



#230-32160 South Fraser Way
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**AGRICULTURE ENVIRONMENT
 PARTNERSHIP INITIATIVE
 (AEPI)
 COMPLETED PROJECTS**

For more information about the Agriculture Environment Partnership Initiative's Completed Projects please contact Brian Baehr, AEI Program Manager, tel: 250-860-2967.

AREA PLANS AND IMPLEMENTATION					
Study of the Impacts of Farmland Flooding					
Strategic Priority	Area Plans and Implementation	Project Number	01-010	Status	completed 01
The purpose of this project was to determine the environmental and agricultural benefits of preventing farmland flooding in the Fort Langley area. An amount of \$4,672 was provided to the Fort Langley Area Farmers' Association for this study in support of proposed regional water management improvements.					
Hatzic Prairie Watershed Stewardship Project					
Strategic Priority	Area Plans and Implementation	Project Number	01-027	Status	completed 04
The purpose of this initiative was to implement drainage improvements on agricultural land while enhancing riparian habitat at the same time. An amount of \$32,000 was approved to assist in the construction of a sediment control project as well as for education awareness about managing the watershed. The lead group is the Hatzic Valley Watershed Committee. Other partners included Environment Canada.					
Round Lake Management Plan					
Strategic Priority	Area Plans and Implementation	Project Number	03-019	Status	completed 04
An amount of \$13,000 was approved toward the costs of gathering lake water quality data, consulting and preparing a lake management plan for Round Lake. Educational material on stewardship practices for farmers, local community awareness of lake management and watershed health, and follow-up assistance in implementing action items for farms on the watershed are project objectives.					
Nick's Island Dyke Restoration					
Strategic Priority	Area Plans and Implementation	Project Number	05-018	Status	completed 07
This project supported the environmental component of dyke restoration. Fish habitat measures were required to secure permits for works. These works included plantings along the dykes, boulder clusters for velocity breaks and refuge areas for fish. \$10,000 was approved for this project.					
Upper Skeena Agriculture Environment Action Plan					
Strategic Priority	Area Plans and Implementation	Project Number	05-012	Status	completed 06
This project implemented the 2005 Action Plan developed by the Upper Skeena Agriculture Environment Focus Group. \$9,770 was approved to fund grazing and range readiness workshops, stewardship booths at local fairs, Cows and Fish workshops, presentations and promotion of environmental due diligence in the agricultural community.					

Funding provided by:



Nick's Island Dyke Restoration Part 2

Strategic Priority	Area Plans and Implementation	Project Number	08-003	Status	completed 08
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This project assisted farms and ranches in the Creston area to comply with environmental regulations and standards. The project provided erosion control over approximately 330 m long section of the dyke; in turn, the dyke repair and maintenance protects an estimated 2,000 acres of agricultural land from flood damage. \$20,000 was approved to support this project.

EDUCATION AND AWARENESS

Cole Crop IPM Poster

Strategic Priority	Education and Awareness	Project Number	01-018	Status	completed 02
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An amount of \$4,400 was approved to assist in the development of an Integrated Pest Management (IPM) education and awareness package for cole crop growers. The outcome will be visual material to assist growers in identifying pests and diseases and distribution of that material as a means encouraging IPM technology to minimize pesticide use.

4-H Rural Urban Connections

Strategic Priority	Education and Awareness	Project Number	01-051	Status	completed 02
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Funding of \$10,000 was granted to support the emphasis on agriculture environment issues and awareness at the 2002 Rural Urban Connections conference for rural and urban youth.

Southern Interior Weed Management Committee Education and Awareness

Strategic Priority	Education and Awareness	Project Number	03-004	Status	completed 06
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\$15,000 over two years was approved to fund an enhanced education and awareness program with agencies and organizations to underscore the importance of controlling the spread of noxious weeds. The Thompson Nicola Regional District was a partner in this initiative.

Range Management Seminar

Strategic Priority	Education and Awareness	Project Number	03-006	Status	completed 04
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The purpose of this project was to make ranchers, agency personnel and hunters aware of changes to range management policies and enhanced range management practices. \$10,000 was approved for the hosting of this seminar.

2003 Wetlands Institute – Focus on Grazing

Strategic Priority	Education and Awareness	Project Number	03-010	Status	completed 04
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The purpose of this project was to support an enhanced focus on grazing around wetland areas as part of the Wetlands Institute short course in the summer of 2003. \$5,000 was granted to this project.



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Building Bridges					
Strategic Priority	Education and Awareness	Project Number		Status	
		04-002		completed	05
<p>This objective of this project was to gather baseline data on residents understanding and participation in agricultural stewardship. The project identified issues and strategies to address these issues, improved public awareness and support for environmentally friendly agriculture. \$10,000 was granted to the Langley Environmental Partners Society for this project.</p>					
Noxious and Invasive Weeds					
Strategic Priority	Education and Awareness	Project Number		Status	
		04-003		completed	05
<p>This project assisted Boundary area producers in weed management by improving recognition and control of weeds through the provision of technical information to producers and private landowners. \$10,000 was approved for this project.</p>					
Grassi Point Farm Fish Channel					
Strategic Priority	Education and Awareness	Project Number		Status	
		04-004		completed	05
<p>This project demonstrated the resolution of a conflict between fisheries resources and agricultural land development through the construction of an off stream fish spawning channel. This is an opportunity for public education on agricultural and fisheries values in a sensitive estuarial area. An amount of \$9,682 was approved for this project.</p>					
Invasive Plant Education and Outreach in the South Okanagan Similkameen					
Strategic Priority	Education and Awareness	Project Number		Status	
		05-004		completed	06
<p>This project provided an education and awareness program on noxious weeds in the South Okanagan Similkameen area. \$10,000 was allocated to this initiative.</p>					
Snake Management and Awareness in Agricultural Settings					
Strategic Priority	Education and Awareness	Project Number		Status	
		05-005		completed	06
<p>This project developed a cross-cultural training package including training workshops, brochures and videos to reduce snake mortality and increase worker safety and productivity. Rattlesnake relocation training to vineyard staff and emergency response processes were provided. \$21,250 was approved for this project which was supported by the BC Fruit Grower's Association, the BC Wine Institute, The Land Conservancy, the Ministry of Water land and Air protection as well as two south Okanagan wineries.</p>					
Poultry Litter and Compost Practices on the Fraser Delta					
Strategic Priority	Education and Awareness	Project Number		Status	
		05-006B		completed	08
<p>This component of the Delta Farmers Institute project was to communicate the results of the investigation of BMPs for use of poultry litter manure and poultry litter/compost. \$10,000 from AEPI funds was allocated to this project.</p>					

