</b>	See table.
<b>Participation/Results</b>	Operational by 2009 (see link for details)
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reporting; Reports on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www.agr.gc.ca/nlwis-snite/index_e.cfm">http://www.agr.gc.ca/nlwis-snite/index_e.cfm</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Reduce risks to health and environment</b></li> <li>▪ <b>Type(s) of Measure: Technical assistance/extension</b></li> </ul>	
<b>Policy</b>	<b>Pesticide Risk Reduction Program</b>
<b>Agency</b>	Agriculture and Agri-food Canada (AAFC)/Health Canada- Pest Management Regulatory Agency (PMRA)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	The objective of the Pesticide Risk Reduction Program is to reduce the risks to the environment and human health posed by the use of pesticides in agriculture. AAFC is involved in developing commodity-based, reduced-risk tools and integrated approaches to pest and crop management that will provide Canadian producers with alternative pest-management solutions. The Pesticide Risk Reduction Program focuses on developing and implementing reduced risk solutions for pest management issues that have been identified as priorities by growers.
<b>Delivery Mechanism</b>	AAFC and the PMRA are working together with stakeholders from many sectors (government, industry, researchers and others) to develop commodity specific risk reduction strategies
<b>Targets</b>	
<b>When Applied</b>	2002-2008
<b>Coverage/Eligibility</b>	Focuses on selected crops and priority pest management issues that are determined through stakeholder consultations at a national level.
<b>Costs</b>	\$16.8 million over six years
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	Data is collected in order to measure, over time, the pesticide risk reduction achieved by the program.
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181137029350&amp;lang=e=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1181137029350&amp;lang=e=e</a>

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<b>Policy</b>	<b>Minor Use Program</b>
<b>Agency</b>	Agriculture and Agri-food Canada (AAFC)/Health Canada- Pest Management Regulatory Agency (PMRA)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	Under the program, AAFC is conducting field trials and laboratory analysis to obtain the required data for the registration of new minor uses of pesticides. These efforts are assisting the environmental stewardship of Canadian producers, promoting safe food for Canadians and helping Canada's producers to compete in global markets.
<b>Delivery Mechanism</b>	Joint initiative between AAFC and Health Canada's Pest Management Regulatory Agency (PMRA).
<b>Targets</b>	
<b>When Applied</b>	2002-2008
<b>Coverage/Eligibility</b>	The AAFC Minor Use Pesticide Priority-Setting Workshop is held annually to determine national priorities.
<b>Costs</b>	\$54.5 million over six years.
<b>Participation/Results</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1178883068211&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1178883068211&amp;lang=e</a>
<b>How Programme is Monitored/Evaluated</b>	Departmental Performance Reports/Report on Plans and Priorities
<b>Sources/Further Information</b>	<a href="http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1177525838285&amp;lang=e">http://www4.agr.gc.ca/AAFC-AAC/display-afficher.do?id=1177525838285&amp;lang=e</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Organic production</b></li> <li>▪ <b>Type(s) of Measure: Labelling Standards/Certification</b></li> </ul>	
<b>Policy</b>	<b>NATIONAL STANDARD OF CANADA FOR ORGANIC AGRICULTURE</b>
<b>Agency</b>	Agriculture and Agri-Food Canada (AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	National program supporting the development of voluntary standards for organic agricultural production.
<b>Delivery Mechanism</b>	<p>In 1989, AAFC began supporting the development of the organic sector by addressing quality certification issues. By December 1996, AAFC in collaboration with the Canadian Organic Advisory Board were ready to propose the development of a National Standard of Canada for organic agriculture.</p> <p>In June 1999, the Canadian General Standards Board published <i>Organic Agriculture</i> (CAN/CGSB-32.310), the national standard that outlined principles for organic agriculture. It also specified the minimum criteria that must be met when food products, inputs and other products used in organic production are defined as organic.</p> <p>In 2002, AAFC requested a revision of the <i>Organic Agriculture</i> standard in order to facilitate trade with major partners including the European Union (EU), the United States (U.S.) and Japan.</p> <p>The two national standards that were published in 2006 [CAN/CGSB-32.310-2006, <i>Organic Production Systems — General Principles and Management Standards</i>, and CAN/CGSB-32.311-2006, <i>Organic Production Systems — Permitted Substances List</i>] are being revised to clarify technical requirements and add new technical requirements and substances to the Permitted Substances List. The Advancing Canadian Agriculture and Agri-Food (ACAAF) Program of AAFC is funding the revision which is sponsored by the Canadian Organic Growers Inc.</p> <p>In 2006, the Canadian Food Inspection Agency (CFIA) published <i>Organic Products Regulations</i> which require additional changes to the standards.</p>
<b>Targets</b>	N/A
<b>When Applied</b>	Work began in 1989. The first edition of the National Standard was published in 1999. A second edition was released in 2006. The standard is currently being reviewed.
