

The materials listed in this document are available for research at the University of Illinois Archives. For more information, email <u>illiarch@illinois.edu</u> or search <u>http://www.library.illinois.edu/archives/archon</u> for the record series number.

8/2/9

Agricultural, Consumer, and Environmental Sciences Experiment Station Office of Research Grant and Proposal Reports File, 1963-2000

<u>Box 1:</u>

01-103 The Development of a System for Public Participation in Plant

- 01-105 A Proposal to Implement Phase 1 of a Stratsoy (Thompson)
- 01-224 N of Selected Food Spoilage Micro-organism

01-606 Intensive Commercial Aquaculture (Warner) Folder 2

01-606 Intensive Commercial Aquaculture (Warner) Billing Folder

01-606 Intensive Commercial Aquaculture (Warner) USDA - Environmental Research

01-691 ISU Aquaculture Invoice Vouchers

05-136 An Electronic Research Proposal Submission System

05-138 Evaluation of Dry Matter Basis Grain Marketing

05-143 Empirical Evidence of Changes In Agricultural Commodity Markets After

Liberation (Winter-Nelson)

05-208 Farmland Assessment Data (Chicoine)

05-224 Modeling the Financial Performance of Illinois Farms (Lins)

05-234 Watershed Management, Equity and Balancing the Environmental

05-417 Price Response to Improved Corn Quality (Hill, Bender)

05-431 Improving Watershed Planning Using GIS and Other Planning Aids (Farnsworth)

05-602 On-Farm Adaption of Integrated Crop and Livestock Systems

05-717 India - NATP/DASP (Swanson)

05-812 Evaluation of Market Advisory Services for Agricultural Commodities (Irwin)

10-131 Effect of Drainage System Layout on Yield, Yield Uniformity and Water Quality

10-153 Odor and Dust Reduction in Ventilation

- 10-155 Affect of Degermination Conditions of the Quality of Dry
- 10-156 Crop Monitoring Using A Unique Multispectral Imaging Sensor

10-157 Illinois Center for Agricultural Geographic Excellence (Hirschi)

10-158 Electrohydraulic Implement Adaptive Controls for Earthmoving Equipment (Zhang)

10-715 Application of Pollution Prevention Technology (Christianson)

12-108 Development of Soy Oil Formulations to Control Mosquitos

12-503 European Microsporadia as Biological Control Agents of the Gypsy Moth in North America

- 15-101 Generation Advance and Field Eval of Soybean Breeding Lines (Nickell)
- 15-103 Expression of Flovonoid Pathways Genes in Soybean (Vodkin)
- 15-105 Placing Molec, Biochem, Path and Morph Markers of the Soy Gene Map (Hymowitz)
- 15-106 Densities and Hernicide Rates for No-Till Drilled Soybeans (Mainz)
- 15-107 Methods for Predicting Protein Content in Breeding Lines (Rayburn, A.L.)
- 15-108 Ethylene Insensitivity and Other Disease Resistance
- 15-111 Screening for Ethylene Insensitive
- 15-114 Ryegrass Studies in Southern Illinois
- 15-125 Development of an Educational Program

15-130 Soybean Breeding and Genetics

15-131 The Effect of Corn Production Variables on Wet Milling

15-132 Waterhemp Management Programs for Soybeans 15-138 No-Tillage Weed Management Systems in Roundup

15-139 Corn Inbred Tolerance to Various Herbicides

15-146 Isolation of Novel Antimutagens and Anticarcinogens from Soybean Products and By-Products

15-149 Research Agreement with Mbnsanto

15-150 Pollen Competition High-Oil Selection and Hi-Oil Tassel Combing Ability Experiments

15-153 Research Agreement (Bernard) Identity Seed and Grain Company

15-156 Tissue-Specific Promoters Useful for Disease Resistance Strategies

15-157 Soybean Improvement by Genetic Transformation (Widholm, Vodkin)

15-158 Sponsored Research Agreement (Below) Donlar Corporation

15-168 Application of Restrict Fragment Length Polymorphism Technology to Corn

15-178 Soybean Extension Project (Pepper)

