

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

Project Number	Multi-State No.	Principal Investigator	Department Name	Acct. Dept	CRIS Number	Budget Source	Begin - Term Date	Note
COL00169	Strengthening Mutual Irrigation Companies in a Changing Water Market: Exploring Alternatives to Permanent Agricultural Water Transfers in the Arid Western United States							
		Brouillette, JR	Sociology	1784	0216113	State	07/01/2008 06/30/2011	<i>Terminated</i>
COL00201	Plant Genetic Resource Management, Preservation, Characterization and Utilization (from W006)							
	W006	Brick, MA	Soil & Crop Sciences	1170	0012503	MS Hatch	10/01/2009 09/30/2014	
COL00203B	Interactions of emerging threats and bark beetle-microbial dynamics in forest ecosystems (from W1187)							
	W2187	Jacobi, WR	Bioagric Sciences & Pest Mgmt	1177	0220199	MS Hatch	10/01/2009 09/30/2014	
COL00204	Improving ruminant use of forages in sustainable production systems for the western U.S. (from WERA110)							
	W1012	Whittier, JC	Animal Sciences	1171	0221400	MS Hatch	10/01/2009 09/30/2014	
COL00205	Assessing the Consumer Behavior, Market Coordination and Performance of the Consumer-Oriented Fruit and Vegetable Sector							
	S1050	Thilmany, DD	Agric & Resource Economics	1172	0224351	MS Hatch	10/01/2010 09/30/2015	
COL00206A	Textile Materials and Technologies Addressing Energy, Health and Other National Security Issues							
	S1026	Sarkar, AK	Design & Merchandising	1574	0208162	MS Hatch	10/01/2006 09/30/2012	
COL00207B	Breeding Common Bean (<i>Phaseolus vulgaris</i> L.) for Resistance to Abiotic and Biotic Stresses, Sustainable Production, and Enhanced Nutritional Value (from W1150)							
	W2150	Brick, MA	Soil & Crop Sciences	1170	0223961	MS Hatch	10/01/2010 09/30/2015	
COL00209A	Evaluating the Physical and Biological Availability of Pesticides and Contaminants in Agricultural Ecosystems (from W1082)							
	W2082	Borch, T	Soil & Crop Sciences	1170	0223684	MS Hatch	10/01/2010 09/30/2015	
COL00210B	Characterizing Mass and Energy Transport at Different Vadose Zone Scales (from W1188)							
	W2188	Butters, G	Soil & Crop Sciences	1170	0220462	MS Hatch	10/01/2009 09/30/2014	
COL00211B	Water Policy and Management Challenges in the West (from W1190)							
	W2190	Goemans, CG	Agric & Resource Economics	1172	0220845	MS Hatch	10/01/2009 09/30/2014	
COL00214B	Enhancing the Competitiveness and Value of U.S. Beef							
	W-2177	Belk, KE	Animal Sciences	1171	0212747	MS Hatch	10/01/2007 09/30/2012	
	485	Robb, JG	Cooperative Extension	4040				
COL00215B	Rural Change: Markets, Governance and Quality of Life							
	NE-1029	Thilmany, DD	Agric & Resource Economics	1172	0212037	MS Hatch	10/01/2007 09/30/2012	
COL00216	Control of Food-Borne Pathogens in Pre- and Post-Harvest Environments							
	S-1033	Sofos, JN	Animal Sciences	1171	0212549	MS Hatch	10/01/2007 09/30/2012	
	437	Sofos, JN	Animal Science	1171				
COL00218	Water Management and Quality for Ornamental Crop Production and Health							
	NC1186	Bauerle, W	Horticulture & Landscape Arch	1173	0226091	MS Hatch	05/01/2011 09/30/2015	<i>New</i>
COL00220A	Reproductive Performance in Domestic Ruminants							

