

**USADPLC Funded Research Projects  
FY 2018-19  
Start 1 July 2018**

<b>Title</b>	<b>PI</b>	<b>Institution</b>
<i>Statewide Pea, Lentil, and Chickpea Variety Evaluation in Montana</i>	Dr. Chengci Chen	MSU
<i>Pulse Crop Breeding</i>	Dr. Kevin McPhee	MSU
<i>Development of a non-destructive high-throughput DNA extraction methodology for pulse seed borne disease diagnostic and breeding applications</i>	Dr. Frankie Crutcher	MSU
<i>Strategic dietary incorporation of lentils to improve metabolic health in individuals at risk for disease</i>	Dr. Mary Miles	MSU
<i>Developing Fall- and Spring-Applied Herbicide Programs for Weed Control in Winter Pulse Crops</i>	Dr. Prashant Jha	MSU
<i>Weed Control Research in Dry Pea and Lentil</i>	Ed Davis, MS	MSU
<i>Western Regional Cool Season Food Legume Evaluation Trials</i>	Peggy Lamb, MS	MSU
<i>Pea, Lentil and Chickpea Extension Variety Trials in Northern Idaho</i>	Dr. Kurtis Schroeder	U of I
<i>Weed Management in Pulses PNW</i>	Dr. Joan Campbell	U of I
<i>Harvesting the Pea Genome, GAB II: Year 4 of 4</i>	Dr. Clare Coyne	WSU/USDA
<i>Spring Lentil (Lens culinaris Medik.) Cultivar Development</i>	Dr. Rebecca McGee	WSU/USDA
<i>Spring Pea (Pisum sativum L) Cultivar Development</i>	Dr. Rebecca McGee	WSU/USDA
<i>Breeding and Development of Autumn-sown Grain Legumes</i>	Dr. Rebecca McGee	WSU/USDA
<i>Western Regional Cool Season Food Legume Evaluation Trials</i>	Dr. George Vandemark	WSU/USDA
<i>Developing Improved Varieties and Germplasms of Chickpea (Cicer arietinum L.)</i>	Dr. George Vandemark	WSU/USDA
<i>Detecting markers associated with agronomic and nutritional quality traits in chickpea</i>	Dr. George Vandemark	WSU/USDA
<i>Developing management options and understanding mechanisms of metalaxyl resistant Pythium for Pulse Crop Production</i>	Dr. Weidong Chen	WSU/USDA
<i>Variety Trials and Extension Education with Spring and Winter Peas, Lentils, and Chickpeas in Eastern Washington</i>	Dr. Stephen Van Vleet	WSU
<i>Weed Management in Pulses PNW</i>	Dr. Ian Burke	WSU
<i>Western Regional Cool Season Food Legume Evaluation Trials</i>	Dr. Thomas Stefaniak	NDSU
<i>Assessing Interactions Among Fusarium Root Rot Pathogens of Pea</i>	Dr. Julie Pasche	NDSU
<i>Pulse Quality Support and Pulse Milling Research</i>	Dr. Clifford Hall	NDSU
<i>Nutrient Analysis of Milled Pulses</i>	Dr. Clifford Hall	NDSU
<i>Evaluating the nutritional and processing qualities of dry pulses (peas, lentils and garbanzo beans) and finding specific applications based on the processing qualities.</i>	Dr. Girish Ganjyal	WSU