

Department of Crop and Soil Sciences
External Funding

CY1999

		Proposal Title	Agency	Source of Available Funds		
				Private	State	Federal
Baker, Shelby H		Cotton Breeding and Cultural Practices	GACCC		30000	
Baldwin, John A		Agricultural Technician III	GACCP		11223	
		Agricultural Research Assistant III	GACCP		5343	
		County Agents Attending American Peanut Research and Education Society Meetings	GACCP		4000	
Beasley, John P		Row Spacing Studies in Peanuts	GACCP		2000	
		Test Demonstration Educational Programs	GACCP		6000	
		Comparison on Peanut Cultivar Response to Row Spacing & a Potential New Growth Regulator	GACCP		3000	
Bednarz, Craig W		Cotton Crop Management and Physiology	GACCC		25000	
		Defoliation Timing Using Cotman: Georgia	Cotton, Inc.	4240		
		Characterization of the Fruiting Growth Curve Used in Crop Monitoring: Georgia	Cotton, Inc.	5175		
Boerma, Henry Roger		License and Cooperation Agreement	Asgrow/hartz	24336		
		Soybean Genetic Diversity to Increase Yield and Improve Resistance to Frogeye Leaf Spot	USDA			51345
		Molecular Tagging of Drought Resistance Genes in Soybean	USDA			49000
		Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	GSDC		34000	
		Development of Low-saturated Low-linolenic Soybean Cultivars-II, Maturity Group VII & VIII	USDA			155000
		Molecular Tagging of Drought Resistance Genes in Soybean	USDA			49000
		Development of Low-saturated Low-linolenic Soybean Cultivars-II, Maturity Group VII & VIII	USDA			22500
		Soybean Genetic Diversity to Increase Yield and Improve Resistance to Frogeye Leaf Spot	USDA			51345
Bouton, Joseph H		Bioenergy Crop Breeding and Production Research in the Southeast	Lockheed Martin Energy Sys Inc	115000		
		Bioenergy Crop Breeding and Production Research in the Southeast	Lockheed Martin Energy Sys Inc	50000		

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	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	GSDC		51712	
	Bioenergy Crop Breeding and Production Research in the Southeast	Lockheed Martin Energy Sys Inc	48535		
Branch, William D	Georgia Peanut Breeding Program	GACCP		15000	
	Enhancement of the Georgia Peanut Breeding Program	GSDC		35000	
Bridges, David C	Post-emergence Weed Control Strategies for Cotton	GACCC	5000		
	Economic Evaluation of Chemical and Transgenic Weed Management Technology - Georgia	Cotton, Inc.	5500		
Brown, Steven M	Beltwide Cotton Conference Study Tour for County Agents	GACCC		3000	
	Cotton Field Demonstration	GACCC		30000	
	Beltwide Cotton Conference Study Tour for County Agents	GACCC		15000	
	Cotton Education Programs	GACCC		24000	
Cabrera, Miguel L	Refining Rates of Broiler Litter Application to No-till Corn by Evaluating and Modeling Ammonia Volatilization	GA Commodity Comm for Corn		10500	
Carrow, Robert N	Turfgrass Wear-tolerance Studies	GA Turf Grass Foundation, Inc	2000		
	Turfgrass Wear-tolerance Studies	GA Turf Grass Foundation, Inc	4000		
	Organic Matter Dynamics in the Surface Zone of a USGA Green: Practices to Alleviate Problems	US Golf Association	25000		
	Seashore Paspalum Ecotype Tolerance to Root Limiting Soil Stresses and Traffic Stresses	US Golf Association	25000		
	Turfgrass Wear-tolerance Studies	GA Turf Grass Foundation, Inc	5000		
Coy, Anton E	Identifying High Oil Corn Blends Suitable for Production in Georgia	GA Commodity Comm for Corn		8000	
Duncan, Ronny R	Development of Minimal Input Best Management Practice for Paspalum	US Golf Association	25000		
	Turfgrass Breeding Programs: Tall Fescue and Seashore Paspalum	GA Turf Grass Foundation, Inc	8000		
	Enhancement of Paspalum Breeding Program for Sports Turf Usage	GSDC		14240	
	Genetic Analysis of Paspalum Species	USDA			10000
	Genetic Enhancement of Paspalum for Recreational Turf	US Golf Association	25000		
	Best Management Strategies for Paspalum Sod/stolen Production and Establishment	Intl Turf Producers Foundation	4640		

Proposal Title		Agency	Source of Available Funds		
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Earl, Hugh James	Physiological Responses of Commercial Cotton Varieties to Soil Water Deficits	GACCC		6134	
Eastin, E Ford	Emerging Technologies for Weed Management in Georgia Corn Production	GA Commodity Comm for Corn		15000	
	Assessment of Weed Management Systems for Transgenic Cotton Production in Georgia	GACCC		10000	
	Improvement of Harvest Aid Practices for Georgia Cotton	GACCC		5000	
Gascho, Gary J	Modification of Nitrogen Fertilization Following Broiler Litter	GA Commodity Comm for Corn		10200	
	Evaluating the Potential of the Chlorophyll Meter for Nitrogen Management in Cotton	GACCC		7000	
Grey, Timothy Lane	Standard, Roundup Ready, STS and Liberty Link Soybean Variety, Yield, Weed Control Cost and Economic Comparisons in Drilled and Wide Row No-tillage Systems	GACCS		1500	
	Standard, Roundup Ready, STS and Liberty Link Soybean Variety, Yield, Weed Control Cost and Economic Comparisons in Drilled and Wide Row No-tillage Systems	GACCS		1500	
Hanna, Wayne W	Development of Superior Pearl Millet Grain and Forage Hybrids	GSDC		35629	
	Search for STRIGA Resistance in Cultivated and Wild Relatives of Pearl Millet	ICRISAT	20000		
	Development of Innovative Techniques and Principles That May Be Used as Models to Improve Plant Performance	US DOE			
Hill, Nicholas S	Testing Jesup and Ga5 Tall Fescue with Ar502 and Ar542 Endophytes for Endophyte Presence and Ergot Alkaloids	Pennington Seed Co	8376		
Hook, James E	Irrigated Corn Production under Water Conservation Measures	GA Commodity Comm for Corn		10000	
	Tillage Management Systems for Non-irrigated Row Crops: Corn	GA Commodity Comm for Corn		5000	
Ingram, Keith T	Aspergillus Infection of Peanut in Relation to Pod Development Stage and Water Deficit	Peanut Foundation	5000		
Johnson, Jerry W	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	GSDC		33400	
	Development of Wheat Cultivars with Scab Resistance Adapted to the Southeastern U.S.	USDA			14634
Kissel, David E	NASA Precision Farming	GA Institute of Technology		25000	

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	Nasa Precision Farming	GA Institute of Technology		15000	
	Ammonia Volatilization from Urea and Urea/thio-sul Mixtures with Soil	Tessengerlo Kerley Inc	16000		
Kvien, Craig K	Improving Water Management	GACCP		5000	
Lafayette, Peter R	Optimization of Soybean Regeneration from Liquid Medium	Pioneer Hi-bred Intl	50000		
Landry Jr, Gilbert W	On-site Testing of Grasses for Overseeding of Bermudagrass Fairways	Natl Turfgrass Eval Grants Program	16000		
Leclerc, Monique Y	Enhancement and Intercomparison of Co2 and H2O Measurements from Soil and Canopy at Two Ameriflux Sites	University of Alabama		8235	
	Enhancement and Intercomparison of CO2 and H2O Measurements from Soil and Canopy at Two Ameriflux Sites	University of Alabama		105800	
Lee, R Dewey	Effects of Planting Date & Corn Hybrids on Yield & Infestation of Maize Weevil	GA Commodity Comm for Corn		2250	
	County Educational Programs for Corn Production in Georgia	GA Commodity Comm for Corn		5000	
	Performance of Twin-row Planting of Corn as Compared to Traditional 36" Row and Ultra-narrow 10" Row Widths in Corn	GA Commodity Comm for Corn		3100	
	High Residue Conservation Tillage System for Corn	GA Commodity Comm for Corn		7700	
	Technical Support for Extension Corn Improvement Team	GA Commodity Comm for Corn		33300	
Moore, J Michael	Tobacco Education Program	Philip Morris	33600		
	Printing Extension Publications: Georgia Tobacco Grower's Guide/Georgia Tobacco Research and Extension Report	GACCT		7000	
Parrott, Wayne Allen	Soybean Tissue Culture and Genetic Engineering Center	Univ of Kentucky Research Found	97900		
Paterson, Andrew H	The Construction of Bac Islands in Brassica Napus, B. Juncea and A. Thaliana	DNA Landmarks Inc	86748		
	Genetic and Molecular Analysis of Expressed-sequence Tags (ESTS) Implicated in Sugarcane Growth and Productivity	International Cons Sugarcane Bio-US	109479		
	Genetic and Molecular Analysis of Expressed-sequence Tags (ESTS) Implicated in Sugarcane Growth and Productivity	International Cons Sugarcane Bio-int	83000		
	Cloning and Characterization of Rhizome-specific Genes	USDA			130686
	Genetic and Molecular Analysis of Expressed-sequence Tags (ESTS) Implicated in Sugarcane Growth and Productivity	International Cons Sugarcane Bio-int	33000		
	DNA Marker-accelerated Conversion of Exotic Sorghum and Maize Germplasm	Pioneer Hi-bred Intl	69609		