<b>Coverage/Eligibility</b>	A nation-wide measure.
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	Canadian General Standards Board – Standard for Organic Agriculture: <a href="http://www.tpsgc-pwgsc.gc.ca/cgsb/on_the_net/organic/index-e.html">http://www.tpsgc-pwgsc.gc.ca/cgsb/on_the_net/organic/index-e.html</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Renewable Energy</b></li> <li>▪ <b>Type(s) of Measure: Payments based on fixed assets</b></li> </ul>	
<b>Policy</b>	<b>ecoACTION Future Fuels Initiative</b>
<b>Agency</b>	Agriculture and Agri-food Canada (AAFC) and Natural Resources Canada (NRCan).
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	To boost Canada's annual ethanol production and use by four times (by 750 million litres).
<b>Delivery Mechanism</b>	Joint delivery AAFC/NRCAN
<b>Targets</b>	
<b>When Applied</b>	The Future Fuels Initiative renews The National Biomass Ethanol Program (NBEP) which expired in 2005 for the period of 2005-2010.
<b>Coverage/Eligibility</b>	A nation-wide program.
<b>Costs</b>	NEBP: \$140 million in contingent loan guarantees (encourages financing of new plants) FFI: An additional \$3 million over five years (provide market information to retail consumers)
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://oee.nrcan.gc.ca/transportation/fuels/ethanol/future-fuels-initiative.cfm?attr=20">http://oee.nrcan.gc.ca/transportation/fuels/ethanol/future-fuels-initiative.cfm?attr=20</a>

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<b>Policy</b>	<b>EcoAGRICULTURE BIOFUELS CAPITAL INITIATIVE (ecoABC)</b>
<b>Agency</b>	Agriculture and Agri-Food Canada(AAFC)
<b>Relevant Legislation</b>	
<b>Overall Objective</b>	<p>The ecoABC Initiative provides repayable contributions for the construction or expansion of transportation biofuel production facilities.</p> <p>It provides an opportunity for agricultural producers to diversify their economic base and participate in the biofuels industry through equity investment/ownership in biofuels production facilities.</p>
<b>Delivery Mechanism</b>	Delivered nationally by AAFC
<b>Targets</b>	Reaching an average of 5% renewable content in gasoline by 2010 and 2% renewable content in diesel fuel and heating oil by 2012.