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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	W1112	Nett, T	Biomedical Sciences	1680	0210004	MS Hatch	10/01/2006 09/30/2011	<i>Terminated</i>
COL00220B	Reproductive Performance in Domestic Ruminants							
	W2112	Nett, T	Biomedical Sciences	1680	0227415	MS Hatch	10/01/2011 09/30/2016	<i>New</i>
416		Morley, PS	Clinical Sciences	1678				
417		Hansen, T	Biomedical Sciences	1680				
432		Seidel, G	Biomedical Sciences	1680				
440		Clay, C	Biomedical Sciences	1680				
441		Niswender, GD	Biomedical Sciences	1680				
442		Anthony, R	Biomedical Sciences	1680				
COL00221A	Characterize Weed Population Dynamics for Improved Long-Term Weed Management Decision Making							
	NC-1026	Westra, P	Bioagric Sciences & Pest Mgmt	1177	0205763	MS Hatch	10/01/2005 09/30/2011	<i>Terminated</i>
COL00221B	Weeds as Phytometers in a Changing Environment							
	NC1191	Westra, P	Bioagric Sciences & Pest Mgmt	1177	0227639	MS Hatch	10/01/2011 09/30/2016	<i>New</i>
COL00222A	Biological Control in Pest Management Systems of Plants							
	W-2185	Hufbauer, RA	Bioagric Sciences & Pest Mgmt	1177	0212743	MS Hatch	10/01/2007 09/30/2012	
COL00225	Biology and Management of Iris yellow spot virus (IYSV) and Thrips in Onions							
	W-1008	Schwartz, HF	Bioagric Sciences & Pest Mgmt	1177	0212748	MS Hatch	10/01/2007 09/30/2012	
COL00238B	Benefits and Costs of Natural Resources Policies Affecting Public and Private Lands							
	W-2133	Loomis, J	Agric & Resource Economics	1172	0211778	MS Hatch	10/01/2007 09/30/2012	
COL00270B	Environmental and Genetic Determinants of Seed Quality and Performance (from W1168)							
	W2168	Hughes, HG	Horticulture & Landscape Arch	1173	0218471	MS Hatch	10/01/2008 09/30/2013	
COL00271B	Beneficial and Adverse Effects of Natural, Bioactive Dietary Chemicals on Human Health and Food Safety							
	W-2122	Vivanco, JM	Horticulture & Landscape Arch	1173	0212550	MS Hatch	10/01/2007 09/30/2012	
COL00275B	Improving the Sustainability of Livestock and Poultry Production in the United States							
	S-1032	Ham, J	Soil & Crop Sciences	1170	0213429	MS Hatch	10/01/2007 09/30/2012	
COL00280	Multi-state Evaluation of Winegrape Cultivars and Clones							
	NE1020	Caspari, HW	Western Colorado Research Center	3046	0202289	MS Hatch	10/01/2004 09/30/2017	
COL00282A	Microirrigation for sustainable water use (from W1128)							
	W2128	Bartolo, ME	Arkansas Valley Research Center	3040	0220463	MS Hatch	10/01/2009 09/30/2014	
443		Wilkins-Wells	Sociology	1784				
452		Bartolo, ME	Arkansas Valley Research Center	3040				
455		Butters, G	Soil and Crop Sciences	1170				