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	Cloning of SH1, a Gene Responsible for Shattering of the Cereal Inflorescence	USDA			201292
	Genetic and Molecular Analysis of Expressed-sequence Tags (ESTS) Implicated in Sugarcane Growth and Productivity	International Cons Sugarcane Bio-US	3000		
	Toward a Unified Map of Cotton and Arabidopsis	USDA			163238
	A Turfgrass Genome Project: Integration of Cynodon Chromosomes with Molecular Maps of the Cereals	US Golf Association	25000		
	Dissertation Fellowship for Qian Xiaoyin	Rockefeller Foundation	10000		
	Improving Productivity of Cotton in Arid-region Agriculture: an Integrated Genetic/physiological Approach	Texas A&m Research Found	56510		
	AB-QTL Mapping of Peanut	Texas A&m Research Found	61840		
	Risk of Gene Flow from Sorghum to Johnsongrass	USDA			121292
	Genetic and Molecular Analysis of Expressed-sequence Tags (ESTS) Implicated in Sugarcane Growth and Productivity	International Cons Sugarcane Bio-US	162132		
Radcliffe, David E	Threshold Soil Phosphorus Levels in a Benchmark Soil of the Southern Piedmont	North Carolina State Univ		13469	
Raymer, Paul L	Endowment-UGA Foundation Burton	UGA Foundation	930		
	Hybridization and Introgression of Bt Transgenes from Canola into Weedy Relatives	University of North Carolina		49300	
	Development of Herbicide Resistant Canola Cultivars	GSDC		24000	
	Soybean Extension Education Programs	GACCS		8000	
Segars, William I	Use of Best Management Practices for Cattle Producers to Improve Water Quality - Red Bud Farm Demonstration Site	USDA			49222
	Little River/Rooty Creek	USDA			30000
	Using Precision Farming Techniques to Protect Water Quality & Improve Ecosystem Sustainability	GA Soil/water Conservation Com		239150	
Shuman, Larry M	Phosphorus Leaching and Runoff from Golf Greens and Fairways	GA Turf Grass Foundation, Inc	2500		
	Nitrogen and Phosphorus Leaching and Runoff from Golf Greens and Fairways	US Golf Association	25000		
Sumner, Malcolm E	Coal Combustion and Organic By-product Blends	Electric Power Research Inst	130565		

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Vencill, William K	Using New Genetic Technologies with Innovative Cultural Practices for Insect and Weed Management in Cotton	GACCC		24000	
West, Larry T	Evaluating Subsurface Soil Properties That Influence Water and Agrichemicals Movement Through Coastal Plain Landscapes	USDA			9700

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Armbrust, Kevin L	The Impact of Lawn Care Practices on Aquatic Ecosystems in Suburban Watersheds	US EPA			305508
	Calibration of Computer Model Scenarios (Przm3/exam2) for Pesticide Runoff and Leaching in Turfgrass Environments	Golf Superintendents of America	30000		
	Calibration of Computer Model Scenarios for Pesticide Runoff and Leaching in Turfgrass Environments	US Golf Association	25000		
Baldwin, John A	Peanut Variety Response to Row Pattern & Seeding Rate	GACCP		3000	
	County Agents Attend Apres	GACCP		3500	
Beasley, John P	Row Spacing Studies in Peanuts	GACCP		2000	
	Comparison of Peanut Cultivar Response to a Potential New Growth Regulator	GACCP		3000	
	Educational Programs: Managing Peanut Production Inputs to Improve Profitability	GACCP		6000	
Bednarz, Craig W	Cotton Irrigation and Water Management Studies	GACCC		35000	
	Cotton Crop Management and Physiology	GACCC		37000	
	Defoliation Timing Using Cotman: Georgia	Cotton, Inc.	4240		
	Tillage Effects on Plant Available Water, Cotton Production, and Soil/water Quality	GACCC		15000	
	Effects of Cotton Maturity Classification on Episodic Drought Tolerance	GACCC		5000	
Boerma, Henry Roger	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			51450
	Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	UGARF	37230		
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			51450
	Soybean Genetic Diversity to Increase Yield and Improve Resistance to Frogeye Leaf Spot	USDA			53855
	License and Cooperation Agreement	Asgrow/hartz	40500		
	Development of Low-saturated Low-linolenic Soybean Cultivars-II, Maturity Group VII & VIII	USDA			77500

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	Development of Low-saturated Low-linolenic Soybean Cultivars-II, Maturity Group VII & VIII	USDA			77500
Bouton, Joseph H	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	39954		
	Bioenergy Crop Breeding and Production Research in the Southeast	UT-Battelle LLC	25000		
	Animal Testing of Georgia 5 and Jesup Tall Fescue with Non-toxic Endophytes	Pennington Seed Co	98968		
	Selecting and Testing for Alfalfa Cultivars from Pioneer's Cultivars	Pioneer Hi-bred Intl	8220		
Branch, William D	The Georgia Peanut Breeding Program	GACCP		10000	
	Enhancement of the Georgia Peanut Breeding Program	UGARF	35000		
Brown, Steven M	Cotton Education Program & Georgia "King Cotton" Award	GACCC		28000	
	Beltwide Cotton Conference Study Tour for County Agents	GACCC		15000	
	Cotton Field Demonstration Program	GACCC		21000	
Burow, Mark D	Development of Advanced Molecular Tools in Peanut	Peanut Foundation	12500		
Cabrera, Miguel L	Monitoring Water Quality in Experimental Production Systems under Irrigation	Inst NACL D Invs Agrop/Uraguay	16000		
	Nutrient Management - Development and Field Testing of a Phosphorus Index	USDA			130000
	Using Cover Crops in Irrigated No-till and Strip- till Cotton on Coastal Plain Soils	GACCC		8000	
	Development of a Rapid Field Method to Determine Available Nitrogen in Broiler Litter	US Poultry & Egg Association	21850		
	Aeration to Reduce Phosphorus Losses in Runoff from Pastures Fertilized with Broiler Litter	Us Poultry & Egg Association	27600		
Carrow, Robert N	Organic Matter Dynamics in the Surface Zone of a USGA Green: Practices to Alleviate Problems	US Golf Association	5000		
	Seashore Paspalum Ecotype Tolerance to Root Limiting Soil Stresses and Traffic Stresses	US Golf Association	25000		
	Organic Matter Dynamics in the Surface Zone of a USGA Green: Practices to Alleviate Problems	US Golf Association	10000		
	Turfgrass Wear-tolerance Studies	GA Turf Grass Foundation, Inc	9000		
Culpepper, Alfred Stanley	Methyl Bromide Alternatives: Can Halosulfuron Safely Control Nutsedge in Squash & Cucumber	University of Florida		4000	
Duncan, Ronny R	Genetic Enhancement of Paspalum for Recreational Turf	US Golf Association	25000		
	Enhancement of Paspalum Breeding Program for Sports Turf Usage	UGARF	37800		
	Development of Minimal Input Best Management Practice for Paspalum	US Golf Association	25000		
	Turfgrass Breeding Programs: Tall Fescue and Seashore Paspalum	GA Turf Grass Foundation, Inc	10000		
Earl, Hugh James	Physiological Restrictions to Cotton Leaf and Canopy Photosynthesis under Drought Stress	USDA			100000
	Interactions of Lesion Nematode Infection and Water Stress in Corn	GA Commodity Comm for Corn		7000	

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Eastin, E Ford	Emerging Technologies for Weed Management in Georgia Corn Production	GA Commodity Comm for Corn		16000	
Gascho, Gary J	Modification of Nitrogen Fertilization Following Broiler Litter	GA Commodity Comm for Corn		10000	
	Evaluation for Residual Effects of Broiler Litter	GACCC		6500	
	Determine the Cause and Develop Practices to Manage Black Root, an Undocumented Disease of Cotton	GACCC		30885	
	Evaluation for Potential of the Chlorophyll Meter for Nitrogen Management in Cotton	GACCC		3000	
Gates, Roger N	Development of Superior Bahiagrass Germplasm	UGARF	23075		
Hanna, Wayne W	Search for STRIGA Resistance in Cultivated and Wild Relatives of Pearl Millet	ICRISAT	7000		
	Development of Innovative Techniques and Principles That May Be Used as Models to Improve Plant Performance	US DOE			61183
	Development of Superior Pearl Millet Grain and Forage Hybrids	UGARF	34543		
Hartel, Peter G	Ribotype Source Library of Escherichia Coli Isolates from Georgia	GA Institute of Technology		15000	
Hill, Nicholas S	Rapid and Simple Testing for Perennial/annual Ryegrass Plants and Seed: How Plant Immunology Can Help the Oregon Seed	Agricultural Research Found	17000		
	Ergot Alkaloid Analysis in Milk and Urine of Mares Grazing MaxQ Tall Fescue	Pennington Seed Co	4110		
Hook, James E	Irrigation and Corn Production under Water Conservation Measures	GA Commodity Comm for Corn		19000	
Ingram, Keith T	Aspergillus Infection of Peanut in Relation to Pod Development Stage and Water Deficit	USDA			44100
	Peanut Traits for High Yields and Quality under Water-limited Conditions	GACCP		6000	
	Applications of Climate Forecasts to Sustainable Agricultural Systems -- Cfar Support to Ranet	University of Oklahoma		24999	
	Aspergillus Infection of Peanut in Relation to Pod Development Stage and Water Deficit	Peanut Foundation	2000		
	Environmental Benefits of Turfgrass Through Carbon Sequestration May Provide Economic Benefits to Growers	GA Turf Grass Foundation, Inc	5000		
	Identification of Peanut Germplasm with Resistance to Aflatoxin and Drought	USDA			12500
Johnson, Jerry W	Fusarium Head Blight Research/development of Wheat Cultivars with Scab Resistance Adapted to the Southeastern US	USDA			17561
	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	UGARF	40260		
Kvien, Craig K	Improving Water, Pest and Nutrient Management Tools for Improved Peanut Profitability	GACCP		5000	
Leclerc, Monique Y	Enhancement and Intercomparison of CO2 and H2O Measurements from Soil and Canopy at Two Ameriflex Sites	University of Alabama		117350	

