

Kansas Grain Sorghum Commission

March 2011 Projects Funded

| Research Project Title | PI | Total \$ |
|---|--------------------|----------------------|
| Evaluating Advanced Breeding Lines & New Sources for Cold Tolerance in Sorghum | Aiken | \$ 12,215.00 |
| Novel Sorghum Based Food Products for Infant, Young Children and Adult Nutrition | Alavi | \$ 37,140.00 |
| Screening Exotic Sorghum Germplasm to Identify New Sources of Stalk Rot Resistance | Little | \$ 16,390.00 |
| Increasing Sorghum Yield and Profitability through Efficient Nitrogen Use | Mengel | \$ 15,517.00 |
| Sorghum Flour Processing and Development of Sorghum-based Gluten-Free Baked Products | Miller | \$ 25,000.00 |
| Harvest and Residue Management of Sorghum to Facilitate Double-Cropped Wheat | Nelson | \$ 9,123.00 |
| Development of Sorghum Germplasm with Enhanced Drought Tolerance & Higher Grain Yield | Perumal | \$ 50,000.00 |
| Screening Sorghum Genotypes for Abiotic Stress Tolerance and Biofuel Production | Prasad | \$ 52,000.00 |
| Interaction of Grain Sorghum Planting Date, Hybrid Maturity, Row Spacing, and Seeding Rate in KS Environments | Roozeboom | \$ 11,783.00 |
| Developing Sorghum Flours with Increased Resistant Starch Content for Health Benefits | Shi | \$ 27,167.00 |
| Managing Glyphosate-Resistant Kochia Preplant & Postplanting in No-till Grain Sorghum | Stahlman | \$ 10,726.00 |
| Breeding Sorghum for Improved Production and Utilization | Tesso | \$ 81,200.00 |
| Understanding Needs for Grain Sorghum in Human Food Products from Consumers' Perspectives | Vazquez-Araujo | \$ 32,728.00 |
| Development & Utilization of Sorghum as Feedstock for Biofuel Production | Wang | \$ 25,000.00 |
| Genetic Analysis of Drought Tolerance in Grain Sorghum | Yu | \$ 60,000.00 |
| Effect of starch content on functional quality of sorghum | Wilson, Bean | \$ 12,364.00 |
| Great Plain Center for Sorghum Improvement and Utilization | Prasad/Staggenborg | \$ 50,000.00 |
| | | \$ 528,353.00 |
| Market Promotion | | |
| US Grain Council | | \$ 6,000.00 |
| Market Development Grant - International Grains Program | Maier | \$ 20,000.00 |
| KARL Program | | \$ 2,500.00 |
| Kansas FFA Foundation | | \$ 500.00 |
| Kansas Grain and Feed Association | | \$ 900.00 |
| | | \$ 29,900.00 |
| Education | | |
| Kansas Foundation for Ag in the Classroom | Musick | \$ 10,000.00 |
| | | \$ 10,000.00 |

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| TOTAL | \$ 568,253.00 |
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