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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456		Gates, TK	Civil and Environmental Engineering	1372				
467		Garcia, LA	Civil and Environmental Engineering	1372				
COL00285	Improving Economic and Environmental Sustainability in Tree-Fruit Production Through Changes in Rootstock Use							
	NC-140	Pokharel, R	Western Colorado Research Center	3046	0138018	MS Hatch	10/01/2007	09/30/2012
COL00289B	N-3 Polyunsaturated Fatty Acids and Human Health and Disease							
	NC-1039	Harris, M	Food Science & Human Nutrition	1571	0212629	MS Hatch	10/01/2007	09/30/2012
COL00292B	Soil-Based Use of Residuals, Wastewater and Reclaimed Water(from W1170)							
	W2170	Barbarick, KA	Soil & Crop Sciences	1170	0219696	MS Hatch	10/01/2009	09/30/2014
COL00293B	Germ Cell and Embryo Development and Manipulation for the Improvement of Livestock (from W1171)							
	W2171	Seidel, GE	Biomedical Sciences	1680	0221963	MS Hatch	10/01/2009	09/30/2014
COL00294A	Stress Factors of Farm Animals and Their Effects on Performance							
	W-1173	Engle, TE	Animal Sciences	1171	0208728	MS Hatch	10/01/2006	09/30/2011 <i>Terminated</i>
COL00294B	Impacts of Stress Factors on Performance, Health, and Well-Being of Farm Animals (from W1173)							
	W2173	Engle, TE	Animal Sciences	1171	0227151	MS Hatch	10/01/2011	09/30/2016 <i>New</i>
COL00500	Imagining landscapes of the future: predicting the impacts of climate change, insect outbreaks, and fire on Colorado forests							
		Rocca, ME	Forest Rangeland Watershed Stwrđ	1472	0210730	McStennis	07/01/2007	06/30/2012
COL00505	Spatial analysis and modeling the indirect effects of climate change on forest insects and diseases across North America							
		Reich, RM	Forest Rangeland Watershed Stwrđ	1472	0210731	McStennis	07/01/2007	06/30/2012
COL00515	Strategic management of unwanted wildland large fire events by integrating the fuels program with the direct management of suppression: a systematic approach to cost control							
		Wei, Y	Forest Rangeland Watershed Stwrđ	1472	0210732	McStennis	07/01/2007	06/30/2012
COL00540	Impacts of fire hazard reduction and forest restoration treatments on sustainability and forest production in ponderosa pine forests							
		Smith, FW	Forest Rangeland Watershed Stwrđ	1472	0215759	McStennis	08/01/2008	06/30/2012
COL00601	Impacts and Mechanisms of Plant Invasions: Insights from Bromus tectorum							
		Brown, CS	Bioagric Sciences & Pest Mgmt	1177	0214393	Hatch	07/01/2008	06/30/2013
COL00602	Modeling and evaluating remote sensing-based crop ET with scintillometers and a heat flux source area function							
		Chávez, JL	Civil & Environmental Engineering	1372	0218485	Hatch	07/01/2009	06/30/2012
COL00603	Omega-3 Fatty Acids, Adiponectin, and Insulin Action in Hispanic Women							
		Melby, CL	Food Science & Human Nutrition	1571	0218740	Hatch	07/01/2009	06/30/2011 <i>Terminated</i>
COL00604	Consumption of Milk After Physical Activity - Rethinking Protein Recommendations in Older Individuals							
		Miller, BF	Health & Exercise Science	1582	0216486	Hatch	07/01/2008	06/30/2011 <i>Terminated</i>
COL00606	Nutrition and Management of Feedyard Cattle to Enhance Performance, Carcass Value and Environmental Sustainability							

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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		Wagner, JJ	Animal Sciences	1171	0091575	Hatch	07/01/2009 06/30/2014	
	427	Schutz, DN	Eastern Colorado Research Center	3041				
COL00607	Livestock Management Systems							
		Enns, RM	Animal Sciences	1171	0091574	Hatch	07/01/2009 06/30/2015	
COL00608	Management of Forages in Colorado for Improved Yield and Quality							
		Brummer, JE	Soil & Crop Sciences	1170	0170642	Hatch	07/01/2011 06/30/2016	
COL00609	Precision Management on Site-Specific Management Zones for Farm Profitability and Environment Sustainability							
		Khosla, R	Soil & Crop Sciences	1170	0171668	Hatch	07/01/2007 06/30/2012	
COL00610	Assessing the Primary Controls on Soil Biogeochemistry in Grass Dominated Ecosystems							
		Kelly, EF	Soil & Crop Sciences	1170	0150213	Hatch	07/01/2006 06/30/2012	
COL00611	Can Plants Protect Hearts? Bioactive Compounds, Activation of Phase II Eyzymes, and Cardioprotection							
		Hamilton, KL	Health & Exercise Science	1582	0218849	Hatch	07/01/2009 06/30/2011	<i>Terminated</i>
COL00612	Determining the Consumptive Water Use of Crops in Colorado for Efficient Irrigation							
		Andales, AA	Soil & Crop Sciences	1170	0218611	Hatch	07/01/2009 06/30/2014	
COL00613	Soil Microbial Structural and Functional Diversity for Soil Quality and Ecosystem Services							
		Stromberger, ME	Soil & Crop Sciences	1170	0203896	Hatch	07/01/2010 06/30/2015	
COL00614	Integrated Resource Management - Beef Cattle and Sheep							
		Peel, RK	Animal Sciences	1171	0091497	Hatch	07/01/2009 06/30/2014	
	494	Webb, C	Clinical Sciences	1678				
	818	Sommers, LE	AES Director's Office	3001				
COL00615	Field Crop Testing and Management in Southwestern Colorado							
		Berrada, A	Southwestern Colorado Res Center	3050	0151587	Hatch	07/01/2010 06/30/2015	
COL00617	Expanded Food and Nutrition Education Program (EFNEP) Related Research: Assessment of EFNEP's Impact on Paraprofessionals' Quality of Life							
		Baker, SS	Food Science & Human Nutrition	1571	0222462	Hatch	07/01/2010 06/30/2012	
COL00618	Improving Management of Arthropod Pests of Vegetable Crops, Nursery Crops and Landscape Plants in Colorado							
		Cranshaw, WS	Bioagric Sciences & Pest Mgmt	1177	0155053	Hatch	07/01/2007 06/30/2012	
COL00619	Identification of Factors and Development of Technologies to Improve Efficiency of Assisted Reproductive Technologies in the Horse							
		Bruemmer, JE	Animal Sciences	1171	0155052	Hatch	07/01/2007 06/30/2012	
COL00620	Increasing the availability, safety and acceptance of diverse leafy green vegetables							
		Bunning, M	Food Science & Human Nutrition	1571	0222456	Hatch	07/01/2010 06/30/2012	
COL00621	Colored potato bioactive compounds as anti-obesity agents							
		Vanamala, J	Food Science & Human Nutrition	1571	0222463	Hatch	07/01/2010 06/30/2012	

