

2015 APPROVED FUNDING FOR RESEARCH

RESEARCH LEAD	PROJECT TITLE	START YEAR	MPSG FUNDING
ON-FARM NETWORK			
Agri Skills	Soybean special input trial	2015	\$33,600
TAC	Effects of seed treatment on soybean productivity	2015	\$36,750
Agri Skills	Pinto fungicide trial	2015	\$33,600
Agri Skills	Suitability of pinto and navy bean varieties for direct harvest	2015	\$115,000
Agri Skills	Pea–Canola Intercropping	2015	\$46,200
MPSG	Comprehensive soybean seed treatment evaluation	2015	\$13,660
TAC	Effects of lower seeding rates on yields – expanding trials in western Manitoba	2015	\$75,600
U of M – Lawley	Soybean residue management	2014	\$75,900
TAC	Evaluating the effect of foliar fungicides on soybean yield and maturity	2014	\$117,600
TAC	Comparing liquid vs. liquid + granular inoculant on soybean yield	2013	\$97,650
TAC	The effect of lower seeding rates on soybean yields – western Manitoba	2014	\$75,000
SOYBEAN – Agronomy			
MPSG	Soybean hail damage re-growth assessment	2015	\$66,015
MPSG	Late planting of early maturing soybeans	2015	\$25,719
MPSG	Soybean inoculant trial	2015	\$8,960
U of M – Flaten	Phosphorus fertilization beneficial management practices in soybeans in Manitoba	2014	\$64,653
U of M – Entz	Research and technical support for on-farm transition to organic soybean production	2014	\$20,000
U of M – Tenuta	Soybeans for improved soil health	2014	\$322,348
AAFC – Mohr	Effect of soil temperature at different planting dates and residue management on soybean	2014	\$49,600
AAFC – Mohr	Enhancing Manitoba soybean yield and quality under sub-optimal conditions	2014	\$136,074
AAFC – Mohr	Agronomic management of soybean in Manitoba	2013	\$163,900
U of M – Lawley	Soybean crop rotations benefits for Manitoba farmers	2012	\$268,440
U of M – Gulden	Volunteer canola in soybean production	2013	\$60,000
AAFC – Larney	Comparison of dry bean and soybean for agronomic traits, inputs, diseases and nitrogen-fixing benefits to following crops, water use and harvest losses	2013	\$15,000
SOYBEAN – Pathology and Variety Improvement			
AAFC – Hou	Evaluation of soybean breeding lines for iron deficiency chlorosis (IDC) resistance in greenhouse	2015	\$52,000
AAFC – Hou	Soybean protein content variation among genotypes grown in Manitoba and Ottawa	2015	\$144,000
AAFC – Morrison	Variation in soybean seed quality parameters: The Manitoba Advantage	2015	\$62,400
	To be announced	2015	\$202,262
U of M – Daayf	Alternatives to reduce root rots in soybean and other pulses	2014	\$105,000
AAFC – Cober	Short-season soybean improvement and very short-season herbicide tolerant soybean development	2013	\$96,000
AAFC – McLaren	Prevalence, incidence and virulence of Phytophthora root rot of soybean in Manitoba soybean fields	2013	\$300,000
AAFC – McLaren	Identification of the pathogens associated with root rot of soybean	2012	\$24,000
AAFC – Hou, Cober	Evaluation of soybean breeding lines for iron deficiency resistance	2012	\$24,000
DRY BEAN – Agronomy			
U of M – Gulden	Optimizing plant spatial arrangement and weed management for field bean production	2015	\$236,325
MPSG	Manitoba Crop Variety Evaluation Trials for dry beans	2015	\$25,000
U of M – Tenuta	Identification and significance of plant parasitic nematodes of pulse crops and soybean	2013	\$182,500
U of M – Ayele	Mitigating the deleterious effects of above normal soil moisture on the productivity of pulse crops through seed treatment	2014	\$80,000
AAFC – Marsolais	Developing herbicide tolerance in dry beans	2013	\$50,000
U of G – Gillard	Dry bean agronomy and pest management studies	2013	\$50,000