Proposal Title		Agency	Source of Available Funds		
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	From Tower to Region: Integration of Patch-size Nee Using Experimental and Modeling Footprint Analysis	US DOE			444025
Lee, R Dewey	Technical Support for Extension Corn Improvement Team	GA Commodity Comm for Corn		35300	
	Corn Diagnostic Guide for Georgia	GA Commodity Comm for Corn		3000	
	Performance of Twin-row Planting of Corn as Compared to Traditional 36" Row and Ultra-narrow 20" Row Widths in Corn	GA Commodity Comm for Corn		2500	
	Effects of Planting Date and Hybrids on Yield and Aflatoxin Levels of Corn in Georgia	GA Commodity Comm for Corn		1750	
	Corn Extension Education Program Support for 1999	GA Commodity Comm for Corn		5000	
	High Residue Conservation Tillage System for Corn	GA Commodity Comm for Corn		2700	
May, Oscar Lloyd	Breeding Germplasm and Cultivars for Georgia Producers	GACCC		31000	
	Breeding Germplasm and Cultivars with Traits That Enhance Cotton Profitability for Georgia Producers	GACCC		31500	
Miller, William P	Coal Combustion and Organic By-product Blends	Electric Power Research Inst	292241		
Moore, J Michael	Printing Extension Tobacco Publications	GACCT		7000	
	Tobacco Education Program	Philip Morris	33600		
	Evaluating Bulk Tobacco Barns for Nitrous Oxide	GACCT		3000	
Parrott, Wayne Allen	Development of Alfalfa Tolerant to Aluminum Toxicity and Acid Solids	UGARF	45410		
	Soybean Tissue Culture and Genetic Engineering Center	Univ of Kentucky Research Found.	104044		
Paterson, Andrew H	Development and Mapping of Ssr Markers for the Diversification of Rosette Virus Resistance in Groundnut	ICRISAT	23000		
	Dissecting the Genetic Control of Floral Induction, Plant Height and Apomixis	USDA			290000
	Reducing the Genetic Vulnerability of Cotton	USDA			1000000
	Isolation of Peanut Resistance Gene Analogs and Evaluation of Their Role in TSWV and Other Diseases	GACCP		5000	
	Toward a Unified Map of Cotton and Arabidopsis	USDA			86762
	Fine-tuning of Novel Genetic Variation for Use in Georgia Cotton: Toward a New Adaptive Peak for Cotton Productivity and Quality	GACCC		41200	
	Fine-tuning of Novel Genetic Variation for Use in Georgia Cotton: Toward a New Adaptive Peak for Cotton Productivity and Quality	GACCC		20600	
	The Role of Transposable Elements in the Evolution of Polyploid Cotton	USDA			140000
	Resistance to Multiple Meloidogyne Species in Peanut	Texas A&m Research Found	15000		
	A Turfgrass Genome Project: Integration of Cynodon Chromosomes with Molecular Maps of the Cereals	US Golf Association	25000		
Prostko, Eric P	Peanut Response to Preplant Applications of 2,4-d	GACCP		3000	
	Yield Performance of Herbicide-resistant Corn Hybrids in Georgia	GA Commodity Comm for Corn		10500	
Raymer, Paul L	Development of Herbicide Resistant Canola Cultivars	UGARF	25000		
Segars, William I	Ribotyping to Identify Host Source Origin of Fecal Coliforms in Georgia	GA EPD		90000	

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Shuman, Larry M	Nitrogen and Phosphorus Leaching and Runoff from Golf Greens and Fairways	US Golf Association	25000		
	Phosphorus Leaching and Runoff from Golf Greens and Fairways	GA Turf Grass Foundation, Inc	4000		

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Adriano, Domy C	Natural Attenuation of Meals along the Tisza River-floodplains-wetlands Continuum	National Science Foundation			48450
Armbrust, Kevin L	Calibration of Computer Model Scenarios for Pesticide Runoff and Leaching in Turfgrass Environments	US Golf Association	25000		
Baldwin, John A	Georgia Green and At-201 Planted Early and Late by Strip Tillage Methods with or Without a Cover Crop and Mulch	GACCP		2000	
	Effect of Variable Width Twin Row Pattern on Yields, Grade and TSWV Incidence of Several Peanut Varieties	GACCP		2000	
	County Agents Attend APRES	GACCP		3000	
	Interdisciplinary Approach to Evaluating Peanut Cultivars Planted by Conventional and Reduced Tillage Methods Twin vs Single Row Patterns, and Various Irrigation Strategies	GACCP		85000	
Beasley, John P.	Development and Implementation of Field Adaptive Research Model (Farm) to Improve Profitability	GACCP		3000	
	Development, Evaluation, and Economic Feasibility of Systems for Planting, Producing, and Harvesting Peanut in Multiple Row Spacings	GACCP		35000	
	UGACES Educational Programs	GACCP		6000	
Bednarz, Craig W	Breeding Germplasm for Irrigated Cotton Production Systems	GACCC		31000	
	Determining Cotton Variety Maturity Classification and its Effect on Adaptation to the Southeastern Coastal Plain	Cotton, Inc.	12000		
	Cotton Crop Management and Physiology	GACCC		37000	
	Effects of Cotton Maturity Classification on Episodic Drought Tolerance	GACCC		5000	
Boerma, H. Roger	Soybean Genetic Diversity to Increase Yield and Improve Resistance to Frogeye Leaf Spot	USDA			53855
	Science Crops Project	American Assn of Agronomy	2280		
	Mapping Genes Conditioning Superior Meal Attributes and Development of High-protein Multiple Pest Resistant Varieties	USDA			27675
	Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	UGARF	47900		
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			36916
	Mapping Genes Conditioning Low-saturated Mid-18:1 Low 18:3 in Soybean and Developing MgVII VII Varieties	USDA			68144

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	Mapping Genes Conditioning Superior Meal Attributes and Development of High-protein Multiple Pest Resistant Varieties	USDA			22140
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			29533
	Mapping Genes Conditioning Low-saturated Mid-18:1 Low 18:3 in Soybean and Developing MgVII VII Varieties	USDA			54515
	IAEA Fellowship: Application of SSR Markers for Screening Soybean Lines for Aluminum Tolerance and Seed Shattering	Natl Research Council	9000		
Bouton, Joseph H	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	39916		
	White Clover for Southeast USA	Ag Research USA Limited	85108		
	Bioenergy Crop Breeding and Production Research in the Southeast	UT-Battelle LLC	30000		
	Bioenergy Crop Breeding and Production Research in the Southeast	UT-Battelle LLC	65000		
	Selecting and Testing of Red Clover Cultivars for Renovation of Pastures in Physicogeographic Region S of the Southeastern United States from Wrightson Cultivar	Wrightson Research	16440		
	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	20925		
Branch, William D	The Georgia Peanut Breeding Program	GACCP		15000	
	Enhancement of the Georgia Peanut Breeding Program	UGARF	35000		
Brown, Steven M	Cotton Field Demonstration Program	GACCC		21000	
	Cotton Education Program and Georgia "King Cotton" Award	GACCC		28000	
	Beltwide Cotton Conference Study Tour for County Agents	GACCC		15000	
Cabrera, Miguel L	Using Cover Crops in Irrigated No-till and Strip-t Ill Cotton on Coastal Plain Soils	GACCC		8000	
Carrow, Robert N	Sensor-based Technology for Turfgrass Systems	Toro Company	50000		
	Organic Matter Dynamics in the Surface Zone of a USGA Green: Practices to Alleviate Problems	US Golf Association	5000		
Chee, Peng Wah	Development of Transgenic Cotton Cultivars Adapted to Georgia Environments	GACCC		19750	
	Development of Transgenic Cotton Cultivars Adapted to Georgia Environments	GACCC		39500	
	Development of Cotton Cultivar for Georgia and Enhanced Fiber Length Proteries	UGARF	30962		
Duncan, Ronny R	Development of Southern-adapted Tall Fescue	Landmark Seed Company	5000		
	Genetic Enhancement of Paspalum for Recreational Turf	US Golf Association	25000		
	Turfgrass Breeding Programs: Tall Fescue and Seashore Paspalum	GA Turf Grass Foundation, Inc	4000		
	Development of Minimal Input Best Management Practice for Paspalum	US Golf Association	25000		
Earl, Hugh James	Interactions of Lesion Nematode Infection and Water Stress in Corn	GA Commodity Comm for Corn		5000	
	Request for Funding to Travel to Cimmyt-Mexico and Cimmyt-Zimbabwe	Rockefeller Foundation	3600		

