

FERTILIZER ASSESSMENT FUND - 2013 PROPOSALS FOR FY 2014 FUNDS

P.I.	TITLE	FUNDED PROJECTS
Brester, Smith	The future of Fertilizer Prices in Montana: Implications for Fertilizer use and farm profitability	23888
Chen, Jones, Engel	Tillage and Crop Rotation Effect on Nitrogen Use Efficiency and Crop Yield	38280
Eckhoff	Nitrogen management of Roundup Ready sugar beets	5000
Engel, Jones	Urea surface- application timing effects on NH3 volatilization, N recovery, and yield response of dryland wheat	56534
Engel, Jones, Miller	A small-plot seeder and fertilizer applicator to improve the research capabilities of LRES scientists conducting soil fertility research in Montana	65000
Ewing, Jones, Brookshire	Research Analyst, Environmental Analytical Laboratory	15000
Jones, Miller, Rick	Determining the long-term effects of diversified no-till cropping systems on nitrogen fertilizer recovery	2430
Kephart	Comparison of Urea to ESN as nitrogen source for irrigated corn production in Montana	5400
Lamb, Boss	Effects of alternative nitrogen sources applied in variable blends and timings on yield and quality of short seasoned dryland corn grown for grain production in a low rainfall environment	10558
Maxwell, Bekkerman, Barroso, Lawrence, Merja	Optimal site-specific fertilization and harvesting strategies for maximizing producers' net returns	25100
Miller, Jones, Bekkerman...et al	Long-term N management in alternative crop rotations (continuation)	45750
Walsh, Knox, Patton	Comparison of Foliar Applied Nitrogen Fertilizers in Spring Wheat (continuation)	32238
Walsh, Knox, Martin	Evaluation of Sensor-Based Technologies and Nitrogen Sources for Improved Recommendations for Dryland and Irrigated Spring Wheat Production in Montana (continuation)	30823
Walsh, Patton, Wheeler	Effect of Nitrogen Sources, Rates, and Application Time on Spring Wheat Yield and Grain Protein (continuation)	23268
Walsh, Knox, Patton	A comparison of Nitrogen sources for spring wheat production	28438
Weaver	Influence of nitrogen on wheat stem sawfly parasitoid numbers in hollow and solid stem spring wheat	24160
Wichman	Winter wheat, in a continuous crop system, yield and protein response to time of winter application of urea and ESN nitrogen fertilizer	4000
TOTAL		\$435,867