

FERTILIZER ASSESSMENT FUND - 2016 PROPOSALS FOR FY 2017 FUNDS

Funded Projects

PI	TITLE	FY17
Burgess	Phosphorus and Potassium induced micronutrient deficiency in vegetables grown in manure-amended soils: How much is too much?	19,869
Chen, Afshar	Optimization of nitrogen fertilizer in sugarbeet under no-till management	28,243
Engel, Carr, Jones, Lane	Understanding acidification and management of Montana soils	12,980
Engel, Miller, Jones	Fertilizer Management Strategies for Enhanced N Recovery and Reducing N Losses in No-till Wheat	56,275
Ewing, Brookshire, Klassen, Jones, Payn	Research Analytical Chemist, Environmental Analytical Laboratory	30,000
Ewing, Miller, Engel	Long-term N management effects on soil organic C and N in traditional and diversified cropping systems	18,000
Jones, Ewing, Miller, Sigler	Fallow replacement and nitrogen rate effects on nitrate leaching, yield, and quality	61,375
Lamb, Boss	Nitrogen sources for short season dryland grain corn production in a low rainfall environment (final year)	9,402
McVay, Khan	Foliar applications to correct micro-nutrient deficiencies in winter wheat (est. 2 yr project)	14700
Miller, Jones, Bekkerman, Doheny, Larson	Long-term N management in alternative crop rotations (multi-year 7 yrs; 2011-17)	36,900
Miller, Jones, Zabinski, Doheny, Gettel	Advancing cover crop knowledge in Montana: Soil Fertility Implications	30,240
Mohammed, Chen	Enhancing Yield and Nutritional Quality of Dry Pea through Micro-nutrient Fertilization	17,864
Sands, Jones, Turner, Dratz, Newcomb, Wichman	The Seed Sentinel: Indicator Plants to Diagnose On-Farm Soil Bioavailable Mineral Deficiencies and Optimize Fertilizer Use	34,900
Torrion, Glunk, Stougaard	Optimizing Boron maintenance fertilization for alfalfa (yr. 2)	39,641
Torrion, Stougaard, Talbert	Nitrogen Fertilizer Recommendations for Contrasting Protein Requirements (2 yr project)	31,489 (partial funding)
Wichman, Crawford, Hatelid, Malisani	1.600 by 2016. Second and third year evaluation of alfalfa response to spring broadcast fertilizer in central Montana's Cascade, Fergus and Judith Basin Counties.	8,180
<b>Total</b>		418,569

Funds moved to Pat Carr at Moccasin per Tracy's email dated 7/1/16