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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COL00622	Insect Pest Management with Infochemicals		Bjostad, LB	Bioagric Sciences & Pest Mgmt	1177	0095958	Hatch	07/01/2008 06/30/2013
COL00623	Integrated Weed Management Strategies in Aquatic and Non-Crop Systems		Nissen, SJ	Bioagric Sciences & Pest Mgmt	1177	0170404	Hatch	07/01/2010 06/30/2015
COL00624	Omega Smart Baby Project: Omega-3 DHA supplementation and promotion of breast feeding to promote optimal growth and cognitive development		Harris, M	Food Science & Human Nutrition	1571	0225675	Hatch	07/01/2011 06/30/2013 <i>New</i>
COL00625	Species identity in plant invasions: investigating the impacts and management of novel exotic hybrid taxa.		Ward, SM	Soil & Crop Sciences	1170	0196384	Hatch	07/01/2011 06/30/2016
COL00626	Eat Well to Excel: Nudging Middle School Students toward More Healthful Food Choices		Cunningham-Sabo, L	Food Science & Human Nutrition	1571	0225676	Hatch	07/01/2011 06/30/2013 <i>New</i>
COL00627	Bio-based Polymers for Textile Applications		Sarkar, AK	Design & Merchandising	1574	0225560	Hatch	07/01/2011 06/30/2013 <i>New</i>
COL00629	Regulation of Animal Growth by Hormones and Growth Factors		Han, H	Animal Sciences	1171	0098811	Hatch	07/01/2009 06/30/2014
COL00630	Improving health-related knowledge, attitudes and behaviors among children and their families at risk for obesity and their co-morbidities		Nelson, TL	Health & Exercise Science	1582	0226100	Hatch	07/01/2011 06/30/2013 <i>New</i>
COL00631	Effect of Fish Oil Supplementation in Chronic Renal Failure (CRF) in a Feline Model of Human Disease		Harris, M	Food Science & Human Nutrition	1571	0210855	Hatch	07/01/2007 06/30/2011 <i>Terminated</i>
COL00633	Organic Cropping Management Systems		Godin, RE	Western Colorado Research Center	3046	0182243	Hatch	07/01/2009 06/30/2014
COL00634	Agricultural Water Organizations and the Agricultural-to-Urban Water Problem on the Cache La Poudre River: A Digital History Project		Fiege, M	History	1776	0225561	Hatch	07/01/2011 06/30/2014 <i>New</i>
COL00639	Crop and Soil Management Systems in Water Limited Agroecosystems		Hansen, NC	Soil & Crop Sciences	1170	0098816	Hatch	07/01/2007 06/30/2012
	420	Hansen, N	Soil and Crop Sciences	1170				
COL00642	Reduction of low larkspur (<i>Delphinium</i> spp.) abundance and toxicity on Colorado rangelands using targeted competition from seeded forbs		Meiman, PJ	Forest Rangeland Watershed Stwr	1472	0225618	Hatch	07/01/2011 06/30/2014 <i>New</i>
COL00643	Ecological Restoration of Surface Disturbances in Colorado Shortgrass Steppe		Paschke, MW	Forest Rangeland Watershed Stwr	1472	0225623	Hatch	07/01/2011 06/30/2014 <i>New</i>
COL00644	Genomics of Economically Important Traits in Wheat and Barley		Lapitan, NL	Soil & Crop Sciences	1170	0151599	Hatch	07/01/2007 06/30/2012
COL00645	Support and Enhancement of the C. P. Gillette Museum of Arthropod Diversity							