Funding provided by:



Thompson Sub-Basin Climate and Soil Moisture Station Network					
Strategic Priority	Education and Awareness	Project Number		Status	
			05-020		completed 09
<p>This project expanded the network of climate and soil moisture data recording stations linked to the Farmwest website. Educational field days/workshops about the network and irrigation practices were held to share the information. The objective of the project was to increase the efficiency of water use in the region. \$5,000 was approved for this project.</p>					
SHaRP Agricultural Stewardship					
Strategic Priority	Education and Awareness	Project Number		Status	
			06-001		completed 07
<p>This project promoted community awareness of salmon habitat through the implementation of stewardship initiatives, participation at fairs and events, distribution of multi-lingual brochures and Ag Stewardship kits. The project also provided information about identification and control of noxious weeds on farms. Promoting "fish friendly" pump intake screen was also part of this project. The project cooperated with agricultural groups to provide wider distribution of information on the Environmental Farm Plan program. \$10,000 was approved for this initiative.</p>					
SIWMC 2006-07 Invasive Plant Education					
Strategic Priority	Education and Awareness	Project Number		Status	
			06-007		completed 08
<p>This project improved weed management through education and awareness. The project provided technical weed management advice and information. The aim was to reduce the spread of noxious and invasive weeds by increasing public awareness of the invasive plant issue. The project coordinated weed control measures between farmers and agencies. \$10,000 was approved for this project.</p>					
Boundary Weed Management II					
Strategic Priority	Education and Awareness	Project Number		Status	
			06-008		completed 08
<p>This project improved weed management through education and awareness. The project provided technical weed management advice and information and increased recognition and control of noxious and invasive weeds through increased public awareness. The project increased participation in cooperative control programs that cross property lines and encouraged development of on-farm weed management plans. \$10,000 has been approved for this initiative.</p>					
Managing Cherry Insect Pests under Changing Insecticide Use Patterns					
Strategic Priority	Education and Awareness	Project Number		Status	
			06-009B		completed 09
<p>This project developed an Integrated Pest Management Program for sweet cherries using alternative pest management tools on primary and secondary insect pest populations and their natural enemies. Pests and pesticide use patterns were monitored on representative cherry orchards. Results were communicated to cherry growers. \$9,000 from AEPI was approved for the Education and Awareness part of this initiative.</p>					

Funding provided by:



Promoting Agricultural Stewardship Excellence through Education and Awareness

– 2006 Action Plan

Strategic Priority	Education and Awareness	Project Number	06-010	Status	completed 07
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This project implemented the Northwest Agriculture Environment Committee's 2006 Action Plan. Educational activities related to riparian, range and water management that promote beneficial management practices took place. An Agriculture Stewardship Award of Excellence was initiated. \$10,000 was approved for this initiative.

Planning for Change: Working Together to Save BC's Grasslands

Strategic Priority	Education and Awareness	Project Number	07-004	Status	completed 07
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This event provided a forum for community planners, policy-makers, private developers, ecological advocates, ranchers and other agriculture industry members and Grasslands Conservation Council of BC members to discuss the creation of sustainable, healthy communities in BC. The symposium increased awareness of agriculture's contribution to conservation and enhancement of grasslands. \$5,000 was approved for this event.

Environmental Awareness and Management in Agricultural Settings

Strategic Priority	Education and Awareness	Project Number	07-009	Status	completed 08
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This project provided cross-cultural training to agricultural workers to improve the compatibility between agriculture and the environment in the South Okanagan. Workshops and info packages were developed and delivered and included information on mitigating bear-agriculture conflicts, snake management and habitat awareness. \$14,000 was approved for this project.

CKIPC Education and Awareness of Invasive Plants

Strategic Priority	Education and Awareness	Project Number	07-010	Status	completed 08
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This project educated residents, land managers and resource users about the impacts of invasive plants. The project taught weed identification through the use of local media, circulation of Weed ID brochures, attendance at fairs, and hosting biological control workshops and tours. \$10,000 was allocated to this project.

European Anaerobic Digester Tour and Bioenergy Conference

Strategic Priority	Education and Awareness	Project Number	07-016	Status	completed 07
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The purpose of this project was to inform 5 BC agricultural producers and industry association members about European anaerobic digestion facilities to enable the dissemination of knowledge to BC producers. \$5,000 from AEPI funds was allocated to this initiative.

NAEC 2007 Action Plan					
Strategic Priority	Education and Awareness	Project Number		Status	
		07-017		completed	09
<p>This project implemented the Northwest Agriculture Environment Committee's 2007 Action plan. Activities included outreach of riparian, range and water management practices; promotion of beneficial management practices; and the initiation of an agriculture stewardship award of excellence. \$4,100 was approved for this project.</p>					
Development of an Environment Strategy for Nurseries					
Strategic Priority	Education and Awareness	Project Number		Status	
		07-019		completed	09
<p>This project developed a retail nursery environmental strategy to provide nursery growers and retail nurseries with opportunities to ensure and increase consumer trust. The strategy aimed to increase the use of environmentally responsible practices by nursery growers, retail nurseries and the public. \$10,000 was approved for this project.</p>					
Agricultural Plastic Recycling Workshop					
Strategic Priority	Education and Awareness	Project Number		Status	
		07-020		completed	08
<p>The AEI Management Committee hosted a one-day workshop for producers, government staff and industry members to learn about agricultural plastic recycling. Presentations from the AEPI pilot projects (06-014 and 07-013), recyclers, and plastic industry reps were moderated by MAL staff. Click here for a workshop summary (http://www.ardcorp.ca/userfiles/AgPlasticWorkshop 15-Jan-08.pdf).\$9,043 was allocated to this initiative.</p>					
Best Management Practices for Wood Waste Disposal					
Strategic Priority	Education, Awareness	Project Number		Status	
		07-022B		completed	08
<p>This project assisted BC agriculturalists with environmental regulation compliance. The current orchard removal program results in excess waste generation. This project separated orchard removal byproducts and determined the best methods for using these byproducts. \$74,000 was approved for this project; \$10,000 from AEPI and the remainder from AESI.</p>					
CKIPC Education and Awareness of Invasive Plants in the Central Kootenays II					
Strategic Priority	Education and Awareness	Project Number		Status	
		08-001		completed	09
<p>This project provided a variety of education and awareness activities about invasive plants in the Central Kootenays. Biological control workshops, display booths, weed tours and presentations to the public were activities of this initiative. \$10,000 was approved for this project.</p>					
Keeping the Invasive Plants at Bay in the Boundary					
Strategic Priority	Education and Awareness	Project Number		Status	
		08-005		completed	09
<p>This project provided technical weed management information to agricultural producers and private landowners. The projects goals were to increase the recognition of noxious weeds and prevent the spread of new species. Along with increased public awareness about the impacts of invasive plants, the project increased participation in cooperative weed management efforts. \$5,000 was committed to this project.</p>					