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Gascho, Gary J	Determine the Cause and Develop Practices to Manage Black Root, an Undocumented Disease of Cotton	GACCC		22500	
	Determine the Cause and Develop Practices to Manage Black Root, an Undocumented Disease of Cotton	GACCC		1946	
	Effect of High Poultry Litter Rates on Peanuts and Residual Effects on Following Crops and Soil Quality	GACCP		12495	
	Tillage and Poultry Litter Effects on Peanuts	Auburn University		8330	
Gates, Roger N	Development of Superior Bahiagrass Germplasm	UGARF	28254		
Hanna, Wayne W	Development of Superior Pearl Millet Grain and Forage Hybrids	UGARF	45500		
Hartel, Peter G	Ribotyping to Determine the Host Origin of Fecal Contamination in Georgia's Coastal Waters	GA DNR		65985	
Hill, Nicholas S	Speciation and Transruminal Movement of Tall Fescue Ergot Alkaloids	USDA			240000
Hook, James E	Peanut Irrigation	GACCP		8000	
	Developing Cultivars with Resistance to Leaf Spot and Tomato Spotted Wilt Virus	GACCP		8000	
Ingram, Keith T	Environmental Benefits of Turfgrass Through Carbon Sequestration May Provide Economic Benefits to Growers	GA Turf Grass Foundation, Inc	1000		
Kissel, David E	Sprinkler Irrigation as a Remediation Tool for Stripping TCE and PCE from Contaminated Ground-water : Evaluation of the Use of Low-volume Micro-sprinkler Emitters and Drip Irrigation Systems	USDA			14954
	Using Precision Farming Techniques to Protect Water Quality and Improve Ecosystem Sustainability	GA Soil/water Conservation Com		70500	
Kvien, Craig K	Improving Management Tools	GACCP		5000	
Leclerc, Monique Y	Atmospheric Turbulence Measurements Related to Aircraft Pesticide Deposition and Drift	USDA			35000
	Cross Regional Enhancement of Co2 Flux at Three Ameriflux Sites in the Presence of Flow Circulation	University of Alabama		127600	
	Impact of Canopy Nitrogen Deposition on Forest Carbon Storage: a Manipulative Experiment	USDA			19912
Lee, R Dewey	University of Georgia Corn Extension Education Program Support Request for 2001	GA Commodity Comm for Corn		5000	
	High Residue Conservation Tillage System for Cotton	GACCC		2750	
	The Feasibility of Double cropping Corn Using Transgenic Hybrids	GA Commodity Comm for Corn		2000	
	Reducing Risk of Drought in Dryland Production Systems by Matching Silking Dates with Highest Probability Rainfall Patterns	GA Commodity Comm for Corn		3500	
	Technical Support for the UGA Extension Corn Improvement Team	GA Commodity Comm for Corn		36300	
	A Comparison of Single, Twin and Narrow Row Width Planting Systems in Corn and its Affect on Corn Yield and Agronomic Characteristics	GA Commodity Comm for Corn		2000	
	High Residue Conservation Tillage System for Corn (Renewal 2001)	GA Commodity Comm for Corn		800	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
May, Oscar Lloyd	Sources of and Potential Remedies for Variation in Fiber Properties as Influenced by Variety and Plant Density	GACCC		10000	
	Breeding Cultivars and Germplasm with Enhanced Yield and Quality	GACCC		30750	
	Transgenic and Non-transgenic Cotton Production Systems in Georgia	Cotton, Inc.	20000		
	UGA Foundation - Staple Cotton Cooperative Association Dr. Lloyd May	UGA Foundation	1500		
Moore, J Michael	Tobacco Education Program	Philip Morris	33600		
	Evaluating the Operating Efficiency Fo Heat Exchangers in Bulk Tobacco Barns	GACCT		3000	
	Printing Extension Tobacco Publications	GACCT		7000	
Parrott, Wayne Allen	Soybean Tissue Culture and Genetic Engineering Center	Univ of Kentucky Research Found	93535		
	Development of Alfalfa Tolerant to Aluminum Toxicity and Acid Solids	UGARF	47000		
Paterson, Andrew H	UGA Foundation - Staple Cotton Cooperative Association Dr. Andrew Paterson	UGA Foundation	2520		
	Toward Standards for DNA Fingerprinting of Turfgrass Cultivars	GSDC		52553	
	Genetic and Molecular Analysis of Expressed-sequence Tags (ESTS) Implicated in Sugarcane Growth and Productivity	International Cons Sugarcane Bio-US	15000		
	Cloning of Sh1, a Gene Responsible for Shattering of the Cereal Inflorescence	USDA			180000
	Synthetic Retrovectors for DNA Transformation	USDA			25000
	Cloning and Characterization of Rhizome Specific Genes	USDA			250000
	A Turfgrass Genome Project: Integration of Cynodon Chromosomes with Molecular Maps of the Cereals	US Golf Association	25000		
	UGA Foundation - Staple Cotton Cooperative Association Dr. Andrew Paterson	UGA Foundation	1000		
	A Web-based Informatics Resource for Reducing Field Genetic Vulnerability in Cotton	GACCC		20000	
	Development of Genomic Tools & Resources for Brassica Oleracea	University of Wisconsin		154883	
	Development and Mapping of Ssr Markers for the Diversification of Rosette Virus Resistance in Groundnut	ICRISAT	28000		
Pittman, Roy	An Interdisciplinary Approach to Mid-generation (F2-f4) Selection of Peanuts for Multiple Insect and Disease Resistance Derived from Bolivian Germplasm	GACCP		4000	
	Using AFLP Marker Recovery Technology to Develop Linkage Maps and Study Population Structure in Cultivated Peanuts: an Interdisciplinary Approach	GACCP		4000	
Prostko, Eric P	Yield Performance of Herbicide-resistant Corn Hybrids in Georgia	GA Commodity Comm for Corn		10000	
	The Effect of Pre and Post Herbicides on the Development of TSWV	GACCP		3000	
Radcliffe, David E	GA Stream Buffer Initiative	Upper Ocmulgee River RC & D		124794	
	Threshold Soil Phosphorus Levels in a Benchmark Soil of the Southern Piedmont	North Carolina State Univ		8760	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Fate and Transport of Sex Hormones from Poultry Litter Applied to till and No-till Cropping Systems	USDA			29281
Ravmer, Paul L	Development of Herbicide Resistant Canola Cultivars	UGARF	30000		
Shuman, Larry M	Phosphorus Leaching and Runoff from Golf Greens and Fairways	GA Turf Grass Foundation, Inc	4000		
	Modeling Nitrogen and Phosphorus Runoff and Leaching from Golf Courses Using Przm3/exams2	US Golf Association	90000		
Smith Jr, Albert E	USDA RF ARS Water Qlty Smith	USDA			4235

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Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Adriano, Domy C	Natural Attenuation of Meals along the Tisza River-floodplains-wetlands Continuum	National Science Foundation			7300
Armbrust, Kevin L	Calibration of Computer Model Scenarios for Pesticide Runoff and Leaching in Turfgrass Environments	US Golf Association	25000		
Baldwin, John A	Modifications Planters and Peanut Inverters for Planting and Harvesting Narrow Row Peanuts	GACCP	16000	16000	
	County Agents Attend Apres	GACCP	4000	4000	
	Effect of Variable Width Twin Row Pattern on Yields, Grade and TSWV Incidence of Several Peanut Varieties	GACCP	20000	20000	
	Interdisciplinary Approach to Evaluating Peanut Cultivars Planted by Conventional and Reduced Tillage Methods Twin vs Single Row Patterns, and Various Irrigation Strategies	GACCP		85000	
	Effects of Winter Cover Crops and Crop Rotations on Peanut Yield, Insect and Disease Incidence in Strip-tilled Peanuts	Auburn University		12000	
Beasley, John P	Microclimatic & Atmospheric Factors Affecting Pean Ut Growth, Yield Quality	GACCP	40000	40000	
	A Multi-state Project to Sustain Peanut and Cotton Yields by Incorporating Cattle in a Sod-Based Rotation	Auburn University		57217	
	Improving Peanut Competitiveness Through Water Management by Drip Irrigation Using Twin and Single Rows in a Two-year Cotton Rotation	Auburn University		13000	
	Development, Evaluation, and Economic Feasibility of Systems for Planting, Producing, and Harvesting Peanut in Multiple Row Spacings	GACCP	25000	25000	
	UGA CES Educational Programs	GACCP		12000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Effect of Peanut Cultivar, Row Pattern, and Nematicide Treatment of Yield, Grade and Value of Peanuts Produced under Peanut Root-knot...	GACCP	6000	6000	
Bednarz, Craig W	Determining Cotton Variety Maturity Classification on its Effect on Adaptation to the Southeastern Coastal Plain	Cotton, Inc.	13000		
	Irrigation Frequency Versus Irrigation Volume	GACCC	18750	18750	
	Cotton Fiber Quality 2002	USDA			374145
	Timing of Initial and Final Irrigations in Cotton	GACCC	18750	18750	
	Cotton Crop Water Use	GACCC	30000	30000	
	Timing of Initial and Final Irrigations in Cotton	GACCC	37500	37500	
	Irrigation Frequency Versus Irrigation Volume	GACCC	37500	37500	
Boerma, Henry Roger	Mapping Genes Conditioning Low-saturated Mid-18:1 Low 18:3 in Soybean and Developing MgVII VVII Varieties	USDA			43570
	Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	UGARF	49150		
	Soybean Genetic Diversity to Increase Yield and Improve Resistance to Frogeye Leaf Spot	USDA			107700
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			22151
	Science Crops Project	American Assoc of Agronomy	1260		
	Mapping Genes Conditioning Superior Meal Attributes and Development of High-protein Multiple Pest Resistant Varieties	USDA			18029
	Mapping Genes Conditioning Superior Meal Attributes and Development of High-protein Multiple Pest Resistant Varieties	USDA			36058
	Science Crops Project	American Assoc of Agronomy	2970		
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			40608
	Mapping Genes Conditioning Low-saturated Mid-18:1 Low 18:3 in Soybean and Developing MgVII VII Varieties	USDA			40886
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			32487
	Mapping Genes Conditioning Low-saturated Mid-18:1 Low 18:3 in Soybean and Developing MgVII VII Varieties	USDA			87142
	Mapping Genes Conditioning Superior Meal Attributes and Development of High-protein Multiple Pest Resistant Varieties	USDA			16604