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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		Kondratieff, BC	Bioagric Sciences & Pest Mgmt	1177	0168528	Hatch	07/01/2010 06/30/2015	
COL00646		Biology and Management of the Russian Wheat Aphid, <i>Diuraphis Noxia</i> (Mordvilko), in Colorado						
		Peairs, FB	Bioagric Sciences & Pest Mgmt	1177	0135042	Hatch	07/01/2010 06/30/2015	
	465	Johnson, JJ	Soil and Crop Sciences	1170				
	466	Haley, SD	Soil and Crop Sciences	1170				
COL00647		Applying Molecular Biology and Ecology Approaches to Management of Herbicide Reistance in Key Colorado Weeds						
		Westra, P	Bioagric Sciences & Pest Mgmt	1177	0225850	Hatch	07/01/2011 06/30/2016	<i>New</i>
COL00649		High Throughput Discovery of Genetic Variation to Facilitate Tailoring Crops for Bioenergy Feedstocks						
		Leach, JE	Bioagric Sciences & Pest Mgmt	1177	0225624	Hatch	07/01/2011 06/30/2016	<i>New</i>
COL00652		Bridging the gap between wide-area assessment and farm level conservation planning: Demonstration in priority Colorado watersheds						
		Arabi, M	Civil & Environmental Engineering	1372	0225677	Hatch	07/01/2011 06/30/2014	<i>New</i>
COL00653		Optimization of Low Water Usage Hydrolysis Processes for Bioenergy Generation from Agricultural Waste Materials in Arid Regions						
		De Long, SK	Civil & Environmental Engineering	1372	0226066	Hatch	07/01/2011 07/01/2012	<i>New</i>
COL00654		Crop Management and Sorghum Improvement						
		Larson, KJ	Plainsman Research Center	3044	0151591	Hatch	07/01/2010 06/30/2015	
COL00655		Streamflow changes in north-central Colorado: non-stationarity or changes in streamflow generation mechanisms?						
		Stednick, JD	Forest Rangeland Watershed Stwrd	1472	0225841	Hatch	07/01/2011 06/30/2014	<i>New</i>
COL00658		Wastewater Reuse In Turfgrass Systems						
		Qian, YL	Horticulture & Landscape Arch	1173	0203897	Hatch	07/01/2011 06/30/2016	
COL00660		Actinorhizal Shrubs in Forests and Rangelands of Colorado						
		Paschke, MW	Forest Rangeland Watershed Stwrd	1472	0134798	Hatch	07/01/2008 06/30/2011	<i>Terminated</i>
COL00662		Ecology, Biology, and Management of Invasive Weeds in Colorado						
		Beck, KG	Bioagric Sciences & Pest Mgmt	1177	0211200	Hatch	07/01/2007 06/30/2012	
COL00664		The Biology, Ecology, and Molecular Genetics of Key Weeds of Colorado Row Crops and Non-Cropland						
		Westra, P	Bioagric Sciences & Pest Mgmt	1177	0155167	Hatch	07/01/2006 06/30/2011	<i>Terminated</i>
COL00666		Assessing the benefits and drawbacks of different institutional arrangements to enhancing forest ecosystem services and ecosystem services markets in Colorado						
		Cheng, AS	Forest Rangeland Watershed Stwrd	1472	0214245	Hatch	07/01/2011 06/30/2014	<i>Terminated</i>
COL00667		Developing a Geospatial Data and Analysis Center for Conservation Planning in Colorado						
		Laituri, M	Forest Rangeland Watershed Stwrd	1472	0214246	Hatch	07/01/2008 06/30/2012	
	413	Knight-Sueltenfuss	Colorado Water Institute	1033				
COL00668		Interpretation of Hummocks Relative to the Condition of Riparian Areas and Wetlands						
		Meiman, PJ	Forest Rangeland Watershed Stwrd	1472	0214247	Hatch	07/01/2008 06/30/2011	<i>Terminated</i>