Funding provided by:

Invasive Knotweed Management Using Goats

Strategic Priority	Education and Awareness	Project Number	08-011	Status	completed 09
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This project evaluated the use of goats for controlling Japanese Knotweed in the Comox Valley. 4H youth worked with the goats to educate the public about invasive plants. \$6,960 was approved for this project. Year 2 of this project is funded by the Agriculture Environment and Wildlife Fund (AEWF) as project 09-030.

Producer Participation at 09 Building Sustainable Communities Conference

Strategic Priority	Education and Awareness	Project Number	08-027	Status	completed 09
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This project took 7 BC agricultural producers to the Building Sustainable Communities Conference in Kelowna.. \$9,000 from AEPI funds was approved for this project. \$8,175 from AEPI funds was approved for this initiative.

Vermont On-Farm Anaerobic Digester Tour

Strategic Priority	Education and Awareness	Project Number	08-019	Status	completed 09
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This project took 9 BC agricultural producers to visit on-farm anaerobic digesters in Vermont, USA. 11 government and industry association members accompanied the producers. This tour was a follow-up to the 2007 European tour and has enabled BC producers to share first-hand experience and knowledge about biogas production and digester options with their fellow producers. \$9,000 was approved for this project.

Education And Awareness Of Invasive Plants In The Cariboo Chilcotin Coast

Strategic Priority	Education and Awareness	Project Number	08-022	Status	completed 09
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This project developed communication tools which will 1) teach people which plant species to watch for; 2) teach how to identify plants; 3) teach how to prevent the spread of invasive plants; and 4) teach how to report infestations. The tools are brochures, media releases (articles and radio), signs, displays, and website development. Trade fairs and field tours were used to teach the target audiences, including mountain bikers, hikers, pow-wow dancers, and loggers. \$10,000 was approved for this project.

RESEARCH

Managing Horse Manure Through Composting

Strategic Priority	Research	Project Number	01-007	Status	completed 03
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The objective of this project was to evaluate the effectiveness of killing parasites with three different composting methods. Determination of the most effective way of killing parasites will allow for safer and more effective disposal of horse stall wastes. The Horse Council of BC was granted \$46,350 to carry out this project in co-operation with Agriculture and Agri-Food Canada.

Duck Dust and Odour

Strategic Priority	Research	Project Number	01-021	Status	completed 03
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This research and demonstration project investigated three systems of scrubbing odour and dust from duck rearing facilities and evaluate them in a pilot scale installation. FarmFed, a processor for duck producers, received \$21,191 to assist in funding work conducted by UBC Department of Bio-Resource Engineering.

Funding provided by:

Source Tracking of *E. coli* and Other Water Quality Parameters

Strategic Priority	Research	Project Number	02-006B	Status	completed 08
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A contribution of up to \$49,000 from AESI and \$1,650 from AEPI was approved for this project, which focused on the identification, movement and survivability of *E. coli* bacteria in streams. The work took place in the North Okanagan. The AEPI funds complemented the original AESI project by providing extension tools to Cattlemen and other stakeholders.

Ultraviolet Treatment of Ditch Irrigation Water for Berries and Vegetables

Strategic Priority	Research	Project Number	03-008	Status	completed 03
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In this project two on-farm trials evaluated the effectiveness of ultraviolet light treatment of ditch water used to irrigate vegetable and berry crops in the Fraser Valley. Partners in the project included the BC Blueberry Council, the Lower Mainland Horticulture Improvement Association, and Water Tec Irrigation. \$18,000 was approved for this project.

Winter Cover Crops for Potatoes

Strategic Priority	Research	Project Number	03-023	Status	completed 09
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This project demonstrated the benefits (nutrient retention, enhanced soil quality, suppression of soil borne pathogens) of winter cover crops for potatoes and other horticultural field crops. An amount of \$41,230 was approved for this project.

Producing Organic Fertilizer from Composted Liquid Hog Manure

Strategic Priority	Research	Project Number	05-001	Status	completed 07
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This project designed and developed a cost effect compost mixer for smaller acreage farms. A covered facility with an engineered aerated concrete channel floor was constructed. A traveling vertical mixing auger blended various types of bulking agents with the resulting organic fertilizer usable as a bulk commodity or packaged for consumer use. \$50,000 was allocated to this project.

Peace River Forage Loss Assessment Due to Wildlife

Strategic Priority	Research	Project Number	06-013	Status	completed 09
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This project quantified damage to hayfields and pastures (plant damage and yield loss), stockpiled forages, swath grazing, bale grazing, stored feed and to fences and infrastructure on selected private landowners' property. Hunt information was collected from private landowners and hunters and Producer experiences and wildlife responses during hunting season and Limited Entry Hunts were documented. Recommendations were made to help relieve and reduce forage producer-wildlife conflicts in the Peace River area. \$14,606 was approved for this project.

