

CAAP Alberta Contracted Projects



Contracted Projects to November 16, 2011

| Recipient | Title | CAAP Alberta Funding |
|--|---|----------------------|
| Active Pharmaceutical Ingredients Lab Inc. (API) | Field Trials to Establish Poppy Cultivation in Western Canada | \$450,000 |
| Alberta Egg Producers | Exploring the health promoting components in laying hen eggs for the development of value-added egg components | \$204,339 |
| PIC Canada Ltd. | Optimizing the impact of superior sires in a competitive pork industry. | \$50,000 |
| Quebec Federation of Pork Producers | Commercial validation of a feeding strategy based on compensatory gain for grower-finisher hogs | \$7,100 |
| Western Canadian Association of Bovine Practitioners | Mentorship Program Customized for Rural Veterinarians | \$140,250 |
| Leduc Nisku Economic Development Authority | Meat Inventory & Sales Tracking System (MISTS) Adaptation to Small to Medium Producers/Processors lead value chains | \$358,915 |
| Saskatoon Berry Council of Canada | Technical Analysis Saskatoon Berry Functional Attributes | \$7,624 |
| North American Bioextracts | Developing high value, high quality fractionation processes for surplus berries | \$7,548 |
| Hart Fibre Trade Company Ltd. | New methods of fibre hemp planting and harvesting | \$45,000 |
| Prairie Swine Centre Inc. | Assessment of occupational exposure risk for swine production facility workers | \$68,790 |
| Prairie Swine Centre Inc. | Use of nanoparticles to control greenhouse gas | \$71,940 |



| | | |
|---|---|-------------|
| | emissions and bioaerosols from livestock operations | |
| Alberta Pulse Growers Commission | Creating Pea Ingredient Supply Capacity to Build Value Added Demand | \$169,425 |
| Alberta Pulse Growers Commission | Evaluating the variation in competitive ability among semi-leafless pea cultivars. | \$172,845 |
| Alberta Pulse Growers Commission | Prevention of abiotic stress-induced seed/pod loss in pulse crops through manipulation of hormonal pathways. | \$1,275,000 |
| Live Local | Regional Food Distribution System for Canadian Producers and Processors - Feasibility for Just in Time Delivery | \$100,000 |
| Alberta Biodiesel Association | Adding Value to Glycerine By-product | \$44,000 |
| Alberta Research and Extension Council of Alberta (ARECA) | Evaluation and Adaptation of Controlled Traffic Farming in Alberta | \$462,000 |
| SinoVeda Canada Inc. | Development and optimization of products in the area of osteoporosis, cardiovascular, and depression. | \$1,286,508 |
| Beef Improvement Opportunities | DNA Analysis for Improved Carcass Merit and Profitable Beef Production | \$117,108 |
| Ontario Swine Development | Development of a solution for boar taint via genetic markers | \$43,800 |
| Quebec Federation of Pork Producers | Pork Production Certification Program Harmonization | \$7,033 |
| Institut quebécois du développement de l'horticulture ornementale | Sorbaria sorbifolia: Twospotted Spider Mite Natural Predator Banker Plant in Nurseries | \$6,495 |
| Prevtec microbial West Canada Inc. | Development of a Live Oral Combination Vaccine for the Prevention of Infections in | \$9,900 |

| | | |
|--|---|-------------|
| | Pigs Caused by F4 and F18 E.coli Strains | |
| Saskatchewan 4-H Council | Creating our Nation's Future: Engaging Youth in Agriculture through the Development of a Revolutionary 4-H Product Line and Delivery Methods | \$217,623 |
| Landscape Alberta Nursery Trades Association (LANTA) | Prairie TRUST (testing of rural and urban shade trees) Project | \$40,960 |
| Agroforestry & Woodlot Extension Society (AWES) | Wood Bioenergy for rural ag-business and communities | \$175,500 |
| Agroforestry & Woodlot Extension Society (AWES) | Outlook for Alberta Private forest industry | \$35,000 |
| Ceapro Inc. | Improvements to existing commercial botanical ingredients and the development of new value-added agricultural products for the global Cosmetic and Personal Care market | \$1,339,625 |
| Salus Ingredients Ltd. | Salus - A Healthy Future | \$67,500 |
| Saskatchewan Association of Rural Municipalities | Richardson Ground Squirrel (RGS) Control | \$44,583 |
| Manitoba Cattle Producers Association | Microbiome Analysis and Novel Microbial Based Diagnostics for Johne's Disease in Cattle | \$86,700 |
| Prevtec Microbia West Canada Inc. | Development of a live oral vaccine for the prevention of infections in pigs caused by E18 E. coli strains. | \$7,000 |
| Canadian Prairie Bison | Pre-Cooked Steak Program | \$8,769 |
| Feedlot Health Management Services Ltd. | Individual and additive value of conventional and non-conventional technologies in commercial beef feedlot production. | \$1,152,810 |