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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COL00670		Archibeque, S	Animal Sciences	1171	0175147	Hatch	07/01/2009 06/30/2014	
COL00671		Cheng, AS	Forest Rangeland Watershed Stwrđ	1472	0226686	Hatch	07/01/2011 06/30/2014	<i>New</i>
COL00672		Pearson, CH	Western Colorado Research Center	3046	0151594	Hatch	07/01/2007 06/30/2012	
COL00675		Zimmerman, RJ	Western Colorado Research Center	3046	0135039	Hatch	07/01/2007 06/30/2011	<i>Terminated</i>
	425	Larsen, HJ	Western Colorado Research Center	3046				
COL00680		Hufbauer, R	Bioagric Sciences & Pest Mgmt	1177	0210984	Hatch	07/01/2007 06/30/2012	
COL00681		Enns, RM	Animal Sciences	1171	0176559	Hatch	07/01/2011 06/30/2016	
	495	Enns, RM	Animal Science	1171				
COL00684		Gates, TK	Civil & Environmental Engineering	1372	0174037	Hatch	07/01/2011 06/30/2014	
COL00685		Davis, JG	Soil & Crop Sciences	1170	0174179	Hatch	07/01/2006 06/30/2012	
COL00687		Paustian, KH	Soil & Crop Sciences	1170	0196446	Hatch	07/01/2009 06/30/2014	
COL00689		Arabi, M	Civil & Environmental Engineering	1372	0214248	Hatch	07/01/2008 06/30/2011	<i>Terminated</i>
COL00690		Bau, DA	Civil & Environmental Engineering	1372	0214249	Hatch	07/01/2010 06/30/2012	
COL00693		Niemann, JD	Civil & Environmental Engineering	1372	0210734	Hatch	07/01/2010 06/30/2013	
COL00696		Sharvelle, SE	Civil & Environmental Engineering	1372	0214251	Hatch	07/01/2011 06/30/2013	
COL00698		Fernandez-Gimenez, ME	Forest Rangeland Watershed Stwrđ	1472	0196447	Hatch	07/01/2011 06/30/2014	
COL00699								

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

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		Collett, JL	Atmospheric Science	1371	0203898	Hatch	07/01/2010 06/30/2015	
COL00703		Monitoring Colorado's Climate for Applications in Agriculture and Natural Resources						
		Doesken, NJ	Atmospheric Science	1371	0155044	Hatch	07/01/2007 06/30/2012	
COL00707		Use of Remote Sensing of Evapotranspiration model (ReSET) in the South Platte River Basin						
		Garcia, LA	Civil & Environmental Engineering	1372	0188935	Hatch	07/01/2011 06/30/2014	
COL00710		Improved potato yield and quality through disease suppression and optimum certified seed potato production techniques						
		Davidson, RD	San Luis Valley Research Center	3043	0185397	Hatch	07/01/2007 06/30/2012	
COL00711		Development of cultivar specific management profiles for new and existing potato cultivars.						
		Essah, SY	San Luis Valley Research Center	3043	0197560	Hatch	07/01/2009 06/30/2014	
COL00712		Development of New Potato Cultivars for Colorado Via Germplasm Enhancement and Evaluation						
		Holm, DG	Horticulture & Landscape Arch	1173	0068773	Hatch	07/01/2011 06/30/2016	
	472	Jayanty, S	San Luis Valley Research Center	3043				
	475	Holm, DG	San Luis Valley Research Center	3043				
COL00713		Introduction, Adaptability, Production and Survival of Landscape Plants in Colorado						
		Klett, JE	Horticulture & Landscape Arch	1173	0155041	Hatch	07/01/2008 06/30/2013	
COL00714		Role of Trophic Interactions in the Establishment and Spread of Insect Natural Enemies						
		Ode, PJ	Bioagric Sciences & Pest Mgmt	1177	0218472	Hatch	07/01/2009 06/30/2012	
COL00715		Use of Reactive Impoundment and Drain (RID) Systems for Removing Nutrient, Pharmaceutical and Odor Contaminants from Animal Feed Operation Waste Lagoons						
		Carlson, KH	Civil & Environmental Engineering	1372	0218473	Hatch	07/01/2009 06/30/2012	
COL00716		Improving the Potato Storage Management to Enhance Quality and Marketability						
		Jayanty, S	Horticulture & Landscape Arch	1173	0218474	Hatch	07/01/2009 06/30/2014	
COL00717		Vegetable Crop Management in the Arkansas Valley						
		Bartolo, ME	Arkansas Valley Research Center	3040	0158348	Hatch	07/01/2010 06/30/2015	
	453	Simmons, LH	Arkansas Valley Research Center	3040				
	454	Valliant, JC	Arkansas Valley Research Center	3040				
COL00727		Effects of Irrigated Agriculture and Riparian Vegetation on Fish Habitats in the Arikaree River Basin of Colorado						
		Oad, R	Civil & Environmental Engineering	1372	0200178	Hatch	07/01/2010 06/30/2012	
COL00737		Molecular-Marker-Assisted Analysis of Quantitative Traits in Wheat and Dry Beans						
		Byrne, PF	Soil & Crop Sciences	1170	0178700	Hatch	07/01/2007 06/30/2012	
COL00741		Pest management in algae production systems						
		Chisholm, ST	Bioagric Sciences & Pest Mgmt	1177	0213158	Hatch	07/01/2010 06/30/2015	
COL00743		The Functional and Evolutionary Genomics of Drought Adaptation Networks in Arabidopsis thaliana						