continued ►

RESEARCH LEAD	PROJECT TITLE	START YEAR	MPSG FUNDING
DRY BEAN – Pathology and Variety Improvement			
AAFC– Hou	Development of dry bean cultivars/germplasm with high yield, disease resistance and marketable seed quality for production in Manitoba	2013	\$271,000
AAFC – Hou	Investigation of feasibility of improving dry bean protein sulphur-containing amino acids and effects on agronomic traits	2013	\$54,000
AAFC – Conner	Identify advanced dry bean breeding lines or coop entries with resistance to common bacterial blight, anthracnose and white mould. Develop new methods for controlling halo blight in dry beans.	2013	\$75,000
CGC – Wang	Evaluation of nutritional, physio-chemical and cooking quality traits in Manitoba-grown dry beans for breeding use	2014	\$36,000
AAFC – Conner	Evaluation of root rot resistance in dry bean cultivars	2013	\$60,000
AAFC – Yu	Development of molecular markers linked to disease resistance of edible beans to common bacterial blight and anthracnose	2012	\$30,000
AAFC – McLaren	Root rot pathogens of dry bean; identification, distribution and risk assessment in Manitoba	2013	\$45,000
FIELD PEA			
MPSG	Evaluation of seeding rate and fungicide use in field pea	2015	\$5,725
SPG – CDC	Variety development of field peas and faba beans	2015	\$21,800
AAFC – Conner	Evaluation of root rot resistance in field pea cultivars	2013	\$40,000
AAFC – McLaren	Root rot pathogens of field pea; identification, distribution and risk assessment in Manitoba	2013	\$45,000
SOY AND PULSE – Nutrition, Utilization and Value-added			
RRC– McRae	Consumer taste testing of recipes containing pulses	2015	\$10,670
MSVU – Luhovy	The effect of whole cooked beans and peas on satiation, satiety and food intake in children	2015	\$15,800
U of M – Aluko	Extraction and functional characterization of cholesterol-binding indigestible proteins from Manitoba-grown pulses	2015	\$91,300
CCARM – Zahdraka	Effect of black and navy beans on blood vessel function and modelling	2015	\$10,000
FDC – Meseyton	Pulse coated cheese variety study	2015	\$24,000
FDC – Nivet	Development of a pulse-based protein drink mix for the vegan athlete	2015	\$20,000
FDC – Appah	Developing pulse-based shelf stable shili using retort processing	2015	\$16,000
CCARM – Zahradka	Characterization of bioactive compound absorption and excretion, and relationship to improvements in cardiovascular function	2014	\$40,000
U of W – Holloway	Joining the green revolution: value-added fermentations of peas and beans	2014	\$32,860
U of M – Carlberg	Can increasing whole and fractioned yellow pea flour consumption in Canada reduce healthcare expenditures?	2014	\$30,000
DELIVERY OF PROGRAMS			\$100,000
2015 NEW FUNDING APPROVED + Delivery of Programs			\$1,492,386
2015 NEW AND ONGOING FUNDING			\$4,528,911
2014 Reserve Carried Forward		\$685,902.53	
2015 Research Allocation		\$1,100,000.00	
Total 2015 Funding Available		\$1,785,902.53	
2015 Research Investment Approved		\$1,492,386.00	
2015 Reserve To Be Carried forward		\$293,516.53	

AAFC – Agriculture and Agri-Food Canada

CGC – Canadian Grain Commission

CCARM – Canadian Centre for Agri-Food Research in Health and Medicine

FDC – Food Development Centre

MPSG – Manitoba Pulse & Soybean Growers

MSTVU – Mount Saint Vincent University

TAC – Tone Ag Consulting

U of G – University of Guelph

U of M – University of Manitoba

U of W – University of Winnipeg