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Okanagan Similkameen Starling Control Program					
Strategic Priority	Research	Project Number		Status	
		06-015		completed	10
<p>The objectives of this project were to reduce starling populations significantly to minimize crop damage and the need for audible scare devices and to increase awareness of the negative impacts of starlings on native bird species. Starling trapping and data collection took place over a 6 month period. A strategy was developed for the three major Regional Districts to confirm long term core funding support. Research agencies were invited to undertake related longer term project. \$72,000 from AEPI funds was approved for this project.</p>					
Evaluating Economic Impacts of Waterfowl Damage					
Strategic Priority	Research	Project Number		Status	
		06-016		completed	07
<p>This project summarized data from the Delta and Comox Valley waterfowl damage projects leading to the determination of the full impacts of waterfowl on agricultural lands. Recommendations on how to set up a provincial compensation program for waterfowl damage to perennial forage fields were developed. \$33,000 was allocated to this project.</p>					
Nitrate Contamination Hot Spot Study					
Strategic Priority	Research	Project Number		Status	
		07-003		completed	09
<p>This project built a farm management history of the capture zones of several wells above the Abbotsford Aquifer. The Ministry of Agriculture and Lands assisted the Abbotsford Soil Conservation Association with data analysis and reporting. \$3,000 was approved for this study.</p>					
Nutrients and Energy Recovery from Manure					
Strategic Priority	Research	Project Number		Status	
		07-005		completed	08
<p>This 2-phase project was conducted as follows: Phase I -- adapt technology used for the removal of nutrients from municipal sewage waste water to animal manure; and Phase II -- demonstrate energy recovery by methane generation from the manure processing and digestion system as a farm scale system. \$50,000 from AEPI has been approved for this project.</p>					
Evaluation of the Electrostatic Space Charge System (ESCS) in Poultry Barns					
Strategic Priority	Research	Project Number		Status	
		07-011		completed	09
<p>This project measured total suspended particulates, particulate size distribution, litter and dust microbial load, and bird production performance in barns with and without an electrostatic space charge system (ESCS). Exhaust fan air was sampled for dust emission. Results were evaluated to determine the efficacy of ESC systems. \$35,144 was approved for this project.</p>					



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Effects of Intensive Agriculture on Migratory Birds in Delta BC					
Strategic Priority	Research	Project Number	07-015	Status	completed 08
<p>This project provided a review of research and reports on habitat requirements for overwintering migratory birds using the indicator species American Wigeon. The effects of intensive agriculture (such as greenhouses, dairy farms, berry farms and equestrian centres) and other land uses (such as roads and urban development) were quantified to enable the assessment of individual and cumulative impacts on overwintering waterfowl. \$42,000 was approved for this project.</p>					
Development Of An IPM Program For Apple Clearwing Moth					
Strategic Priority	Research	Project Number	08-010	Status	completed 09
<p>Apple Clearwing Moth is a new pest in BC orchards with few control options. This project evaluated management tools for organic and conventional growers, focusing on timing, rates, application methods and different products, including mating disruption. \$30,000 was approved for this project.</p>					
Eco-Friendly Crop Rotations					
Strategic Priority	Research	Project Number	08-013	Status	completed 09
<p>This project built on the findings of the Fraser Valley Soil Nutrient Survey, providing an opportunity for on-farm extension of Best Management Practices. The project evaluated new disease-resistant, low-input grain varieties as an alternative crop. \$17,000 from was granted to this project. The Investment Agriculture Foundation of BC administered this project.</p>					
StatsCan Baseline Data					
Strategic Priority	Research	Project Number	-bsd	Status	completed 01
<p>The purpose of this project was to establish baseline data on which to evaluate overall effectiveness of combined AEPI and AESI initiatives.</p>					
STEWARDSHIP					
Abbotsford Soil Conservation Association – New Challenges 2001 – 2003					
Strategic Priority	Stewardship	Project Number	01-006	Status	completed 06
<p>The Abbotsford Soil Conservation Association received \$150,000 over 4 years to increase public awareness of the need and benefits of soil conservation, to demonstrate good techniques for erosion reduction, and to develop and extend information related to enhancing soil water quality in the Sumas Prairie area. The City of Abbotsford was a partner in this project.</p>					

Funding provided by:



Nutrient Management and Environmental Stewardship in Raspberry Production					
Strategic Priority	Stewardship	Project Number		Status	
		01-011		completed	06
<p>This project provided feedback to raspberry producers on the effects of their fertilizer and manure management practises on soil nitrate levels. An amount of up to \$111,500 was approved, which will also included a complementary education and awareness component and translation of material into Punjabi.</p>					
Comox Valley Agriculture and Fish Demonstration					
Strategic Priority	Stewardship	Project Number		Status	
		01-014		completed	03
<p>An amount of \$47,358 was granted for demonstration of stewardship practises on Black Creek by the Comox Valley Farmers' Institute. Objectives of the project included determining watercourse classifications related to maintenance of streams in agricultural areas, demonstration of maintenance practises and riparian area enhancement involving agro forestry opportunities. Other partners in the overall initiative of restoration of Black Creek include the BC Ministry of Water, Land and Air Protection, and Fisheries and Oceans Canada.</p>					
Sustainable Poultry Farming					
Strategic Priority	Stewardship	Project Number		Status	
		01-015		completed	06
<p>This project included a number of initiatives to minimize the impacts of poultry manure on the environment in the Fraser Valley, including coordination of a hauling service to other parts of the province, dust control techniques, assessing impacts on soils and reviewing effects of anticipated continued growth of the poultry industry. Responsibility for further allocation of funds is delegated to a project committee. \$266,000 from AEPI funds was conditionally granted to this project.</p>					
Livestock Management & Water Stewardship					
Strategic Priority	Stewardship	Project Number		Status	
		01-017		completed	01
<p>An amount of \$13,925 was provided to the BC Cattlemens' Association to develop proposals for a province-wide initiative aimed at reducing the impacts of livestock operations on rivers and streams.</p>					
Livestock Management & Water Stewardship					
Strategic Priority	Stewardship	Project Number		Status	
		01-017A		completed	06
<p>An amount of up to \$591,500 over 3 years has been approved to deliver a provincial program to assist farmers and ranchers to enhance riparian areas. Eligible activities include activities aimed at reducing the impacts of livestock on watercourses throughout the province.</p>					
Fraser/Nechako on-Farm Riparian and Water Quality					
Strategic Priority	Stewardship	Project Number		Status	
		01-019		completed	04
<p>The objective of this initiative was to assist farmers and ranchers in implementing measures in riparian areas to minimize impacts of agricultural activities on water and streamside habitat quality. An amount of \$49,343 was approved for this project, which is supported, by Farmers' Institutes and Cattlemen's organizations in the Prince George area.</p>					

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Linking Communities: The Agricultural and Watershed Stewardship Project

Strategic Priority	Stewardship	Project Number	01-024	Status	completed 03
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This project developed awareness and educational materials to encourage good stewardship practices. The Langley Environmental Partners Society, with support from the Langley Township Agricultural Advisory Committee, were granted \$40,000.