Monday, February 20, 2012

Colorado Agricultural Experiment Station Active Research Projects

Project Number	Multi-State No.	Principal Investigator	Department Name	Acct. Dept	CRIS Number	Budget Source	Begin - Term Date	Note
		McKay, JK	Bioagric Sciences & Pest Mgmt	1177	0210912	Hatch	07/01/2010 06/30/2015	
COL00744		Colorado Vegetable Crop Disease Management						
		Schwartz, HF	Bioagric Sciences & Pest Mgmt	1177	0156467	Hatch	07/01/2008 06/30/2013	
COL00745		Interactions of Environmental Conditions with Forest and Shade Tree Diseases						
		Jacobi, WR	Bioagric Sciences & Pest Mgmt	1177	0156713	Hatch	07/01/2009 06/30/2014	
COL00746		Ecology of Pests and Pest Management Systems						
		Norton, AP	Bioagric Sciences & Pest Mgmt	1177	0196445	Hatch	07/01/2007 06/30/2012	
COL00747		Thousand Cankers Disease of Black Walnut						
		Tisserat, NA	Bioagric Sciences & Pest Mgmt	1177	0203899	Hatch	07/01/2010 06/30/2015	
COL00750		Molecular Basis of Broad Spectrum, Durable Disease Resistance in Crop Plants						
		Leach, JE	Bioagric Sciences & Pest Mgmt	1177	0205099	Hatch	07/01/2005 06/30/2011	<i>Terminated</i>
COL00753		Management of spider mite pests in Colorado field corn.						
		Peairs, FB	Bioagric Sciences & Pest Mgmt	1177	0076203	Hatch	07/01/2007 06/30/2012	
COL00759		Plants as a Source of Bioactive Molecules for the Treatment of Obesity and Diabetes						
		Pagliassotti, MJ	Food Science & Human Nutrition	1571	0210704	Hatch	07/01/2007 06/30/2012	
COL00763		Soy Derived Phytoestrogens and Protection of Cardiomyocytes						
		Bizeau, ME	Food Science & Human Nutrition	1571	0207279	Hatch	07/01/2006 06/30/2011	<i>Terminated</i>
COL00780		Development and Evaluation of Turf Species and Management Strategies for Sustainable Turf Systems						
		Koski, AJ	Horticulture & Landscape Arch	1173	0158344	Hatch	07/01/2011 06/30/2016	
COL00795		Improvement of Quality and Performance of Colorado Wheat						
		Haley, SD	Soil & Crop Sciences	1170	0152769	Hatch	07/01/2011 06/30/2016	
	490	Byrne, PF	Soil and Crop Sciences	1170				
	491	Lapitan, N	Soil and Crop Sciences	1170				
	492	Haley, SD	Soil and Crop Sciences	1170				

Total Number of AES Projects: 124