

FERTILIZER ASSESSMENT FUND - 2015 PROPOSALS FOR FY 2016 FUNDS

Funded Projects

PI	TITLE	FY16
Chen, Engel	Investigating crop nitrogen uptake as affected by cropping systems and management strategies-Year II.	30,480
Dest, Lamb, Gray, Hauptman	Maximizing Yield and Quality of Dry Pea with In-Season Foliar P Fertilizer	19,035
Dest	Potassium management for improved dairyland spring wheat grain yield and quality	24,252
Dest, Torrion, Lamb, Bruckner	Roots Characteristics, Nutrient and Water Use of Winter Wheat as Affected by Moisture, Nutrient Management and Cultivars	78,944
Dest, Torrion	Evaluation of urea-potassium chloride blend and residue management in spring wheat	29,712
Engel, Miller, Jones, Chen Wichman	Fertilizer Management Strategies for Enhanced N Recovery and Reducing N Losses in No-till Wheat	57,375
Ewing, Brookshire, Klassen, Jones, Payn	Research Analytical Chemist, Environmental Analytical Laboratory	30,000
Jones, Ewing, Miller, Sigler	Fallow replacement and nitrogen rate effects on nitrate leaching, yield, and quality	55,878
Lamb, Boss	Nitrogen sources for short season dryland grain corn production in a low rainfall environment	8,798
Miller, Jones, Bekkerman	Long-term N management in alternative crop rotations	36,050
Miller, Jones, Zabinski	Do cover crop mixtures grown during the summer fallow period improve soil quality compared with a sole pea cover crop or no cover crop?	18,725
Sands, Wichman	The seed sentinel: Indicator plants to diagnose on-farm soil bioavailable mineral deficiencies and optimize fertilizer use.	41,300
Torrion, Glunk, Stougaard	Optimizing Boron maintenance fertilization for alfalfa	42,017
Torrion, Stougaard	Understanding the nitrogen use efficiency / water use efficiency tradeoff in spring wheat	25,356
Wichman, Crawford, Hatelid	Evaluation and demonstration of dryland alfalfa and alfalfa grass yield response to spring application of granular and liquid fertilizer in Fergus and Judit Basin counties.	8,214
TOTAL		506,136