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Bouton, Joseph H	Developing White Clover Cultivars for the Southern Great Plains	Samuel Roberts Noble Found	50000		
	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	43620		
	Animal Testing of Georgia 5 and Jesup Tall Fescue with Non-toxic Endophytes	Pennington Seed Co	24742		
Branch, William D	Enhancement of the Georgia Peanut Breeding Program	UGARF	35000		
	Georgia Peanut Breeding Program	GACCP	14636		
Brown, Steven M	Beltwide Cotton Conference Study Tour for County Agents	GACCC	15000		
	Cotton Education Program and Georgia "King Cotton" Award	GACCC	25000		
	Cotton Field Demonstration Program	GACCC	35000		
Carrow, Robert N	Evaluation of Turfgrasses for Low Light and Shade Conditions	GA Turf Grass Foundation, Inc	2500		
	Sensor-based Technology for Turfgrass Systems	Toro Company	51200		
Chee, Peng Wah	Development of Cotton Cultivar for Georgia and Enhanced Fiber Length Proteries	UGARF	32885		
	Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton: a Valuable Tool for Breeding Nematode Resistant Cultivars	GACCC	13500		
	UGA Foundation Research Initiative Chee Staple Cotton Coop	UGA Foundation	1400		
	UGA Foundation Research Initiative Chee Staple Cotton Coop	UGA Foundation	1600		
Culpepper, Alfred Stanley	UGA Foundation Research Initiative Stanley Culpepper Staple Cotton Cooperative	UGA Foundation	600		
	UGA Foundation Research Initiative Stanley Culpepper Staple Cotton Cooperative	UGA Foundation	1400		
	Ir-4 Performance Trials Project on Pendimethalin, Carfentrazone, Pyrthitobac, Treflan on Okra; Sulfentrazone on Cantaloupe and Watermelon	University of Florida		7000	
	UGA Foundation Research Initiative Stanley Culpepper Staple Cotton Cooperative	UGA Foundation	600		
	Determine Bell Pepper and Nutsedge Response to Sandea, Brawn, Basagran, Dual Magnum, and Sulfentrazone Applied Alone and in Various ...	GA Fruit & Veg Growers Assoc	3000		
Duncan, Ronny R	Genetic Enhancement of Paspalum for Recreational Turf	US Golf Association	25000		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Turfgrass Breeding Programs: Tall Fescue and Seashore Paspalum	GA Turf Grass Foundation, Inc	2000		
	Turfgrass Breeding Programs: Tall Fescue and Seashore Paspalum	GA Turf Grass Foundation, Inc	2000		
	Development of Minimal Input Best Management Practice for Paspalum	US Golf Association	25000		
	Development of Southern-adapted Tall Fescue	Landmark Seed Company	20000		
Earl, Hugh James	Changes in Gene Expression Accompanying Physiological Responses to Drought Stress in Cotton	GACCC		26500	
Gascho, Gary J	Calibration of Soil Test Calcium with Modern Cultivar, Yield, Grade, and Germination	GACCP		32000	
	Effect of High Poultry Litter Rates on Peanuts and Residual Effects on Following Crops and Soil Quality	GACCP		12495	
Grey, Timothy Lane	Evaluation of Reduced Tillage Roundup Ready Soybean Weed Control Following Metribuzin Wheat Systems Using Residual Herbicides and Narrow Row Spacing	GACCS		5033	
Hanna, Wayne W	Georgia Seed Development Corporation	UGARF	30954		
	Development of Superior Bahiagrass Germplasm Pi Chgd 04/21/03	UGARF	31656		
	Development of Superior Pearl Millet Grain and Forage Hybrids	UGARF	21200		
Hook, James E	Irrigated Corn Production and Water Conservation Measures	GA Commodity Comm for Corn		10000	
Johnson, Jerry W	Development of Wheat Cultivars with Scab Resistance Adapted to the Southeastern U.S.	USDA			15514
	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	UGARF	49900		
Leclerc, Monique Y	Cross Regional Enhancement of Co2 Flux at Three Ameriflux Sites in the Presence of Flow Circulations	University of Alabama		147753	
	Impact of Canopy Nitrogen Deposition on Forest Carbon Storage: a Manipulative Experiment at the Howland Ameriflux Site	USDA			20250
	Preliminary Investigation of Local Meteorological Factors Affecting the Transport of Ozone and Their Precursors Around the Griffin Area	GA Institute of Technology		20000	
	From Tower to Region: Integration of Patch-size Nee Using Experimental and Modeling Footprint Analysis	US DOE			201212
Lee, R Dewey	University of Georgia Corn Extension Education Program Support Request for 2002	GA Commodity Comm for Corn		4000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Development of Aflatoxin and Drought Tolerant Inbred/hybrids for Georgia and the Southern U.S.	GA Commodity Comm for Corn		25000	
	Technical Support for the UGA Extension Corn Improvement Team	GA Commodity Comm for Corn		36400	
May, Oscar Lloyd	Agronomic Evaluation on Intra and Interspecific Introgression Populations of up Land Cotton	Cotton, Inc.	12000		
	Transgenic and Non-transgenic Cotton Production Systems-Georgia	Cotton, Inc.	23000		
	Agronomic Evaluation on Intra and Interspecific Introgression Populations of up Land Cotton	Cotton, Inc.	10000		
	Georgia Seed Development Corp	UGARF	27923		
	UGA Foundation - Staple Cotton Cooperative Association Dr. Lloyd May	UGAFoundation	3000		
	UGA Foundation - Staple Cotton Cooperative Association Dr. Lloyd May	UGA Foundation	155		
Miller, William P	Coal Combustion and Organic By-product Blends	Electric Power Research Inst	20000		
	Utilization of Flue Gas Desulfurization Gypsum for Enhancement of Turfgrass Drought Avoidance	Southern Company Services	59870		
	Utilization of Flue Gas Desulfurization Gypsum for Enhancement of Turfgrass Drought Avoidance	Southern Company Services	10723		
Moore, J Michael	Printing Extension Tobacco Publications	GACCT		7000	
	Funding and Support of Extension Tobacco On-farm Demonstrations	GACCT		14000	
Morgan, Robert N	Economic, Weight Gain and Carcass Trait Effects of Grazing Weaned and Finishing Calves on Conventional Peanut Forage	GACCC		3000	
Parrott, Wayne Allen	Molecular Approaches to Insect Resistance	USDA			
	The Soybean Tissue Culture and Genetic Engineering Center	University of Kentucky		98276	
Paterson, Andrew H	Cotton SNPS Research	Aventis	288810		
	Molecular Characterization of Qtl's Affecting Earliness and Fiber Characteristics of Egyptian Cotton	USDA			23500
	UGA Foundation - Staple Cotton Cooperative Association Dr. Andrew Paterson	UGA Foundation	3480		
	Isolation of Peanut Resistance Gene Analogs & Evaluation of Their Role in TSWV and Other Diseases	GACCP		5000	
	Fine-tuning of Novel Genetic Variation for Use in Georgia Cottons: Toward a New Adaptive Peak for Cotton Productivity and Quality	GACCC		52436	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Toward Standards for DNA Fingerprinting of Turfgrass Cultivars	GSDC		52000	
	Bac Resources for Comparative Biology in Selected Angiosperms	National Science Foundation			400000
	Chromosomal and Subgenomic Distribution of Genetic Diversity in Polyploid Cotton	USDA			140000
	Fellowship for Dr. Hari Singh - DNA Marker Technology and its Application	Rockefeller Foundation	99092		
	A Turfgrass Genome Project: Integration of Cynodon Chromosomes with Molecular Maps of the Cereals	US Golf Association	25000		
Pittman, Roy	Screening for Genes Involved in Resistance to Tomato Spotted Wilt in Cultivated Peanut	GACCP		20000	
	Interdisciplinary Peanut Systems Approach: Breeding for Increased Yield, Virus & Other Disease Resistance & Increased Oleic Fatty	GACCP		10000	
Prostko, Eric P	The Effect of Classic on the Development of Tomato Spotted Wilt Virus	GACCP		4000	
Raymer, Paul L	Endowment-UGA Foundation Burton	UGA Foundation	943		
	Development of Herbicide Resistant Canola Cultivars	UGARF	30000		
Segars, William I	Field-testing Enterococcus Faecalis to Distinguish Between Human and On-human Sources of Fecal Contamination in Georgia's Waters	GA EPD		100000	
Shuman, Larry M	Modeling Nitrogen and Phosphorus Runoff and Leaching from Golf Courses Using Przm3/exams2	GA Turf Grass Foundation, Inc	2000		
Vencill, William K	Improving Pesticide Utilization Efficiency in Cotton	GACCC		20000	
Waltz Jr, Freddie Clinton	Evaluation of Bermuda, Tall Fescue, Centipede and Zoysiagrass Cultivars for Variations of Irrigation, Mowing, Fertilization...Golf Courses	GA Turf Grass Foundation, Inc	8500		
West, Larry T	Soil Properties Influencing Performance of On-site Wastewater Management Systems in Georgia (Contract #427-93-26119)	GA DHR		26393	
	Soil Properties Influencing Performance of On-site Wastewater Management Systems in Georgia	GA DHR		33660	