Sustainable Manure Management Program

Strategic Priority	Stewardship	Project Number	01-030	Status	completed 07
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The objectives of this project were to provide incentives to increasing the size of covered manure storages on farms and ranches, improve producer's nutrient management practices and better utilization of manure as a fertilizer. An amount of up to \$1.1million was approved for the initiative, which offered incentives of 25% up to a maximum of \$20,000. Partners included the BC Poultry Producers (co-applicants).

Poultry Manure and Compost Resource Stewardship on the Fraser River Delta

Strategic Priority	Stewardship	Project Number	01-054	Status	completed 04
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The purpose of this project was to determine appropriate rates of application of poultry manure and compost in spring and fall in the Fraser Delta area. Up to \$131,000 was approved under the Agriculture Environment Stewardship Initiative and a further \$81,000 from Investment Agriculture Foundation of BC over 3 years for this project that also included the Vancouver Foundation, City of Vancouver and the University of British Columbia as funding partners.

Climate Network for Sustainable Agriculture

Strategic Priority	Stewardship	Project Number	02-015	Status	completed 06
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The objective of this initiative was to gather and disseminate timely climatological information for growers to support sustainable agricultural production practices related to water, insect and disease management. An amount of up to \$150,000 was contributed towards expansion and enhanced integration of climate stations in the Okanagan. The project was supported cooperatively by the BC Fruit Growers Association, BC Grape Growers Association, Okanagan Federated Shippers Association, Growers Supply, and the Pacific Field Corn Association, which operates the Farmwest web site where the information is made available.

Managing Snakes in Agricultural Settings

Strategic Priority	Stewardship	Project Number	02-016	Status	completed 03
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The objective of this project was to demonstrate practises that increase worker safety and minimize snake mortality in Okanagan orchards and vineyards. An additional objective was to increase awareness of the difference between harmless snakes and the venomous Western Rattlesnake. An amount of \$14,500 was allocated to support this initiative.

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Agriculture Stewardship Coordinator					
Strategic Priority	Stewardship	Project Number		Status	
		03-011A		completed	04
<p>An amount of \$25,000 was approved to provide services aimed at facilitating improvements to riparian area stewardship by farmers and ranchers in the Smithers and Bulkley Valley area. Partners in the initiative included Fisheries and Oceans Canada, BC Ministry of Agriculture and Lands and the Community Futures Corporation of Nadina.</p>					
Agriculture Stewardship Coordinator					
Strategic Priority	Stewardship	Project Number		Status	
		03-011B		completed	04
<p>An amount of \$29,100 was approved to provide services aimed at facilitating improvements to riparian area stewardship by farmers on Vancouver Island. Partners in the initiative include Fisheries and Oceans Canada, BC Ministry of Agriculture and Lands and the Vancouver Farmer's Alliance.</p>					
Agriculture Stewardship Coordinator					
Strategic Priority	Stewardship	Project Number		Status	
		03-011C		completed	05
<p>An amount of \$23,553 was approved to provide services aimed at facilitating improvements to riparian area stewardship by farmers and rancher in the North and Central Interior areas. Partners in the initiative include Fisheries and Oceans Canada, BC Ministry of Agriculture and Lands and the BC Cattlemen's Association.</p>					
Mitigating Subdivision of Grasslands					
Strategic Priority	Stewardship	Project Number		Status	
		03-018		completed	06
<p>The objective of this project was to analyze the subdivision of lands where grasslands are affected. The project raised the profile of the importance of grasslands, developed recommendations to address the loss of grasslands and influenced positive action. \$50,000 was granted to investigate some of the reasons for the ongoing loss of natural grasslands to subdivision of larger ranching operations, and to make recommendations for alleviating those impacts.</p>					
Agricultural Wood Waste Chipping Pilot					
Strategic Priority	Stewardship	Project Number		Status	
		03-020		completed	05
<p>The objective of this project was to demonstrate the practicality of a portable tub grinder for chipping orchard replacement waste wood. The benefits of chipping were measured on the basis of air quality, soil quality, soil moisture and weed control. The City of Kelowna and the Central Okanagan Regional District contributed \$10,000 cash towards this project. The BCFG, Agriculture and Agri-Food Canada and BCMAFF supported this initiative. \$30,000 was granted for this project.</p>					
Off Road Vehicle Strategy					
Strategic Priority	Stewardship	Project Number		Status	
		04-001		completed	06
<p>The purpose of this project was to develop a strategy for the effective control and management of off road vehicles in the interior grasslands. The objective of the strategy was to reduce or prevent damage to range lands. \$15,000 from AEPI was granted to this project.</p>					

Funding provided by:



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**AGRICULTURE ENVIRONMENT
PARTNERSHIP INITIATIVE
(AEPI)
COMPLETED PROJECTS**

Cariboo Cattlemen's Water Stewardship					
Strategic Priority	Stewardship	Project Number		Status	
			04-005		completed 05
This project assisted with implementation of practices that benefit livestock production, riparian areas and water quality through the development of a cooperative, multi-agency stewardship riparian enhancement initiative. \$17,701 was approved for this project.					
Meeting Environmental Standards for Markets -- Cherries 2004					
Strategic Priority	Stewardship	Project Number		Status	
			04-008		completed 06
An amount of \$43,817 was approved for this project which enabled EUREPGAP® certification for BC cherry growers; certification is required for access to European markets. The certification parameters are consistent with Environmental Farm Planning objectives.					
Surrey Ag Stewardship Initiative					
Strategic Priority	Stewardship	Project Number		Status	
			04-009		completed 04
An amount of \$30,000 was approved to support and enhance the agricultural component of the City of Surrey led Salmon Habitat Restoration Program (SHaRP). The project included on-farm stewardship demonstration projects and education and awareness materials and events. Refer to AESI Project 02-005.					
BC Obsolete Pesticide Collection Program					
Strategic Priority	Stewardship	Project Number		Status	
			05-009		Completed 10
This initiative partnered the BC Agriculture Council's AEI Management Committee with CropLife Canada, the federal and provincial governments, and agricultural industries, to dispose of unwanted pesticides in an environmentally safe manner. Collections were held province-wide; volumes collected and the costs for disposal were documented. \$100,000 from AEPI funds was approved for this project.					
Creston Dyke Restoration -- Goat River					
Strategic Priority	Stewardship	Project Number		Status	
			05-017		Completed 06
This project supported the restoration of a section of dyking in the Creston Dyking District that ensured enhanced habitat for fish as well as improving the quality of the dykes in protecting farmland. An amount of \$19,000 was approved primarily to assist with the construction of special abutments along the dyke that met fisheries requirements.					
BMP Supplemental					
Strategic Priority	Stewardship	Project Number		Status	
			05-888 and 05-999		Completed 09
These projects provided funding for Best Management Practices from the BC Environmental Farm Planning program for specific issues. \$293,680 was approved for this initiative.					

