

FERTILIZER ASSESSMENT FUND - 2017 PROPOSALS FOR FY 2018 FUNDS

Funded
Projects

PI	TITLE	FY 18
Bekkerman	A fertilizer price prediction tool for the northern great plains	15,700
Budak, Zitkovich, Alptekin, Biyiklioglu, Ewing, Jones, Chen, Bruckner, Lalbert, Giroux	MicroCereal Micronutrient deficiencies and toxicities in wheat in Montana (3 year study)	39,500
Carr, McVay, Sherman	Relationship between fertility management and malt quality in low protein barley	30,000
Chen, Afshar	Optimization of nitrogen fertilizer in sugarbeet under no-till management- (yr 2)	30,552
Engel, Jones, Carr, Lane	Understanding acidification and management of Montana soils (yr 2 of 3)	45,000
Ewing, Miller	Soil carbon accrual in progressive Montana crop rotations - baseline soil carbon analysis	13,900
Ewing, Brookshire, Klassen, Dobeck, Jones, Payn, et al	Research Analytical Chemist, Environmental Analytical Laboratory	30,000
Ewing, Brookshire, Budak, Payn, Klassen, Engel, McDermott	Purchase of an inductively coupled Plasma optical emission spectrometer for analysis of cereal micronutrients, environmental waters, and soil chemistry	40,000
Jones, Ewing, Miller, Sigler	Fallow replacement and nitrogen rate effects on nitrate leaching, yield, and quality (yr 2)	7,300
Maxwell, Silverman, Broyles, Merja, Van Dyke, Wood	On-farm experiments to optimizing site-specific application of nitrogen fertilizer rates to maximize producer profits (wants 3 yr study)	53,156
McVay, Khan	Foliar applications to correct micro-nutrient deficiencies in winter wheat	13,050
Miller, Jones, Zabinski, Bourgault, Vandermolen, Oehlke, Camp	Advancing cover crop knowledge in Montana: Soil fertility implications	32,927
Miller, Jones, Bekkerman, Ewing, Chad & Eric Doheny, Chris Larson	Long-term N management in alternative crop rotations (multi-year project)	30,448
Mohammed, Chen	Enhancing yield and nutritional quality of dry pea through micro-nutrient fertilization	18,519
Torrion, Stougaard, Talbert	Nitrogen fertilizer recommendations for contrasting protein requirements (yr 2)	36,352
	Total	436,404