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Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Andrae, John G	Proposed and Contingency Label Use Rate Validation for Crop Safety in Roundup Ready Alfalfa	Monsanto	9000		
Baldwin, John A	County Agents to Attend Apres	GACCP		5000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Interdisciplinary Approach to Evaluating Peanut Cultivars Planted by Reduced Tillage Methods in Twin Row Patterns Using Small Grain Cover Crops	GACCP		35000	
Beasley, John P	Development, Evaluation & Economic Feasibility of Systems for Planting, Producing & Harvesting Peanut in Multiple Row Spacings	GACCP		15000	
	Managing Peanut Production Inputs to Improve Profitability	GACCP		16000	
	Application of Micrometeorological Technology to Determine Environmental Stress Affecting Peanut Growth, Yield and Quality	GACCP		4000	
Bednarz, Craig W	Enhancing Fiber Quality of Southeastern U.S. Cotton I: Equipment Request	GACCC		170000	
	Determining Cotton Variety Maturity Classification and its Effect on Adaptation to the Southeastern Coastal Plain	Cotton, Inc.	13000		
	Georgia Cotton Crop Physiology and Management	GACCC		51000	
	Enhancing Fiber Quality of Southeastern U.S. Cotton II: Labor Request	GACCC		150000	
	Cotton Fiber Quality 2002	USDA			
	Cotton Crop Management and Physiology	GACCC		49000	
Boerma, Henry Roger	Development of Lo-saturated Substitutes for Partially Hydrogenated Soybean Oil	USDA			149130
	Mapping Genes Conditioning Superior Meal Attributes and Development of High-protein Multiple Pest Resistant Varieties	USDA			18029
	Drought Stress Tolerance in Georgia	USDA			87714
	Development of Hi-pro Soybean Meal with Enhanced Functionality and Feeding Efficiency	USDA			57700
	Mapping Genes Conditioning Low-saturated Mid-18:1 Low 18:3 in Soybean and Developing MgVII VII Varieties	USDA			43571
	Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	UGARF	49150		
	Soybean Genetic Diversity to Increase Yield and Improve Resistance to Frogeye Leaf Spot	USDA			111908
	Molecular Tagging of Drought Resistance Genes in Soybean	USDA			24365
Bouton, Joseph H	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	43620		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Branch, William D	Enhancement of the Georgia Peanut Breeding Program	UGARF	35000		
	The Georgia Peanut Breeding Program	GACCP		15000	15000
Brown, Steven M	Cotton Education Programs	GACCC		32000	
	Cotton Field Demonstration Program	GACCC		19000	
	Beltwide Cotton Conference Study Tour	GACCC		15200	
Cabrera, Miguel L	Nutrient Management - Development and Field Testing of a Phosphorus Index for Georgia	USDA			15000
	Laboratory and Field Investigation of the Processes Affecting Phosphorus Speciation and Dynamics in Grasslands Fertilized with Animal ...	USDA			308500
Carrow, Robert N	Evaluation of Turfgrasses for Low Light and Shade Conditions	GA Turf Grass Foundation, Inc	8000		
	Sensor-based Technology for Turgrass Systems	Toro Company	20000		
	Sensor-based Technology for Turgrass Systems	Toro Company	51156		
	Evaluation of Turfgrasses for Low Light and Shade Conditions	GA Turf Grass Foundation, Inc	2000		
Chee, Peng Wah	Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton: a Valuable Tool for Breeding Nematode Resistant Cultivars	GACCC		13500	
	Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton: a Valuable Tool for Breeding Nematode Resistant Cultivars	GACCC		14500	
	Development of Transgenic Cotton Cultivars Adapted to Georgia Environments	GACCC		39500	
	Development of Transgenic Cotton Cultivars Adapted to Georgia Environments	GACCC		39500	
Culpepper, Alfred Stanley	Ir-4 2003 Performance Trials-dCPA, Napropamid, Oxyflufen,s-metolachar, Dimethenamid-p, Trisulfurem on Collards & Mustard: Prometryn...	University of Florida		13500	
	Can Cotton Growers Effectively Manage Tropical Spiderwort in Roundup Ready Cotton	GACCC		8500	
	Methyl Bromide Alternatives: Do They Exist for Pepper?	GA Fruit and Vegetable Found	5000		
	Suppression of Weeds and Other Pests in Fresh Market Vegetables Using a Wild Radish Cover Crop	Clemson University		14940	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Roundup Ready Cotton Response to Staple plus Glyphosate or Envoke Applied Topically	GACCC		4800	
	Weed Management in Roundup Ready Flex Cotton	Monsanto	4000		
	UGA Foundation Research Initiative Stanley Culpepper Staple Cotton Cooperative	UGA Foundation	2000		
	Do Late Post Emergence Applications of Roundup Adversely Affect Fiber Quality of Roundup Ready Cotton	GACCC		6400	
	Does Glyphosate Applied Topically to Round-up Ready Cotton after the Five Leaf Stage Effect Fiber Ready?	GACCC		6000	
Devos, Katrien Martha	Characterization of Genetic Diversity in Finger Millet (Eleusine Coracana)	Kansas State University		95366	
	Development of High Yielding Disease Resistant and Drought Tolerant Finger Millet (Eleusine Coracana Gaetrn.) Genotypes	Mcknight Foundation	72206		
Gascho, Gary J	Determine the Cause and Develop Practices to Manage Black Root, an Undocumented Disease of Cotton	GACCC		20000	
	Determine the Cause and Develop Practices to Manage Black Root, an Undocumented Disease of Cotton	GACCC		20000	
	Determine the Cause and Develop Practices to Manage Black Root, an Undocumented Disease of Cotton	GACCC		20000	
	Calibration of Soil Test Calcium with Modern Cultivar Yield, Grade and Germination	GACCP		30000	
Grey, Timothy Lane	Evaluation of Reduced Tillage Roundup Ready and Roundup Ready-sts Soybean Following Mesosulfuron Wheat Systems or Annual Ryegrass Control	GACCS		2000	
Hanna, Wayne W	Development of Superior Pearl Millet Grain and Forage Hybrids	UGARF	23100		
	Develop and Evaluate New Triploid Bermudagrass Hybrids	GA Turf Grass Foundation, Inc	7500		
	Development of Superior Pearl Millet Grain and Forage Hybrids	UGARF	29819		
Hartel, Peter G	Field-testing Targeted Sampling and Enterococcus Faecalis to Identify Human Fecal Contamination in Three National Estuarine Research Reserves	University of New Hampshire		183107	
Hill, Nicholas S	Fine Mapping Fhb and Don Quantitative Trait Loci and Associations with Immunochemical Quantification of Fusarium Graminearum	American Malting Barley Assn	3000		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Hook, James E	Irrigated Corn Production and Water Conservation Measures	GA Commodity Comm for Corn		9000	
Johnson, Jerry W	Development of Wheat Cultivars with Scab Resistance Adapted to the Southeastern U.S.	USDA			19512
	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	UGARF	65013		
Jost, Philip H	Evaluations of Skip-row Cotton Production as a Means to Reduce Production Costs	GACCC		7000	
Leclerc, Monique Y	From Tower to Region: Integration of Patch-size Nee Using Experimental and Modeling Footprint Analysis	US DOE			200935
	Cross Regional Enhancement of Co2 Flux at Three Ameriflux Sites in the Presence of Flow Circulations	Univ of Alabama at Birmingham		151442	
	Impact of Canopy Nitrogen Deposition on Forest Carbon Storage: a Manipulative Experiment at the Howland Ameriflux Site	USDA			20655
Lee, R Dewey	Technical Support for the UGA Extension Corn Improvement Team	GA Commodity Comm for Corn		37050	
	Reducing Aflatoxin in Corn with Field Application of Competitive Strains of Atoxigenic Aspergillus Sp	GA Commodity Comm for Corn		11000	
	University of Georgia Corn Extension Education Program Support Request for 2003	GA Commodity Comm for Corn		7000	
	High Residue Conservation Tillage System for Cotton	GACCC		1800	
May, Oscar Lloyd	Georgia Seed Development Corp	UGARF	29319		
	Agronomic Evaluation in Intra and Interspecific Introgression Populations of Upland Cotton	Cotton, Inc.	10000		
	Breeding Germplasm and Cultivars with Traits That Enhance Cotton Profitability for Georgia Producers	GACCC		32000	
	Transgenic and Non-transgenic Cotton Production Systems-Georgia	Cotton, Inc.	23000		
	2003 RR Fles/bg11 Stack Field Efficacy Trial	Monsanto	10000		
Miller, William P	Utilization of Flue Gas Desulfurization Gypsum for Enhancement of Turfgrass Drought Avoidance	Southern Company Services	54436		
Moore, J Michael	Tobacco Education Program	Philip Morris	33600		
	Funding for Printing Extension Tobacco Publications	GACCT		7000	
	Funding in Support of Curing Barn Evaluations for Co2 Levels	GACCT		2000	

		Proposal Title	Agency	Source of Available Funds		
				Private	State	Federal
		Funding in Support of Extension Tobacco on Farm Demonstrations	GACCT		14000	
Parrott, Wayne Allen		The Soybean Tissue Culture and Genetic Engineering Center	University of Kentucky		81675	
Paterson, Andrew H.		Fine-tuning of Novel Genetic Variation for Use in Georgia Cottons Toward a New Adaptive Peak for Cotton Productivity & Quality: a Focus on Drought	GACCC		46100	
		Toward Standards for DNA Fingerprinting of Turfgrass Cultivars	GSDC		51600	
		Discovery of Stress-responsive Cynodon Genes by CDNA Sequencing & Expression Profiling	US Golf Association	30000		
		Development of Genomic Tools & Resources for Brassica Oleracea	University of Wisconsin		153666	
		Comparative Analysis of Functional and Anonymous Genetic Diversity in Pearl Millet and Sorghum: a Foundation for Accelerated Direct (Gene-based) and	Kansas State University		100000	
		Discovery and Evaluation of SNP Variation in Resistance-gene Analogs and Other Candidate Genes in Cotton	Consortium for Plant Biotech Res	44000		
		Development of Genomic Tools & Resources for Brassica Oleracea	University of Wisconsin		150145	
		A Turfgrass Genome Project: Integration of Cynodon Chromosomes with Molecular Maps of the Cereals	US Golf Association	25000		
Prostko, Eric P		An Economic Comparison of Reduced Rate and Conventional Peanut Weed Management Systems	GACCP		5000	
Radcliffe, David E		Watershed Restoration Action Strategy - North Fork Broad River Watershed	Chestatee-Chattnooga River Res	121560		
		A Framework for Trading Phosphorus Credits in the Lake Allatoona Watershed	USDA			550000
Raymer, Paul L		Development of Herbicide Resistant Canola Cultivars	UGARF	41500		
		Breeding of Seashore Paspalum for Recreational Turf Use	US Golf Association	30000		
Vencill, William K		Evaluating and Managing Risk for Early Session Insect Infestations in Conservation Tillage Cotton under Recommended Weed Management Plans in Georgia	GACCC		15000	
		Biology and Management of Texas Panicum in Corn	GA Commodity Comm for Corn		2500	
Waltz, Clint		Evaluation of Bermuda, Tall Fescue, Centipede and Zoysiagrass Cultivars for Variations of Irrigation, Mowing, Fertilization...Golf Courses	GA Turf Grass Foundation, Inc	15900		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
West, Larry T	Soil Properties Influencing Performance of On-site Wastewater Management Systems in Georgia (Contract #427-93-36226)	GA DHR		53460	
	Evaluation of Permeability Estimates for Soils in the Southern Piedmont in Georgia	USDA			64000
	Quantification of Relationships Between Redoximorphic Features and Duration of Saturation for Soils in Mlra 128 (Ridge and Vally)	USDA			4950
Williams, Mark A.	Microbial Physiological and Community-level Responses to Water Stress in Soil	USDA			89200