Funding provided by:



Abbotsford/Matsqui Ag Stewardship					
Strategic Priority	Stewardship	Project Number		Status	
		06-003		Completed	09
<p>This project increased public and producer awareness about stewardship in and around streams through fact sheets, newsletter distribution and participation in fairs, field days and workshops. A demonstration project promoted soil and water conservation management practices which minimized water erosion with riparian area plantings and introduced streamside agroforestry concepts. The project encouraged Environmental Farm Planning and subsequent action items related to riparian areas and nutrient management. \$93,500 was approved for this initiative.</p>					
Manure Composting for Small Lot Producers					
Strategic Priority	Stewardship	Project Number		Status	
		06-004		completed	07
<p>This project delivered a large scale program targeted at small lot farmers caring for 10 head of horses or less. The project increased awareness amongst small lot farmers about composting concepts, techniques and environmental considerations. Demonstration of a simple multi-compartment plastic block on-site composting system took place at 2 sites. The project encouraged and promoted the proper use of composted manure as a soil amendment and reduced the need for supplemental fertilizers. \$28,000 was approved for this project.</p>					
SPFG Environmental Projects Initiative					
Strategic Priority	Stewardship	Project Number		Status	
		06-005		Completed	09
<p>This initiative provided education and awareness of environmentally sustainable uses for poultry manure. The project promoted knowledge of the BC Sustainable Poultry Farming Group's role in supplying high value poultry manure. The use of poultry manure on interior farms and ranches was demonstrated and evaluated. The safety of application of poultry manure on field vegetable crops in the Fraser Delta was also evaluated in a collaborative project with the Delta Farmer's Institute and the Ministry of Agriculture and Lands. Options for guaranteeing an adequate supply of poultry manure for a large scale utilization plant were also evaluated. \$187,526 was approved for this initiative.</p>					
Snake Management in Agricultural Settings - Phase III					
Strategic Priority	Stewardship	Project Number		Status	
		06-006		completed	07
<p>This project developed a cross-cultural training package and provided workshops, brochures and videos with the intent of both reducing snake mortality and improving worker safety. Rattlesnake relocation training was provided to selected vineyard staff. The project increased awareness and appropriate worker response to snakes. \$17,750 has been approved for this project.</p>					
IPM Training for BC's Landscape Pest Management Service Providers					
Strategic Priority	Stewardship	Project Number		Status	
		06-019		completed	09
<p>This project developed a voluntary pest management training program for landscape pest management service providers throughout BC. A voluntary Pest Management Accreditation program was piloted with 2010 targeted for full program launch. \$76,500 was allocated to this project.</p>					

Funding provided by:





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**AGRICULTURE ENVIRONMENT
PARTNERSHIP INITIATIVE
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COMPLETED PROJECTS**

Manure Management Education for British Columbia					
Strategic Priority	Stewardship	Project Number		Status	
		06-021		completed	09
<p>This project developed a provincial network of regional advisors to deliver manure management education to small lot farmers. The project taught manure storage, handling, and compost management techniques. Environmental risks and regulations regarding manure disposal were also taught. Pasture management as it relates to human health and the economic benefits of manure management were included in the education package. \$113,400 was approved for this initiative.</p>					
Farmland Riparian Interface Stewardship Program (FRISP)					
Strategic Priority	Stewardship	Project Number		Status	
		07-001		completed	09
<p>This project provided training, technical information, advice, prescriptions project cost estimates and support for riparian enhancement, waste management solutions and/or restoration projects to the agricultural community and various resource stewardship groups. \$87,500 was approved for this initiative.</p>					
Grassland Assessment Manual for BC - A Tool for Ranchers					
Strategic Priority	Stewardship	Project Number		Status	
		07-007		completed	09
<p>This project completed development and production of the “Grassland Assessment Manual for BC – A Tool for Ranchers”. \$15,000 was approved for this project.</p>					
Salmon Habitat Restoration Program (SHaRP) 2007					
Strategic Priority	Stewardship	Project Number		Status	
		07-008		completed	08
<p>This project promoted stewardship on agricultural lands in Surrey, employing local youth for watershed restoration and enhancement. A landowner contact program with the distribution of Agricultural Stewardship brochures was part of the project. Partners included the BC Ministries of Agriculture and Lands and Environment. \$5,000 was allocated to this project.</p>					
Vancouver Island Twine and Ag Plastic Recycling Pilot					
Strategic Priority	Stewardship	Project Number		Status	
		07-013		completed	08
<p>This pilot project examined the feasibility of recycling agricultural plastics on Vancouver Island. Twine, silage cover and greenhouse plastics were the targeted plastics. Volumes, types of plastics, and costs of transporting the plastics were determined by the project. \$50,000 was allocated to this initiative.</p>					
Horse Manure Stewardship					
Strategic Priority	Stewardship	Project Number		Status	
		08-002		completed	09
<p>This project evaluated the horse manure pelleting process to provide horse farms with a recycled bedding product that reduces on-farm waste and provides the farms with an economical and safe alternative to traditional bedding substrates. \$50,000 was granted to this project.</p>					

Funding provided by:



Ozone Cleaning System Demo					
Strategic Priority	Stewardship	Project Number		Status	
		08-004		completed	09
<p>This project introduced a new cleaning system for food processing equipment; this system demonstrated environmental benefits and cost savings through reductions in hot water, degreaser and total water consumption. The system also demonstrated the reduction of effluent. \$12,700 was approved for this project.</p>					
IPM of Wasps in Sweet Cherries					
Strategic Priority	Stewardship	Project Number		Status	
		08-006		completed	09
<p>The objective of this project was to develop an integrated pest management program for wasps in sweet cherries in the Southern Interior of BC. Identification of the wasps and their habitat were keys to this project; monitoring wasp activity, testing of trapping methods and evaluating control protocols were also project goals. \$15,200 was approved for this project.</p>					
Eyes Across BC					
Strategic Priority	Stewardship	Project Number		Status	
		08-020		completed	09
<p>This project built partnerships between the public, organizations and regional weed committees for the reporting and removal of invasive plants. The project coordinated a network of spotters and specialists who work together to prevent the introduction and/or reduce the spread of invasive plants. A "Report-A-Weed" hotline serves as an outreach tool for invasive plant management across the Province. \$60,000 was approved for "Eyes Across BC."</p>					
WILDLIFE					
Peace River Stackyard Fencing Program					
Strategic Priority	Wildlife	Project Number		Status	
		00-001		completed	06
<p>Up to \$249,270 over 5 years was approved including \$200,000 from the Ministry of Agriculture and Lands to assist forage producers in the Peace River region to protect their stored crops from elk and deer. The region is experiencing a growing number of elk that remain on farmland year round. The Peace River Regional District (PRRD) on behalf of a multi-stakeholder Wildlife Committee administers the project.</p>					
Delta Forage Compensation/Mitigation/Monitoring					
Strategic Priority	Wildlife	Project Number		Status	
		01-001		completed	09
<p>This project addressed the ongoing and serious impacts of waterfowl on agricultural crops. The approved support from the AEPI fund was \$41,781 to assist the Delta Farmer's Institute with the monitoring and mitigation components. The objective was to ensure that all reasonable mitigative measures were implemented in order to minimize the need for compensation. The BC Ministry of Agriculture and Lands, the Canadian Wildlife Service and Agriculture and Agri-Food Canada participated in this initiative.</p>					

Funding provided by:

East Kootenay Wild Ungulate Damage Financial Compensation Program Pilot					
Strategic Priority	Wildlife	Project Number	01-002	Status	completed 07
The objective of this project was to reduce the severity of losses caused by elk and deer in the East Kootenay area. \$1,346,764 was approved to assist individual producers develop and implement measures on-farm to prevent or reduce grazing by wild ungulates.					
Deer Fencing for Orchards and Vineyards					
Strategic Priority	Wildlife	Project Number	01-005	Status	completed 06
The purpose of this project was to assist growers with the costs of enclosure fences to protect their trees, vines and crops from deer damage. An amount of \$394,791 over 2 years has been approved for the program and delivered by the BC Fruit Growers Association. The program provides between 25 and 33 percent of the costs of constructing the fence.					
Symbiosis Of Agriculture & Wildlife in the Christian Valley					
Strategic Priority	Wildlife	Project Number	01-012	Status	completed 02
The Christian Valley area in the West Kootenays is an area heavily impacted by increasing elk and deer populations. The Regional District of Kootenay Boundary in conjunction with the Kettle River Stockmen's Association were provided with \$10,000 to develop an agreement on an effective strategy to reduce losses from wildlife to forage and other crops.					
B.C. Wild Predator Loss Control and Compensation Program for Cattle					
Strategic Priority	Wildlife	Project Number	01-029	Status	completed 09
A pilot project to implement a province wide program to compensate livestock producers for losses to wild predators was approved with funding of up to \$2,077,010 from AEPI, the BC Ministry of Agriculture and Lands, and the BC Investment Agriculture Foundation. The project was implemented with a complementary prevention and mitigation initiative with initial approved funding of \$155,000.					
Contact:	Agriculture Environment Initiatives		Brian Baehr	Tel:	250-860-2967
McBride Stack Yard Fence Program					
Strategic Priority	Wildlife	Project Number	01-032	Status	completed 04
An amount of \$11,497 was approved for the McBride Farmers Institute to implement a feed yard fencing program. The project assists producers in the Robson Valley area to protect stack yards of stored feed from elk and deer.					
Creston Valley Wildlife Damage Prevention					
Strategic Priority	Wildlife	Project Number	01-033	Status	completed 05
This project assisted producers to take steps to minimize crop losses to deer and elk in the Creston Valley area. The Creston Valley Agriculture Society received \$59,778 to launch this program.					

Funding provided by:

B.C. Beehive Protection Program					
Strategic Priority	Wildlife	Project Number	01-036	Status	completed 07
The purpose of this program was to assist honey producers around the province to improve protection of hives from damage, particularly from bears. Up to \$40,000 has been approved for the commencement of this program, which was administered by the BC Honey Producers Association.					
Wildlife Damage Assessment and Prevention / Mitigation Strategies for B.C. Nursery Growers					
Strategic Priority	Wildlife	Project Number	01-041	Status	completed 02
The BC Landscape & Nursery Association received \$10,000 to carry out an extensive assessment of the impacts of wildlife on nursery production throughout the province. The results assist in the development of a comprehensive program to effectively address wildlife issues facing growers.					
Wildlife Damage Management Planning for the Peace					
Strategic Priority	Wildlife	Project Number	01-046	Status	completed 03
\$21,300 has been granted for the development of a multi-faceted strategy to deal with all aspects of wildlife agriculture conflicts in the Peace River region.					
Implementation of Christian Valley Wildlife Damage Mitigation					
Strategic Priority	Wildlife	Project Number	02-007	Status	completed 06
This project was aimed at assisting farmers and ranchers in the Christian Valley area wishing to take preventative and mitigative measures to reduce wild ungulate damage to forage crops. The Regional District of Kootenay Boundary worked with local residents to implement the project.					
Integrated Approach to Starling Control Pilot					
Strategic Priority	Wildlife	Project Number	02-009	Status	completed 05
This project evaluated the effectiveness of a cooperative approach to reduction of starling damage to agricultural production in the South Okanagan. The primary practice evaluated was the strategic trapping of the problem birds. The project also determined if the use of scare devices can be reduced. Groups supporting the initiative included the BC Fruit Growers Association, BC Milk Producers Association, BC Grape Growers Association, Okanagan Kootenay Cherry Growers, and the BC Cattle Feeders Association. Regional Districts in the Okanagan were encouraged to support the initiative in future years. \$46,500 was approved for this project.					
Quesnel Feed Yard Fence Program					
Strategic Priority	Wildlife	Project Number	03-002	Status	completed 05
This project offered assistance to forage producers in the Quesnel region to protect their stored crops from elk. This project is similar to the Peace River Stack Yard Fencing project. The Quesnel Cattlemen's Association administers the project. The BCMAFF and WLAP participated and supported this initiative. \$2,740 was approved from AEPI funds.					

