

**KGSC Proposals for
Oct 1, 2015 to Sept 30, 2016**

Market Promotion		
Title	PI	Research
Best Management Practices for Top-Yields in Sorghum	Ciampitti, Diaz, Adee, Cramer	\$ 16,704
Sorghum Yield and Profitability Response to Water Supply and Irrigation Management	Cramer, Kisekka, Golden	\$ 75,000
Physiological and Genetic Characterization of Grain Sorghum for Enhancing Terminal Heat and Drought Stress Resilience	Jagadish, Prasad, Perumal, Morris, Tesso	\$ 55,000
Efficacy of Atrazine, Huskie, and Diacamba on Palmer Amaranth under Temperature Stress	Jugulam, Thompson	\$ 19,000
Evaluation of Sorghum Germplasm for Herbicide Tolerance	Jugulam, Prasad, Thompson	\$ 30,000
Germplasm Screening Host-Plant Interactions and Inoculation Techniques for Sorghum Stalk Rot Diseases in Kansas	Little, Perumal, Tesso	\$ 42,639
Improved Genomic Mapping and Marker-Assisted Selection for Cold Tolerance in Grain Sorghum	Morris, Perumal, Tesso, Prasad	\$ 79,000
Evaluating Nitrogen and Iron Use Efficiency in Advanced Sorghum Lines	Obour, Schlegel, Diaz, Perumal	\$ 32,420
Development of sorghum parental (A/B and R) lines with enhanced drought and cold tolerance	Perumal, Aiken, Little	\$ 99,000
Breeding Sorghum for Improved Production and Utilization	Tesso, Jagadish, Roozeboom, Little	\$ 97,700
Sorghum Response to Post emergence Applied Huskie Following Preemergence Applied Lexar EZ, Lumax EZ, or Zemax	Thompson, Schlegel, Peterson	\$ 19,000
Development of a long term USDA-ARS Sorghum Breeding Presence in Kansas	Hayes	\$ 25,000
Sorghum Doubled Haploid Technology for Kansas Farmers	Heartland Plants Innovations	\$ 25,000
SDH Technology: Analysis and Enhancement of Haploid Inducing Sorghum Lines	Heartland Plants Innovations	\$ 25,000
Center for Sorghum Improvement	KSU	\$ 65,000
TOTALS		\$ 705,463
Market Promotion		
US Grain Council		\$ 20,000
Market Development Grant - IGP	Smith, Fowler, Oneil, Campabadal, Maier	\$ 30,000
Kansas FFA		\$ 3,500
TOTALS		\$ 53,500
Education		
Sorghum Production Schools for Kansas	Ciampitti, Thompson, Diaz	\$ 12,541
KS Foundation for Ag in the Classroom		\$ 2,500
TOTALS		\$ 15,041