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Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Andrae, John G	Proposed and Contingency Label Use Rate Validation for Crop Safety in Roundup Ready Alfalfa	Monsanto	6000		
Baldwin, John A	Evaluating New Peanut-bahiagrass Opportunities	GACCP		4000	
	On-farm Result Demonstrations Conducted by Georgia Co. Agents and Reports to Georgia Producers Through an Annual Peanut Update Booklet	GACCP		3000	
	County Agents to Attend Apres in 2004	GACCP		5000	
Beasley, John P	Tri-state Peanut Research	Auburn University		55000	
	Identifying Optimum Maturity for New Peanut Genotypes with Either Normal or High Oleic Oil Chemistry and the Effect of Maturity and Calcium Concentration on Final Yield, Grade, Seed Germination and Flavor	Peanut Foundation	30000		
	Evaluation of Newly Released Cultivars for Adaptability to Southeast Growers' Fields	GACCP		45000	
	Optimizing Farm Profits with New Multi-disease Resistant Cultivars	Auburn University		20000	
	Improving Peanut Competitiveness Through Water Management by Drip Irrigation Using Twin and Single Rows in a Two-year Cotton Rotation	Auburn University		1500	
	University of Georgia Agronomic Research and Extension Program	GACCP		20000	
	Large-seeded Runner - Type Cultivar Response to Supplemental Calcium	GACCP		21000	
Application of Micrometeorological Technology and Remote Sensing to Determine Environmental Stress Affecting Peanut Growth Yield and Quality	GACCP		10000		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Bednarz, Craig W	Cotton Fiber Quality	USDA			417884
	Effect of an Upper Limit Temperature Threshold on Heat Unit Calculations, Defoliation Timing, Yield and Fiber Quality: GA	Cotton, Inc.	6000		
	Effect of Cultivar Type and Seed Size on Stability of Yield and Fiber Properties	Cotton, Inc.	20000		
	Yield, Quality and Profitability of Cotton Produced with Subsurface Drop Versus Overhead Sprinkler Irrigation Systems	Cotton, Inc.	15000		
Boerma, Henry Roger	Identification and Utilization of Exotic Germplasm to Improve Soybean Productivity	USDA			90076
	Molecular Tagging of Drought in Georgia	USDA			1000
	Development of Lo-saturated Substitutes for Partially Hydrogenated Soybean Oil	USDA			149130
	Development of Soybean with a Superior Meal for Georgia Poultry	GACCS		16600	
	Molecular Tagging of Drought in Georgia	USDA			56244
	Effect of a Major Protein QTL on Seed Yield and Amino Acid Content in Elite Soybean Cultivars	American Seed Research Found	20500		
	Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	UGARF	50100		
	Drought Stress Tolerance in Georgia	USDA			87714
	Development of Hi-pro Soybean Meal with Enhanced Functionality and Feeding Efficiency	USDA			57700
	Development of a Superior Meal for Georgia Poultry	GACCS		6000	
Bouton, Joseph H	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	44040		
	White Clover for Southeast USA	Ag Research USA Limited	14000		
	White Clover for Southeast USA	Ag Research USA Limited	42000		
	Developing Turf Type Tall Fescue Cultivars for the Southeast	Athens Seed, Lawn & Garden,inc	10000		
Branch, William D	Enhancement of the Georgia Peanut Breeding Program	UGARF	35000		
	The Georgia Peanut Breeding Program	GACCP		20000	
Brown, Steven M	Cotton Field Demonstration Program	GACCC		26500	
	Cotton Education Program	GACCC		26000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Beltwide Cotton Conference Study Tour for County Agents	GACCC		15000	
Cabrera, Miguel L	Using Cropping Alternatives to Improve Water Quality in High-nutrient Status Farms	USDA			60000
	Using Cover Crops in Irrigated No-till and Strip- till Cotton on Coastal Plain Soils	GACCC		6200	
	Fate of Urea and an Experimental Urea-based Fertilizer Applied to Grasslands in Georgia	Georgia-pacific Foundation	91572		
Carrow, Robert N	Sensor-based Technology for Turfgrass Systems	Toro Company	73776		
Culpepper, Alfred Stanley	Can Cotton Growers Effectively Manage Tropical Spiderwort in Roundup Ready Cotton	GACCC		9500	
	Can Cotton Growers Effectively Manage Tropical Spiderwort in RR Cotton?	GACCC		9500	
	2004 Performance Trials	University of Florida		9500	
	Weed Management in Roundup Ready Flex Cotton	Monsanto	5000		
	Methyl Bromide, How Much Longer Will it Be Available in Georgia	GA Fruit and Vegetable Found	6000		
	Roundup Ready Cotton Response to Staple plus Glyphosate or Envoke Applied Topically	GACCC		4800	
	To Present Training to State Participants	University of Florida		3000	
	Will Postemergence Directed Herbicide Applications Be Needed after the Commercialization of Roundup Flex Cotton	GACCC		5800	
	Replacing Methyl Bromide Using Integrated Systems Including Mulches, Herbicides, and Soil Fumigants	USDA			419318
Devos, Katrien Martha	Development of High Yielding Disease Resistant and Drought Tolerant Finger Millet (Eleusine Coracana Gaertn.) Genotypes	Mcknight Foundation	27500		
	Development of High Yielding Disease Resistant and Drought Tolerant Finger Millet (Eleusine Coracana Gaertn.) Genotypes	Mcknight Foundation	22041		
Hanna, Wayne W	Development of Improved Pearl Millet Inbreds for Producing New Disease Resistant Grain Hybrids.	UGARF	29819		
Hartel, Peter G	Potato Creek TMDL Implementation Plan Revision	Macintosh Trail Regional Dev Ct	129994		
Hill, Nicholas S	Validating a Rapid Immunological Test for Fusarium Graminearum	USDA			14634
Hook, James E	Efficient Irrigation Strategies for Corn and Corn-based Rotations	GA Commodity Comm for Corn		12000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Johnson, Jerry W	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	UGARF	51763		
	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	UGARF	16350		
	Evaluation of Hard Wheat Adapted to the Southeast	Auburn University		10000	
	Enhancement of Scab Resistant Wheat Cultivars Adapted to the Southeast	USDA			39024
Jost, Philip H	Cotton Pest Management in a Bollgard II/roundup Ready Flex Cotton System	Monsanto	5000		
	Soybean Extension Education Program	GACCS		10000	
	Soybean Extension Education Programs	GACCS		16000	
Karnok, Keith J	GCSAA Wetting Agent Eval	Environmental Inst for Golf	20000		
Knapp, Steven J	Evolutionary Geonomics of the Compositae	Indiana University		213789	
	Characterization of Latex Rubber in Lettuce: Post Doctoral Fellowship for Bradley S. Bushman	USDA			110000
	Genomics and Genetics of Nutritionally Important Traits in Sunflower	USDA			344769
Leclerc, Monique Y	From Tower to Region: Integration of Patch-size Nee Using Experimental and Modeling Footprint Analysis	US DOE			200976
Lee, R Dewey	Technical Support for the Corn Improvement Team	GA Commodity Comm for Corn		38400	
	University of Georgia Corn Extension Education Program Support Request for 2004	GA Commodity Comm for Corn		7500	
	A Yield and Economic Analysis Study of Four Row Widths and its Impact on Corn	GA Commodity Comm for Corn		1000	
	The Feasibility of Double-cropping Corn Using Bt Conventional and Sub-tropical Hybrids	GA Commodity Comm for Corn		2750	
	Reducing Aflatoxin in Corn with Field Applications of Competitive Strains of Atoxigenic Aspergillus Sp. And Other Biological Agents	GA Commodity Comm for Corn		11500	
May, Oscar Lloyd	2004 Roundup Ready Flex Cotton Agronomic Trial	Monsanto	10000		
	Agronomic Evaluation of Intra- and Interspecific Introgression Populations of Upland Cotton	Cotton, Inc.	10000		
	Agronomic Evaluation of Intra- and Interspecific Introgression Populations of Upland Cotton	Cotton, Inc.	15000		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Breeding Germplasm and Cultivars with Traits That Enhance Cotton Profitability for Georgia Producers	GACCC		37000	
	Transgenic and Non-transgenic Cotton Production Systems - Georgia	Cotton, Inc.	25000		
	Georgia Seed Development Corp	UGARF	39386		
	Assess Marketability and Brand Image of Georgia Cotton with a Top U.s. User	GACCC		36500	
	International Cotton Genome Initiative (ICGI)	USDA			5000
Moore, J Michael	Tobacco Education Program	Philip Morris	33600		
	Funding in Support of Extension Program Efforts	GACCT		5000	
	Printing Extension Tobacco Publications and Posters	GACCT		7500	
Murphy, Timothy R	Seashore Tolerance to Herbicides.	UGARF	5000		
Parrott, Wayne Allen	Soybean Tissue Culture and Genetic Engineering Center	University of Kentucky		81675	
	Incorporation of Aluminum Tolerance into Alfalfa	Samuel Roberts Noble Found	44999		
	Center for Soybean Tissue Culture and Genetic	United Soybean Board	339114		
Paterson, Andrew H	Cap Conference Proposal: Translational Genomics for Cotton	USDA			12000
	New Resistance Genes and Diagnosis Markers for Peanut	Consortium for Plant Biotech Res	20000		
	New Resistance Genes and Diagnostic Markers for Peanuts	Peanut Foundation	2000		
	Discovery and Evaluation of SNP Variation in Cotton	Consortium for Plant Biotech Res	100000		
	Sample-sequencing Strategy for Structural Analysis of the Cotton Genome	USDA			30000
	Discovery of Stress-responsive Cynodon Genes by CDNA Sequencing & Expression Profiling	US Golf Association	30000		
Prostko, Eric P	Economic Comparison of Weed Management Strategies for Texas Panicum Control in Field Corn	GA Commodity Comm for Corn		5500	
	Tropical Spiderwort Management for Peanuts	GACCP		5000	
Raymer, Paul L	Breeding of Seashore Paspalum for Recreational Turf Use	US Golf Association	30000		
	Protocol #2003ip188 (2003 Insect Protected Soybean Agronomic Field)	Monsanto	7050		
	Development of Herbicide Resistant Canola Cultivars	UGARF	5000		
	Development of Vegetative and Seeded Cultivars of Seashore Paspalum	UGARF	30000		
	A National Canola Cultivar Development Program to Identify Adapted Canola Cultivars to Improve Efficiency and Grower Profitability	University of Idaho		15284	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Evaluation of Flue Cured Tobacco Breeding Lines and Cultivars for Tomato Spotted-wilt Virus Resistance	GACCT		2145	
Vencill, William K	Impact of Alternative Herbicide and Insecticide/ Nematicide Programs on Weeds, Early Season Insects and Plant Feeding Nematodes in Strip Tillage Cotton	GACCC		12500	
	Biology and Management of Weeds in Corn	GA Commodity Comm for Corn		2500	
Waltz Jr, Freddie Clinton	Incorporation of Sand or Inorganic Amendments into Poorly Performing Putting Greens Using Deep-tine Cultivation	Environmental Inst for Golf	8000		
	Warm Season Turfgrass Evaluations of Vitamin Fertilizer	Georgia Pacific Corporation	16170		
West, Larry T	Soil Properties Influencing Performance of On-site Wastewater Management Systems in Georgia	GA DHR		35255	