Funding provided by:



Assessing Novel Bird Management Techniques in Blueberries					
Strategic Priority	Wildlife	Project Number	03-005	Status	completed 06
This project evaluated a novel approach to preventing bird damage to blueberry crops; \$25,705 was allocated. The purpose was to assist the blueberry industry to find ways of reducing crop depredation without the use of noisy scare devices.					
Crop Protection Fence Program – Southern Vancouver Island and Gulf Islands					
Strategic Priority	Wildlife	Project Number	03-009	Status	completed 07
The objective of this project was to reduce the severity of losses caused by elk and deer in the Southern Vancouver Island area. \$114,746 was approved to assist individual producers develop and implement measures on-farm to prevent or reduce grazing by wild ungulates.					
Crop Protection Fence Program – North Vancouver Island and the Northern Gulf Islands					
Strategic Priority	Wildlife	Project Number	03-015	Status	completed 06
The objective of this project was to reduce the severity of losses caused by elk and deer in the Northern Vancouver Island area. \$320,876 was approved to assist individual producers develop and implement measures on-farm to prevent or reduce grazing by wild ungulates.					
Area-Wide Integrated Bird Management in Blueberries					
Strategic Priority	Wildlife	Project Number	03-024	Status	completed 05
This project developed a GIS database for blueberry farms to assist in conducting an awareness and education program focussing on the growers' responsibility to reduce impacts on neighbours. An amount of \$31,685 was approved for this project.					
Falconry Bird Control for Cherries					
Strategic Priority	Wildlife	Project Number	04-007	Status	completed 04
This project determined the efficacy and economic viability of falconry for reduction of bird damage. An amount of \$20,343 was allocated to this project.					
Skeena Feedyard					
Strategic Priority	Wildlife	Project Number	04-011	Status	completed 06
The purpose of this project was to assist producers in the Skeena area to protect stack yards of stored feed from wildlife. An amount of \$13,394 was approved and will be administered by the Skeena Regional Cattlemen's Association.					

Funding provided by:

Comox Valley Waterfowl Damage Mitigation and Compensation Program					
Strategic Priority	Wildlife	Project Number	04-016	Status	completed 09
This project delivered a compensation program to address impacts of waterfowl (mainly swans and geese) similar to the Delta; the program dovetailed into the Comox Valley Waterfowl Management Project.. \$70,000 was approved for this project.					
Wildlife Program Development					
Strategic Priority	Wildlife	Project Number	04-018	Status	completed 09
Wildlife Program Development assists the AEI Management Committee with decision making for the complex and diverse agriculture and wildlife related issues in BC. \$145,000 was committed to this initiative.					
Starling Control Program					
Strategic Priority	Wildlife	Project Number	05-003	Status	completed 07
Protocols developed in the starling control pilot project were implemented in this project. The strategic trapping of starlings to reduce crop loss and the need for audible bird scare devices and continuous monitoring were components project components. \$25,000 was allocated to this project.					
East Kootenay Private Land Wildlife Stewardship Pilot Project					
Strategic Priority	Wildlife	Project Number	05-010	Status	completed 10
This pilot project developed a program to financially reward landowners for the stewardship benefits provided to wild ungulates on their land. 3 to 5 selected private ranch operations were evaluated to determine the feasibility of the program. \$69,733 from AEPI funds was partnered with \$155,000 from the BC Ministry of Environment for this project.					
Cariboo Cattlemen's Agriculture Wildlife Program					
Strategic Priority	Wildlife	Project Number	05-015	Status	completed 09
This project supported and promoted initiatives that prevent or reduce damage from ungulates in the geographic area served by the Cariboo Cattlemen's Association. Up to \$33,000 was approved for this project.					
Peace River Private Land Wildlife Stewardship Pilot Project					
Strategic Priority	Wildlife	Project Number	05-016	Status	completed 10
This pilot project engaged producers through compensation for the impacts from wildlife on their forage and grain crops. Landowner agreements for each participant farm and assessments of crop losses and ungulate population estimates were carried out. This project promoted improved communication on agriculture wildlife issues and lay groundwork for a self-sustaining program providing economic benefits to producers commensurate with the level of impacts experienced. \$108,000 was approved for this project from AEPI funds.					

Funding provided by:



Integrated Bird Management -- Lower Mainland

Strategic Priority	Wildlife	Project Number	05-008A	Status	completed 08
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This project implemented a 3-year integrated bird damage management program for blueberries. Damage prevention exclusion netting, deterrent methodologies and the development of On-farm Integrated Bird Management Plans were components of this project. \$30,000 was approved for this project.

Peace River Wildlife Damage Mitigation and Assessment Methodology

Strategic Priority	Wildlife	Project Number	06-002	Status	completed 08
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This project developed on-farm methodology for quantitatively assessing losses associated with depredation damage and contamination of wildlife excreta. This project is Phase 1 of a 3-phase proposal; Phase 2 establishes a wildlife depredation compensation program and Phase 3 is for a compensation program for losses. \$15,000 was allocated to this project.

Agriculture Wildlife Conflict Operator Training Module Development

Strategic Priority	Wildlife	Project Number	07-018	Status	completed 09
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The goal of this project was to provide the public with the assurance that professional standards are being followed by wildlife trappers. The project developed Module 1 -- basic training in all common areas of required skills and knowledge and Module 2 + -- species specific. \$10,000 was approved for this project.

East Kootenay Elk Monitoring Program

Strategic Priority	Wildlife	Project Number	08-015	Status	completed 09
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This project assessed the response of elk to liberalized low elevation cow/calf hunts and determined whether the hunts effectively reduced overgrazing and crop damage. \$14,000 from AEPI funds was committed to this initiative.

Area-Wide Integrated Bird Management In Blueberries – Phase 2

Strategic Priority	Wildlife	Project Number	08-016	Status	completed 09
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This project updated the GIS database for blueberry farms that encompasses location, ownership, bird device use and complaint history. The project assessed revisions to the South Coastal Wildlife Management Guidelines (cannon use and impact including evaluation of a mid-day quiet period) and evaluated a motion detection sensor in blueberry fields. \$29,000 was approved for this project.

Pemberton Valley Black-tailed Deer Monitoring

Strategic Priority	Wildlife	Project Number	08-023	Status	completed 09
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The purpose of the project was to monitor movement of the black-tailed deer population living on agricultural land in the Pemberton Valley. Monitoring movement of the resident deer population, combined with an updated inventory of the migratory population, provided data for the implementation of LEH antlerless season for deer in MU 2-11. \$15,000 was approved for this project.

Funding provided by:

