

**MAFMA FUNDED PROPOSALS  
TWELFTH COMPETITION - 2005**

	UNIVERSITY	TITLE	PRINCIPAL INVESTIGATOR	MAFMA \$ AWARDED	TOTAL MATCHING FUNDS RECEIVED
1	Illinois	Factors Affecting Astringency/Bitterness in Soy Flakes and Soy Protein Isolates	Soo-Yeun Lee	\$48,627	\$81,094
2	Iowa State	Functionality of Egg Yolk Lecithin and Protein and Functionality Enhancement of Protein by Hydrothermal Cooking	Tong Wang	\$22,638	\$22,638
3	Kansas State	Rapid Analysis to Facilitate Development and Marketing of Wheat with High Antioxidant Activity	Ron Madl	\$50,000	\$60,700
4	Minnesota	Development of a Novel Method to Detect Enterohemorrhagic <i>Escherichia coli</i> in Ground Beef	Francisco Diez-Gonzalez	\$11,000	\$11,000
5	Minnesota	Development of a Mathematical Model to Predict the Distribution of Calcium in Cheese	Lloyd Metzger	\$43,745	\$50,000
6	Nebraska	Determination of the Minimal Eliciting dose for Soy in Soy-Allergic Individuals	Sue Hefle	\$45,000	\$45,000
7	Nebraska	Development of Easy to Use Intuitive Predictive Models for Control of <i>Listeria monocytogenes</i> in Ready-to-Eat Meat Products by Buffered Sodium Citrate and Sodium Diacetate	Harshavardhan Thippareddi	\$50,000	\$50,000
8	Ohio State	Evenness of Electrostatic Coating	Sheryl Barringer	\$14,745	\$30,000
9	Ohio State	Improving Quality and Extending Shelf Life of Fresh Meat Cuts	Lynn Knipe	\$14,745	\$30,000
10	Purdue	Exploring Molecular Structural and Rheological Differences in Fiber Sources to Produce High-fiber Extruded Cereal Products	Bruce Hamaker	\$37,500	\$37,500
10	Totals			\$338,000	\$417,932