| | | |
|---|--|-----------|
| Alberta Milk | Development of anti-atherogenic milk to improve human health | \$166,787 |
| Prairie Fruit Growers Association | Fractionation and Processing of Small Fruits for Applications in Functional Foods and Nutraceuticals | \$36,836 |
| Beef Information Centre | Maximizing Market Opportunities for Canada Prime Grade Cattle and Beef | \$750,000 |
| Alberta Beef Producers | Pathological Examination of Feedlot Cattle Affected with Central Nervous System (CNS) Diseases | \$35,000 |
| L'Alliance Boviteq Inc. | Modulation of nutrition as a management tool for enhancing the reproductive potential of dairy bulls | \$159,200 |
| Alberta Terrestrial Imaging Centre (ATIC) | Monitoring System for Mapping Non-Cultivated Areas in the Agricultural Landscape of Alberta using Remote Sensing | \$515,000 |
| The Nature Conservancy of Canada | Stewardship Credit Program Pilot Project | \$75,000 |
| Innovotech Inc. | Improving and integrating disease management options for pulse crops in Alberta | \$450,750 |
| Alberta Pulse Growers Commission | Improving field pea production and competitive ability using genotypic mixtures | \$75,000 |
| Saskatchewan Flax Development Commission | Northern Adapted Flax Variety Development Project | \$150,000 |
| Alberta Pulse Growers Commission | Development of crop management practice, using plant growth regulators to | \$87,650 |

| | | |
|-------------------------------------|---|-------------|
| | manage secondary crop growth and accelerate crop maturity of rainfed and irrigated Kabuli chickpeas | |
| Alberta Pulse Growers Commission | Flavour Improvement of Foods Containing Pea Fractions | \$61,575 |
| Alberta Pulse Growers Commission | Incorporation of low tannin faba bean fractions in selected food systems | \$56,795 |
| Alberta Beef Producers | Towards a practical test for Campylobacter fetus in beef cattle; Getting to the bottom of reproductive failure in cow-calf herds | \$32,190 |
| NeoVentures Biotechnology Inc. | Optimization of a bar-code detection system for CWRS wheat varieties | \$37,500 |
| Land Wise Inc. | Enhancing Oil and Gas Reclamation in Native Grasslands of Alberta: Development of a Detailed Curriculum including Selection and Characterization of Field Sites | \$48,075 |
| West Central Forage Association | Triticale Swath Grazing Demonstration Project | \$81,000 |
| Innovotech Inc. | Development and commercialization of novel fungicides and bactericides for horticultural crop disease management: a priority-based approach | \$230,750 |
| Alberta Barley Commission | Multi-Purpose, high-starch, barley selection program. Prime market: Japanese shochu, secondary market: malt, tertiary markets: feed and/or bioproducts. | \$1,080,000 |
| Alberta Food Processors Association | Determining the Feasibility of a Kiosk/Store at the | \$109,669 |

| | | |
|--|--|--------------|
| | Calgary or Edmonton Airport | |
| Alberta Food Processors Association | Food Processors and Hutterite Collaborations: Collaboration Manual & Cross-Cultural Training | \$139,350 |
| Alberta Greenhouse Growers Association | Profile of the Greenhouse Industry in Alberta | \$42,000 |
| Alberta Milk | The Alberta Dairy Hoof Health Project - Phase 2 | \$227,180 |
| BioNeutra Inc. | Commercialization of Isomalto-oligosaccharide (IMO) | \$413,250 |
| Red-Hat Co-operative Ltd. | Internal Fruit Rot of Pepper - Mycotoxin Detection and Impact Assessment of the Disease | \$26,000 |
| SciMed Technologies Inc. | Point-of-Need Immuno-Biochip for Rapid and Simultaneous Detection of Antibiotic Residues in Dairy Milk | \$377,750 |
| Alberta Invasive Plants Council | Screening and testing biological control agents for common tansy | \$150,000 |
| Alberta Egg Producers | Antihypertensive activity of laying hen eggs | \$280,943.14 |
| Dow AgroSciences Canada Inc. | Validation and optimization of carbon isotope discrimination as a rapid screening tool for water use efficiency and yield stability in canola. | \$120,000 |