<b>When Applied</b>	2007-2011
<b>Coverage/Eligibility</b>	<p>Nation-wide program</p> <p>Funding is conditional upon agricultural producer investment in the biofuel projects, and the use of agricultural feedstock to produce the biofuel.</p>
<b>Costs</b>	\$200 million over four years
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<p>ecoABC Funding Guide</p> <p><a href="http://www4.agr.gc.ca/resources/prod/doc/prog/ecoabc-ieeb/pdf/guide_v4_e.pdf">http://www4.agr.gc.ca/resources/prod/doc/prog/ecoabc-ieeb/pdf/guide_v4_e.pdf</a></p>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Air and water pollution; Reduce risks to health and environment</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirements</b></li> </ul>	
<b>Policy</b>	<b>Canadian Environmental Protection Act (CEPA)</b>
<b>Agency</b>	Environment Canada/Health Canada
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	Pollution prevention and the protection of the environment and human health in order to contribute to sustainable development
<b>Delivery Mechanism</b>	<p>CEPA ensures that the federal government ensures any gaps for environmental protection when there is no coverage under other federal Acts. HC works in partnership with EC to assess potentially toxic substances and to develop regulations to control toxic substances. Enforcement offices investigate cases of non-compliance. Enforcement tools available under CEPA include warnings, environmental protection compliance orders, and penalties.</p> <p>CEPA complements other acts in Canada's regulatory framework- including the <i>Fertilizers Act</i>, <i>Seeds Act</i> and <i>Health of Animals Act</i>- which have elements requiring the assessment of commercial agricultural inputs and products for safety to humans and the environment.</p>
<b>Targets</b>	
<b>When Applied</b>	Entry into force March 31, 2000
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://www.ec.gc.ca/CEPARRegistry/">http://www.ec.gc.ca/CEPARRegistry/</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Reduce risks to health and environment</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirements</b></li> </ul>	
<b>Policy</b>	<b>Pest Control Products Act 2002 (PCPA)</b>
<b>Agency</b>	Health Canada- Pest Management Regulatory Agency (PMRA)
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	To prevent unacceptable risks to people and the environment from the use of pest control products. The new Act improves the pesticide regulatory system by increasing transparency and strengthening health and environmental protection and post-registration control of pesticides.
<b>Delivery Mechanism</b>	This act sets the parameters for the manufacturing, storing, distribution or use of any control products. It prohibits the packaging, labelling or advertising of any control product in a manner that is false or misleading.
<b>Targets</b>	
<b>When Applied</b>	The new PCPA (2002) received Royal Assent on December 12, 2002, and came into force on June 28, 2006.
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://www.pmra-arla.gc.ca/english/legis/pestcont-e.html">http://www.pmra-arla.gc.ca/english/legis/pestcont-e.html</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Reduce risks to health and environment</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirement</b></li> </ul>	
<b>Policy</b>	<b>Plant Protection Act</b>
<b>Agency</b>	Canadian Food Inspection Agency (CFIA)
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	The purpose of this Act is to protect plant life and the agricultural and forestry sectors of the Canadian economy by preventing the importation, exportation and spread of pests and by controlling or eradicating pests in Canada.
<b>Delivery Mechanism</b>	
<b>Targets</b>	
<b>When Applied</b>	From 1990
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://laws.justice.gc.ca/en/P-14.8?noCookie">http://laws.justice.gc.ca/en/P-14.8?noCookie</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Water resources</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirements</b></li> </ul>	
<b>Policy</b>	<b>Canada Water Act</b>
<b>Agency</b>	Environment Canada
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	The purpose of this Act is to provide for the management of the water resources of Canada, including research and the planning and implementation of programs relating to the conservation, development and utilization of water resources.
<b>Delivery Mechanism</b>	<p>Part 1 of the Act provides for the establishment of federal-provincial consultative arrangements for water resource matters and for cooperative agreements with the provinces to develop and implement plans for the management of water resources.</p> <p>Part 2 enables the Minister, with Governor in Council approval, to conclude agreements with provinces for the joint designation of water quality management areas for federal waters or any other waters where water quality management has become a matter of urgent national concern.</p> <p>Part 3 provides for regulating the concentration of nutrients in cleaning agents and water conditioners.</p> <p>Part 4 contains provisions on general administration and enforcement and allows the Minister to establish advisory committees and undertake public information programs.</p>
<b>Targets</b>	
<b>When Applied</b>	Enacted in 1970, amended in 1985
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	An annual report to Parliament on activities under the Act is required.
