

AD-421 Progress Report Checklist
Animal and Food Sciences
10/14/2020

Accession Number	Project Number	Title	Department	Project Director	Funding Source	Project Start Date	Project End Date	Last Progress Report FY	Reporting Period of Performance	Project Status
1010352	KY007095	Effects of selenium in free-choice mineral-vitamin mixes on genes, proteins and metabolites of beef cattle consuming endophyte-infected tall fescue	Animal & Food Sciences	Matthews, James	HATCH	10/01/2016	09/30/2021	2019	2019-10-01 - 2020-09-30	Active
1011211	KY007096	National Animal Nutrition Program	Animal & Food Sciences	Lindemann, M	HATCH/MULTI-STATE	10/11/2016	09/30/2020	2018	2018-10-01 - 2019-09-30	Active
1014747	KY007097	Enhancing the Competitiveness and Value of U.S. Beef	Animal & Food Sciences	Suman, Surendranath	HATCH/MULTI-STATE	11/22/2017	09/30/2022	2019	2019-10-01 - 2020-09-30	Active
1015132	KY007098	Influence of ovary, uterus, and embryo on pregnancy success in ruminants	Animal & Food Sciences	Bridges, Phillip	HATCH/MULTI-STATE	01/10/2018	09/30/2022	2019	2019-10-01 - 2020-09-30	Active
1016084	KY007100	Applied Animal Behavior and Welfare	Animal & Food Sciences	Costa, Joao	HATCH/MULTI-STATE	04/30/2018	09/30/2021	2019	2019-10-01 - 2020-09-30	Active
1018136	KY007101	Metabolic Relationships in Supply of Nutrients for Lactating Cows	Animal & Food Sciences	McLeod, Kyle	HATCH/MULTI-STATE	10/30/2018	09/30/2023	2019	2019-10-01 - 2020-09-30	Active
1018404	KY007102	Factors affecting mineral concentrations in pasture herbage consumed by grazing animals	Animal & Food Sciences	Lawrence, L	HATCH	11/27/2018	09/30/2023	2019	2019-10-01 - 2020-09-30	Active
1018385	KY007103	Nutritional Systems for Swine to Increase Reproductive Efficiency	Animal & Food Sciences	Lindemann, M	HATCH/MULTI-STATE	02/05/2019	09/30/2023	2019	2019-10-01 - 2020-09-30	Active
1020779	KY007104	Environmental Pollutants, Nutrition, and Multi-Organ Cardiovascular Risk	Animal & Food Sciences	Hennig, B	HATCH	12/04/2019	09/30/2024		2019-12-04 - 2020-09-30	Active
1020733	KY007105	Mucosal carbohydrases are limiting to small intestinal starch assimilation	Animal & Food Sciences	Harmon, D	HATCH	10/01/2019	09/30/2024		2019-10-01 - 2020-09-30	Active
1020731	KY007106	Development of New Luminescence Methods to Measure Hydroperoxides in Foods	Animal & Food Sciences	Boatright, William	HATCH	01/18/2020	09/30/2024		2020-01-18 - 2020-09-30	Active
1020736	KY007107	Functional Properties of Food Proteins Modified by Phytophenolic Compounds	Animal & Food Sciences	Xiong, Youling	HATCH	01/18/2020	09/30/2024		2020-01-18 - 2020-09-30	Active
1021826	KY007108	Potential of red clover phenolic compounds to increase nitrogen utilization and weight gain by growing lambs	Animal & Food Sciences	Ely, D	HATCH	12/09/2019	09/30/2024		2019-12-09 - 2020-09-30	Active
1021234	KY007109	Regulating the mTOR signaling pathway in equine skeletal muscle	Animal & Food Sciences	Urschel, Kristine	HATCH	10/01/2019	09/30/2024		2019-10-01 - 2020-09-30	Active
1021461	KY007110	Relationships among dietary factors, measures of temperament, and physiological responses of economic importance in growing and finishing beef cattle.	Animal & Food Sciences	Vanzant, Eric	HATCH	02/12/2020	09/30/2024		2020-02-12 - 2020-09-30	Active
1021462	KY007111	Enhancing Poultry Production Systems through Emerging Technologies and Husbandry Practices	Animal & Food Sciences	Adedokun, Sunday	HATCH/MULTI-STATE	11/22/2019	09/30/2024		2019-11-22 - 2020-09-30	Active
1021937	KY007112	Development and Application of Nuclear Magnetic Resonance-Based Structural Profiling Methods for Arabinoxylans in Foods and Feeds	Animal & Food Sciences	Schendel, Rachel	HATCH	01/23/2020	09/30/2024		2020-01-23 - 2020-09-30	Active

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1017985	KYS1077	Enhancing Microbial Food Safety by Risk Analysis	Animal & Food Sciences	Newman, M	HATCH/MULTI- STATE	10/05/2018	09/30/2023		2018-10-05 - 2019-09-30	Active
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