



## Agriscience Finalists

Student Name	Chapter	Research Title	Division
<b>Animal Systems</b>			
Charlee Modellmog	Canton-Galva	Analyzing Food Response in Canines	1
Karlyn Ryan	Moundridge	Horses Preference on Color	1
Zoe Winsor	Moundridge	The Effects of Different Conditions on a Horse's Heart Rate Patterns	1
Anna Galle & Payton Wilson	Moundridge	How Music Affects the Heart Rate and Behavior of Livestock Animals	2
Dallas Jones	Canton-Galva	Feeding Time and its Impact on Calving Time with Mature Cows	3
Faith McMannis	Canton-Galva	Analyzing the Heart Rate Between Humans and Horses	3
Kayleigh Goggins	Junction City	Assessing Body Condition of Post-Partum Cows to Determine Nutritional Needs for Body Maintenance	3
Leah Howard & Nell Goss	Ellsworth	How does Medicated vs. Non-Medicated Chick Feed affect Growth Rates?	4
John Svaty & Molly Ehrlich	Ellsworth	Does the addition of electrolytes affect the growth rate of chicks?	4
Hunter Doolittle & Mason Ferguson	Marmaton Valley	Influence of Protein Variation on Chick Development	4
Gannon Evans	Canton-Galva	Analyzing Egg production using Different Feeds with the Leghorn Chickens	5
Ethan Harrington	Canton-Galva	Comparison of Insect Derived Chapstick to Unnatural Products	5
Kennedy Moreland	Junction City	Determining When Pecking Order is Established in Young Chickens	5
Ally Otte & Eliana Weber	Beloit	The Effects of Different Chick Feed on Growth in the First Month	6
Camden Kruse & Cade Schmidt	Canton-Galva	Bait Debate: Which Catches More Fish—Live or Artificial?	6
Maggie Bohl & Mallory Dobrinski	Ellsworth	Profitability of Incorporating Technology in Feedlots	6

<b>Environmental Services and Natural Resource Systems</b>			
Quintin Shaw & Tanner Riley	Canton-Galva	A Comparative Study of Firewood Efficiency in Kansas Hardwood Species	2
Cane Krase	Canton-Galva	Fowl Water; Analyzing the Quality Grade of Chicken Coop Water	3
Brittney Dibben	Junction City	Determining Soil Organic Matter Content of Tilled Vs. No Till Crop Fields	3
Collin Goracke & Grayden Mariscal	Ashland	what shop soap is best for removing oil	4
Jase Beltz	Canton-Galva	An Evaluation of the Role of Soil Type in Water Filtration: A Comparative Study of Sand, Silt, and Clay	5
Kourtney Dibben	Junction City	Cold Germination Test in Corn	5
Ruby Gomel-Osthoff	Smith Center	Stacking the Brix to Restoring Soil Health	5
Jaxon Nightingale & Wyatt Henry	Canton-Galva	The Effects of Crude Oil pH on Engine Performance	6
<b>Food Products and Processing Systems</b>			
Annah Schrag	Moundridge	How Different Flour Affects the Properties of Bread	1
Anjelica Elliot & Rylee Lacy	Canton-Galva	Evaluating Consumer Taste Preference Between a Healthier and Traditional Pie Option	2
Cooper Johnson & Keaton Krehbiel	Canton-Galva	The Impact of Defrosting Methods on the Cooked Quality of Protein	2
Wesley Prieb & Hayden Hett	Canton-Galva	Evaluating Taste Preferences in Local Fish Species	2
Elianna Galindo	Ashland	Why does bread mold?	3
Brynn Kruse	Canton-Galva	Analyzing the Difference in Sugar Content Comparative to their Nutritional Labels and Expiration	3
Honesty Williams & Cohner Janssen	Canton-Galva	A Comparative Analysis of Mold Growth and Sugar Content in Organic vs. Inorganic Fruits	4
Grady Oentrich	Junction City	Determining the best storage methods for chicken eggs	5
Ellie Samms & Haley Brogan	Winfield	Cookie Preferences Based on Ingredient Prices	6
<b>Plant Systems</b>			
Heath Ratzlaff & Kyler Sawatsky	Canton-Galva	WATER QUALITY EFFECTS ON LEAF LETTUCE	2
Brinley Orth	Canton-Galva	Analyzing Shape and Angle of Cuts to Preserve Cut Flowers	3
Karli Haase	Ellsworth	Does crowding affect the growth of airplane plants?	3
Kade Hartman	Lakin	Organic Fertilizers	3
Jaycob Dieker & Gabe Schmeidler	Canton-Galva	Plant Growth With Differing Types of Artificial Light	4
Keira Gliniecki	Junction City	DO FLOWERS LAST LONGER WITH BASIC, ACIDIC, OR NUTRAL LIQUIDS?	5

Audra Oborny	La Crosse	Effect of Planting Methods on Days to Germinate in Cucumbers	5
Cassidy Lawrence & Autumn Ross-Underwood	Winfield	Does Organic Material Increase Plant Yield?	6
<b>Power, Structural and Technical Systems</b>			
Tia Williams	Moundridge	Testing the Strongest Ratio of Concrete Mixtures	1
Sheperd Kidd	Canton-Galva	Torque Talk	5
Wyatt Sutton	Ness City	Viability of Corn Stover Ethanol	5
Michael Vinsonhaler	Seaman	Color Wars - Green or Red	5
<b>Social Systems</b>			
Lili Dieker	Canton-Galva	A Social Survey on Women in	1
McKensie Parson	Canton-Galva	The Protein Perspective: A Survey on Consumer Choices	1
Lainey Kendig	Osborne	Mix or Buy? Choosing the Right Ration for Your Replacement Heifers?	1
Levi Henry & Rustin Ayres	Canton-Galva	Bulls, Barrels, or Bronc Riding? Analyzation of a Survey of Rodeo Event Popularity	2
Chase Wescott & Chance O'Hara	Canton-Galva	Meat Matters: A Social Survey on Consumer Preferences in Meat Consumption	2
Hannah Huddleston	Junction City	Determining Perceptions of Service Activities Among Kansas Advisors	3
Emma Arbuckle	West Elk	Assessing Basic Agricultural Literacy in Sixth Through Eighth Grade Kansas Students	3
Blake Proietti	Junction City	NO TITLE WAS PROVIDED	5
Cora Coffey	Manhattan	Client Needs Within Riley County Food Banks	5
Marie Wright & Kiley Dillow	Chanute	Evaluating Consumer Sensory Preferences for Tenderness, Juiciness, and Overall Likability of Various Muscle Cuts Used as Fajita Meats	6
Josie Kueser & Jodi Donley	Ellsworth	Does Beef Package Labeling Affect Consumers Purchasing/Spending Habits?	6
Kaitlyn Sohnrey & Riley Sams-Frost	Junction City	How Do Research-Extension Programs Influence Local Production Agriculture Practices?	6