<b>Sources/Further Information</b>	<a href="http://www.oas.org/dsd/environmentlaw/waterlaw/documents/Canada-Canada_Water-Act.pdf">http://www.oas.org/dsd/environmentlaw/waterlaw/documents/Canada-Canada_Water-Act.pdf</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Generic/broad spectrum</b></li> <li>▪ <b>Type(s) of Measure: Inspection/control</b></li> </ul>	
<b>Policy</b>	<b>Canadian Environmental Assessment Act (CEAA)</b>
<b>Agency</b>	Canadian Environmental Assessment Agency (reports to Minister of the Environment)
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	<p>The purposes of this Act are</p> <p>( a) to ensure that projects are considered in a careful and precautionary manner before federal authorities take action in connection with them, in order to ensure that such projects do not cause significant adverse environmental effects;</p> <p>( b) to encourage responsible authorities to take actions that promote sustainable development and thereby achieve or maintain a healthy environment and a healthy economy;</p> <p>( b.1) to ensure that responsible authorities carry out their responsibilities in a coordinated manner with a view to eliminating unnecessary duplication in the environmental assessment process;</p> <p>(b.2) to promote cooperation and coordinated action between federal and provincial governments with respect to environmental assessment processes for projects;</p> <p>(b.3) to promote communication and cooperation between responsible authorities and Aboriginal peoples with respect to environmental assessment;</p> <p>( c) to ensure that projects that are to be carried out in Canada or on federal lands do not cause significant adverse environmental effects outside the jurisdictions in which the projects are carried out; and</p> <p>( d) to ensure that there be opportunities for timely and meaningful public participation throughout the environmental assessment process.</p>
<b>Delivery Mechanism</b>	<p>The Act applies to projects where the Government of Canada has decision-making authority – whether as a proponent, land manager, source of funding or regulator. All projects receive an appropriate degree of environmental assessment. The degree depends largely on the scale and complexity of the likely effects of the project. Consequently, there are four types of environmental assessments- screening, comprehensive study, mediation and review panel.</p>
<b>Targets</b>	
<b>When Applied</b>	Since January 1995
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://www.ceaa-acee.gc.ca/013/intro_e.htm#4">http://www.ceaa-acee.gc.ca/013/intro_e.htm#4</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Water resources,</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirements</b></li> </ul>	
<b>Policy</b>	<b>Fisheries Act</b>
<b>Agency</b>	Fisheries and Oceans Canada; Environment Canada has the lead in enforcement of the pollution control provisions of the Act
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	<p>This Act deals with, <i>inter alia</i>, the deposit of deleterious substances into water frequented by fish, including pollution from farms. The Act prohibits the unauthorized deposit of a harmful substance into water frequented by fish. The Act also prohibits harmful alteration, disruption or destruction of fish habitats. Therefore, any work in or about a fish watercourse requires pre-approval.</p> <p>The new Fisheries Act aims to provide a more predictable, stable and transparent fisheries and fish habitat management system where fish harvesters, and others with an interest in the fisheries, can share in the management of this important public resource.</p>
<b>Delivery Mechanism</b>	
<b>Targets</b>	
<b>When Applied</b>	Since 1868; New Fisheries Act was tabled in parliament November 2007
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://www.dfo-mpo.gc.ca/media/infocus-alaune/2007/20071129-eng.htm">http://www.dfo-mpo.gc.ca/media/infocus-alaune/2007/20071129-eng.htm</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Biodiversity</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirements</b></li> </ul>	
<b>Policy</b>	<b>Species at Risk Act (SARA)</b>
<b>Agency</b>	Environment Canada; Fisheries and Oceans Canada; Parks Canada Agency
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	The Act is a key federal government commitment to prevent wildlife species from becoming extinct and secure the necessary actions for their recovery. It provides for the legal protection of wildlife species and the conservation of their biological diversity.
<b>Delivery Mechanism</b>	<p>The Act will:</p> <ul style="list-style-type: none"> <li>establish the Committee on the Status of Endangered Wildlife in Canada (COSEWIC) as an independent body of experts responsible for assessing and identifying species at risk;</li> <li>require that the best available knowledge be used to define long and short-term objectives in a recovery strategy and action plan;</li> <li>create prohibitions to protect listed threatened and endangered species and their critical habitat;</li> <li>recognize that compensation may be needed to ensure fairness following the imposition of the critical habitat prohibitions;</li> <li>create a public registry to assist in making documents under the Act more accessible to the public; and</li> <li>be consistent with Aboriginal and treaty rights and respect the authority of other federal ministers and provincial governments.</li> </ul>
<b>Targets</b>	
<b>When Applied</b>	2002
<b>Coverage/Eligibility</b>	National
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://www.sararegistry.gc.ca/default_e.cfm">http://www.sararegistry.gc.ca/default_e.cfm</a>

<b>Matrix Classification</b>	
<ul style="list-style-type: none"> <li>▪ <b>Country: Canada</b></li> <li>▪ <b>Environmental Objective(s): Reduce risks to health and environment</b></li> <li>▪ <b>Type(s) of Measure: Regulatory requirements</b></li> </ul>	
<b>Policy</b>	<b>Fertilizer Act</b>
<b>Agency</b>	Canadian Food Inspection Agency (CFIA)
<b>Relevant Legislation</b>	See title
<b>Overall Objective</b>	The primary purpose of this federal legislation is to ensure fertilizer and supplement products sold and/or imported are safe, efficacious and properly labelled. This protects the farmer and the general public against potential health hazards and fraud in marketing.