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Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Andrae, John G	Proposed and Contingency Label Use Rate Validation for Crop Safety in Roundup Ready Alfalfa	Monsanto	6000		
Beasley, John P	Large-seeded Runner-type Cultivar Response to Supplement Calcium	GACCP		25000	
	A Multi-state Project to Sustain Peanut and Cotton Yields by Incorporating Cattle in a Sod Based Rotation	Auburn University		40000	
	Identification of Physiological and Genetic Responses Associated with Tomato Spotted Wilt Virus in Cultivated Peanuts	USDA			5000
	On-farm Result Demonstrations Conducted by Georgia County Agents	GACCP		3000	
	Reports to Georgia Producers Through an Annual Peanut Update Booklet	GACCP		3000	
	Double Cropping Systems and Crop Rotations for Strip-till Peanut	GACCP		10700	
	University of Georgia Agronomic Research and Extension Programs	GACCP		20000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Evaluating Peanut Cultivars Planted by Conventional and Reduced Tillage Methods and Twin vs Single Row Patterns	National Peanut Board	18000		
	Evaluation of Newly Released Cultivars for Adaptability to Southeast Growers' Fields	GACCP		35000	
	County Agents Attend Apres	GACCP		5000	
	Measurements of Co2 Nocturnal Respiration as an Indicator of Stress Response in Peanuts...	GACCP		24700	
Bednarz, Craig W	Cotton Irrigation and Defoliation Management Using Remote Sensing	GACCC		46485	
	Effect of Cultivar Type and Seed Size on Stability of Yield and Fiber Properties	Cotton, Inc.	20000		
	Vacuum Harvesting System for Cotton	Cotton, Inc.	10000		
	Crop Management and Physiology	GACCC		51000	
	Monsanto Cotton States Conventional and Transgenic Variety Trials	Monsanto	15000		
Boerma, Henry Roger	Development of Hi-pro Soybean Meal with Enhanced Functionality and Feeding Efficiency	USDA			57700
	Molecular Breeding for High Value and Superior Pest Resistant Soybean Cultivars	UGARF	52000		
	Confirmation, Fine Mapping, and Commercialization of Yield Enhancing Alleles from a Japanese Germplasm	United Soybean Board	145500		
	Drought Stress in Georgia	USDA			94000
	Confirmation, Fine Mapping, and Commercialization of Yield Enhancing Alleles from a Japanese Germplasm Line	United Soybean Board	115000		
	Development of Improved L-star Soybean	Southern Soy Development Corp	145596		
	Development of Low-saturated Substitutes for Partially Hydrogenated Soybean Oil	USDA			165110
	Identification and Utilization of Exotic Germplasm to Improve Soybean Productivity	USDA			65280
	Effect of a Major Protein Qtl on Seed Yield and Amino Acid Content in Elite Soybean Cultivars	American Seed Research Found	21500		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
Bouton, Joseph H	Animal Testing of Advanced Forage Experiments Before Their Release as Cultivars. Tall Fescue Cultivars.	UGARF	39040		
Branch, William D	Enhancement of the Georgia Peanut Breeding Program	UGARF	35000		
	The Georgia Peanut Breeding Program	GACCP		15000	
Brown, Steven M	Cotton Education Programs and Georgia "King Cotton" Award	GACCC		31000	
	Yield Quality and Profitability of Cotton Produced with Subsurface Drip Versus Overhead Sprinkler Irrigation Systems	Cotton, Inc.	15000		
	Demonstration of Cotton Varieties Containing the Roundup Ready Flex Cotton Trait	Monsanto	4000		
	Cotton Field Demonstration Program	GACCC		25500	
	Beltwide Cotton Conference Study Tour for County Agents	GACCC		18000	
Carrow, Robert N	Sensor-based Technology for Turfgrass Systems: 2005	Toro Company	49300		
Chee, Peng Wah	Georgia Seed Development Corp	UGARF	39386		
	Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton	GACCC		14500	
	Development of Diagnostic Markers for Root-knot Nematode Resistant Genes in Cotton	Cotton, Inc.	53912		
	Development of Transgenic Cotton Cultivars Adapted to Georgia Environments	GACCC		39800	
Culpepper, Alfred Stanley	Weed Management in Round-up Ready Flex Cotton	Monsanto	10000		
	Multi-discipline Research to Be Conducted at the Tifton Vegetable Park (TVP) During Spring and Fall 2005	GA Fruit and Vegetable Found	3000		
	Herbicide Evaluation in Carrots, Broccoli, Cabbage, Collard and Strawberry	University of Florida		11500	
	UGA Scientists Attend & Conduct Educational Programs in Cooperation with Ir4	University of Florida		3000	
	Cotton, Weed and Insects Response to Roundup, Roundup plus Dual Magnum or Roundup plus Staple Mixed with Various Insecticides and Applied ...	GACCC		7000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Ir-4 2005 Liaison Support/provide Training to State Participants	University of Florida		3000	
Devos, Katrien Martha	Development of High Yielding Disease Resistant and Drought Tolerant Genotypes of Finger Millet (Eleusine Coracana Gaertn) Genotypes	Mcknight Foundation	29843		
	Travel Funds to Enable Developing Country Scientists to Attend the Plant and Animal Genome Xiv	Rockefeller Foundation	10000		
	Travel Grants for Attendance of Developing Country Scientist to the Plant and Animal Genome Meetings	Rockefeller Foundation	10000		
	Training of a Developing Country Scientist in the Generation and Mapping of Microsatellite Markers in Finger Millet	Kirkhouse Trust, Uk	18000		
	Training of a Developing Country Scientist in the Application of SSR Markers to Access the Bio- Diversity in a Sample of Cultivated & Wild Finger	Kirkhouse Trust, Uk	18000		
	Comparative and Functional Analysis of Genes Affecting Plant Height	Pioneer Hi-bred Intl	74000		
Hartel, Peter G	Combining Targeted Sampling and Bacterial Source Tracking to Identify Sources of Fecal Contamination Responsible for Beach Advisories on the Georgia Coast	GA DNR		104076	
	Combining Targeted Sampling and Fluorometry to Identify Sources of Fecal Contamination to the Sapelo Island National Estuarine Research Reserve	Us Department of Commerce			19965
Johnson, Jerry W	Enhancement of Scab Resistant Wheat Cultivars Adapted to the Southeast	USDA			33915
	Expedite the Gene Introgression in Winter Wheat Genetic Sources for Value-added Traits in Small Grains	UGARF	65288		
Jost, Philip H	Crop Safety O Fmon 3539 in Roundup Ready Flex Cotton	Monsanto	3000		
	Transgenic and Non-transgenic Cotton Production Systems II Georgia	Cotton, Inc.	25000		
	Cotton Plant Density: Impacts on Fiber Quality	GACCC		9000	
	Cotton Growth Regulators and Yield Enhancers	GACCC		6000	
	Cotton Plant Growth Regulators and Yield Enhancers	GACCC		7000	
	Cotton Replanting Decisions	GACCC		4000	

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Cotton Plant Density: Impacts on Fiber Quality	GACCC		10000	
	Cotton Replanting Decisions	GACCC		3000	
	Controlling Asiatic Soybean Rust with Variable Rate Fungicide Applications	Mississippi State University		92700	
Knapp, Steven J	Georgia Seed Development Research	UGARF	38360		
	Development of New Medium-chain Oils for the Us Chemical Industry	Procter & Gamble Company	200000		
	Molecular Tools for Disease Resistance Breeding in Peanut	GACCP		10000	
	Comparative Geonomics of the Compositae	Indiana University		291333	
	Molecular Breeding Tools and Genomics Resources for Peanut	Peanut Foundation	10000		
Leclerc, Monique Y	From Tower to Region: Integration of Patch-size Nee Using Experimental and Modeling Footprint Analysis	US DOE			70105
	Improvement of the Accuracy of Carbon Flux Measurements by Using a Combination of Numerical Modeling and Field Measurements	Tulane University	174738		
	From Tower to Region: Integration of Patch-size Nee Using Experimental and Modeling Footprint Analysis	US DOE			200963
Lee, R Dewey	Technical Support for the Corn Improvement Team	GA Commodity Comm for Corn		39300	
	Univ of Georgia Corn Extension Education Program and Applied Research Support Request for 2005	GA Commodity Comm for Corn		9250	
May, Oscar Lloyd	Transgenic and Non-transgenic Cotton Production Systems-Georgia	Cotton, Inc.	25000		
Miller, William P	Utilization of Flue Gas Desulfurization Gypsum for Enhancement of Turfgrass Drought Avoidance	Southern Company Services	17681		
	Utilization of Flue Gas Desulfurization Gypsum for Enhancement of Turfgrass Drought Avoidance	Southern Company Services	39905		
Moore, J Michael	Studies on Flue-cured Tobacco in Support of Florida Tobacco Products	University of Florida		12000	
	Tobacco Education Program	Philip Morris	33600		
Murphy, Timothy R	Seashore Tolerance to Herbicides.	UGARF	5000		
Parrott, Wayne Allen	Soybean Tissue Culture and Genetic Engineering Center	United Soybean Board	339114		

Proposal Title		Agency	Source of Available Funds		
			Private	State	Federal
	Incorporation of Aluminum Tolerance into Alfalfa	Samuel Roberts Noble Found	44999		
Paterson, Andrew H	Isolation of Peanut Resistance Gene Analogs, and Evaluation of Their Role in Disease and Insect Resistance	GACCP		7000	
	Discovery of Stress-responsive Cynodon Genes by CDNA Sequencing & Expression Profiling	US Golf Association	30000		
Prostko, Eric P	Tropical Spiderwort Management in Peanut	GACCP		4000	
	Tropical Spiderwort Control in Corn with Lay-by Herbicides	GA Commodity Comm for Corn		3000	
	The Influence of Herbicides on Peanut Yield, Grade, and Seed Quality	National Peanut Board	15000		
Raymer, Paul L	Development of Vegetative and Seeded Cultivars of Seashore Paspalum	UGARF	60000		
	Breeding of Seashore Paspalum for Recreational Turf Use	US Golf Association	30000		
	Development of Herbicide Resistant Canola Cultivars	UGARF	7750		
Vencill, William K	Weed Management in Herbicide Resistant Corn	GA Commodity Comm for Corn		2500	
	Emerging Cotton Weed Control Issues and Impact of Alternative Insecticide/nematicide Programs on Early Season Insects and Plant Feeding ...	GACCC		7000	
	Improved Chemical Control of Chinese Tallow (Sapium Sebiferum)	USDA			46000
West, Larry T	Dhr Environmental Health Specialist Training Program	GA DHR		60638	
	Soil Properties Influencing Performance of On-site Wastewater Management Systems in Georgia	GA DHR		8672	
	Quantification of Seasonal Saturation and Saturated Hydraulic Conductivity for Selected Soils in MLRA 128 in Georgia	USDA			9999