15-178 Molecular Marker Mapping and Marker Assisted Introgression of Genes

Enhancing Tocol and Cartotenoid Composition of Maize Grain (Rocheford)

15-179 Generation Advance and Field Evaluation of Soybean Lines

15-195 Development of a Soybean Genome Mao (Hymowitz, Singh)

<u>Box 2:</u>

15-199 Evaluation of Phosphate- Lime Slurry for its Efficacy as a Liming Source

15-199 Soybean Breeding and Genetics

15-222 Improvement Of Soybean Production In The Tropics, Subtropics (Jackobs)

15-226 Establishing Forage Species for High Yields

15-238 Forage Crop Variety Trials

15-245 Effects of Iron Oxidation State on the Fate and Behavior of Potassium in Soils

15-273 Tillage and Potassium Placement Effects on Potassium Use Efficiency

15-275 Phosphorus and Potassium Fertilization of Corn Grown in Residue - Free

15-276 Consideration of Farmer Perception of Risk, Rainfall Probability and Realistic

15-283 On Farm Evaluation of Variable Rate 15-286 Isolation of Novel Antimutagens and Anticarcinogens

15-289 Effect of Nitrogen Fertilization on Accumulation and Release of Readily

15-294 Exploring the Benefits of Fungal Endophytes in Soybean (Chen)

15-295 The Use of Grain Protein Content to Monitor Nitrogen (Lambert)

15-405 Development and Characterization of Soybean Sudden Death (Hartman)

15-406 Enhancing Value of Corn for Alcohol Production by Increasing Starch Concentration in the Kernel

15-415 Production Research to Increase Soybean Yield (Hart)

15-423 No-Till Practices for Efficient Northern United States

15-425 Enhancing Value of Corn Grain (Dudley, Rocheford) CPBR

15-427 Flow Cytometric Monitoring of Aquatic Ecosystems (Rayburn)

15-429 Development of a Corn Rootworm Areawide Management Program in

90Illinois and Indiana

15-441 North Central Soybean Cyst Nematode Regional Education Project (Kirby)

15-510 Trans-Acting Functions Mediating Ti Plasmid Transfer (Farrand)

15-842 Development of Outreach Publications for the NC Region PIAP

15-844 A Multi-State insecticide Use Survey in 1st Year Corn: Assessing

Producer Practices

35-109 Impact of Season, Halothane Genotype and Pre-Slaughter Handling

on Body Temperature and Its Relationship with Subsequent Meat Quality

35-111 Use of Ruminal In Situ-Precision Fed Rooster Assay to Evaluate Digestion

35-114 Mapping QTL Forage at Puberty, Ovulation (Ellis, Wheeling)

35-115 Nutritional Evaluation of Improved Quality (Parsons)

35-116 Corn Fiber Feeds for Cattle Diets (Faulkner)

35-122 Effects of Pre-Solvent Extraction Processing Method on Nutritional Value of Soybean Meal (Parsons)

35-125 Evaluation of Several Additives in Enhancing Milk Production and Feed Efficiency in Lactating Dairy (Clark)

35-134 Evaluating the Incidence of Napole Gene in a Sample of Hampshire Cross Pigs

35-135 Uptake and Utilization of Amino Acids by Porcine Mammary Tissue

35-136 Dietary Manipulation of the Swine Colonic Bacterial Population to Decrease Fecal Odor Components(Hassein)

35-136 Second Folder

35-137 A Multi-City Study of the Effects of Welfare Reform on Children (Jarrett)

35-205 Early Detection of Pregnancy and Litter Size in Pigs (Bahr)

35-209 Improving the Competitiveness of the Illinois Beef Industry (Faulkner)

35-414 Mod of the TNF Alfa Gene in Swine Embryonic Stem Cells via Homologous Recmbtn (Wheeler) BRCD

35-720 Host Mechanisms of Resistance and Susceptibility to BLV Infection (Lewin)

35-726 Genetic Analysis of Cellulase Expression (White) DOE

45-114 Emotion In Single Parent Families (Larson)