<b>Delivery Mechanism</b>	
<b>Targets</b>	
<b>When Applied</b>	
<b>Coverage/Eligibility</b>	
<b>Costs</b>	
<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	
<b>Sources/Further Information</b>	<a href="http://www.sararegistry.gc.ca/default_e.cfm">http://www.sararegistry.gc.ca/default_e.cfm</a>

<b>Matrix Classification</b>	
<b>Country: Canada</b> <b>Environmental Objective(s): Generic/broad spectrum</b> <b>Type(s) of Measure: Research/education</b>	
<b>Policy</b>	<b>RESEARCH BRANCH AND RESEARCH CENTRES OF AGRICULTURE AND AGRI-FOOD CANADA</b>
<b>Agency</b>	See title.
<b>Relevant Legislation</b>	Department of Agriculture and Agri-Food Act (1985)
<b>Overall Objective</b>	Conduct research related to agriculture and products derived from agriculture, including the operation of experimental farm stations .
<b>Delivery Mechanism</b>	The Research Branch has 19 research centres across the country, each with a mix of scientists addressing one or more of the seven priorities of AAFC Science and Innovation Strategy. The expertise at each site further reflects the type of industry in the agro-ecological region where they are located. The centres cooperate in delivering results for seven national priorities. Agri-environmental science programming relates to two of these priorities.
<b>Targets</b>	<p>Science deliverables under each of the two agri-environment priorities include:</p> <p>(1) Enhancing environmental performance of the Canadian agricultural system:</p> <ul style="list-style-type: none"> <li>• New knowledge and improved understanding of the interactions and impact of agricultural practices on the environment (soil, water, air and biodiversity).</li> <li>• Availability of new and improved best management practices (BMPs) to: reduce soil and water contamination from nutrients, pathogens, pesticides; reduce impact of intensive crop and livestock operations; reduce GHG, ammonia, particulate emissions, and nuisance odours; improve soil and water conservation; and improve water and nutrient use efficiency.</li> <li>• Improved decision making, policy development and program implementation through the development of science-based indicators to measure the environmental performance of the sector and through strengthened collaboration with partners and stakeholders.</li> </ul> <p>(2) Enhancing understanding of Canadian bioresources and protecting and conserving their genetic diversity.</p> <ul style="list-style-type: none"> <li>• Information on Canadian bioresources is collected, characterized, validated and made available.</li> <li>• Availability of science based tools and advanced knowledge to predict the behaviour of biological resources in response to changes in the environment.</li> </ul> <p>Scientific collaboration on the identification of Canadian bioresources that may provide useful products or functions that will contribute to economic prosperity.</p>
<b>When Applied</b>	Ongoing
<b>Coverage/Eligibility</b>	Nation-wide.
<b>Costs</b>	For fiscal year 2008-09, 25% of Research Branch non-pay operating budget (CAD 20 million) has been attributed to the two above-listed environment-related priorities.

<b>Participation/Results</b>	
<b>How Programme is Monitored/Evaluated</b>	Funds are attributed through a peer reviewed research funding evaluation process and progress is measured annually against specific research objectives.
<b>Sources/Further information</b>	<a href="http://www.agr.gc.ca/index.html">http://www.agr.gc.ca/index.html</a> [ <i>Chose language then click “Science and Innovation”</i> ]