45-160 Family Processes and Community Contexts: African American

Family Life In Low-Income Neighborhoods (Jarrett)

50-103 The Use of Betaine-Homocysteine Methyltransferase Inhibitors as

Potential Inducers Of Hyperhomocysternemia in Rats

50-105 The Human Betaine-Homocystein Methltransferse: Prompter

50-110 Assessing the Cholesterol-Lowering and Antioxidant Effect of Prune Puree in Human Subjects

50-138 Optimizing Taste to Assure Acceptability Of Food Products Fortified With Potassium

50-144 Betaine: Homocysteine Methyltransferase (Garrow)

50-148 Technical Advisory Support From The University Of Illinois At Urbana-Champaign

50-161 Continuous Fermentation With Osmo-/Thermo-Tolerant Yeast (Cheryan)

50-170 Caribbean Soybean Utilization Regional Workshop

50-172 Reducing the Cost of Ethanol Production (Cheryan) Great Lakes

50-175 Interactive Effects of Sodium Lactate and Sodium Tripolyphosphate 50-176 Purification of Acetic Acid From Fermentation Broth 50-177 Examination of Corn Steep Liquor as a Substrate for Growth 50-178 Characterization of Clostridium Beijerinckii Hyper - Butanol Producing Mutants 50-179 Examination of corn Steep Liquor as a Substrate for Growth (Blaschek) 50-182 Improved Process for Extracting Zein-From Corn (Cheryan) 50-183 Examination of Solvent Production by Clostridium (Blaschek) 50-184 Instrumental Color Measurement Specifications And Factors Affecting 50-185 Impact Of Bilingual Nutrition Education Program Targeting 50-186 Membrane Applications In Corn Wet Milling 50-209 Development of Corn Derived Plastic Manufacturers 50-210 Reducing the Cost of Ethanol Production (Cheryan) IDENR 50-212 Development of a World Wide Web Based (Painter) C - FAR 95-10-1 50-213 Stimulating Functional Foods Research at the University of Illinois 5 0-214 Identifying Molecular Mechanisms by Which Dietary Soy Intake Reduces 50-215 Flavor and Composition of Selected Brassica Cultivars Varying 50-221 Stimulating Functional Foods Research and Education at UIUC (Hasler) 50-223 Using a Polymer Science Approach To Improve the Quality of Foods

50-229 Fabrication Process for Bio-Plastics from Corn Proteins

<u>Box 3:</u>

50-507 Animal Models for Human Carotenoid Metabolism (Erdman, Merchen)

50-511 Fractionation of Lecithins by Synthetic Membranes (Cheryan, Perkins)

50-514 Characterization of Clostridium (Blaschek)

50-718 Nutritional Regulation of Glucagon Expression (Shay, Gaskins)

50-724 Guidelines for Automatic Package Inspection: Determination of Critica L Seal Defects (Renewal)

55-841 Chicago Forest Stewardship Conference

60-138 A Longitudinal Study of Childhood Aggression & Anger

65-116 Detection of Open Water Area is Water Conservation Area 2A in the Florida Everglades

(Chinea) 65-117 Fatigue Test on Timber Bridge Stringers (Wood Micro-Structure)

- 65-118 Conrail Phase 1 ESA Assessment (Endress)
- 65-119 Summer Apprenticeship Program 1998 (Stucki)
- 65-121 Use of Soy Oil Formulations (Novak)

65-124 Fatigue Test On Timer Bridge Stringers (Wood Micro-Stucture) (Chow)

65-126 Evaluation of Novel Herbicides to Control POA Annua and POA Triviolis

65-127 Illinois Participatory Research Program (Anderson)

65-133 Land Management in the Tropics and Its Effect on the Global Environment (Chinea)

65-202 Production of Medicinally-Important Compounds for Vaccinium Species

65-205 A Geostatistical And Econometric Analysis Of Site-Specific Management

65-208 Simple Diffusion Methods to Determine (Mulvaney) FREC # 163

65-213 IL Council on Forestry Development Liason Activities IL Dept of Conservation

65-223 Cooperative Furbearer Research - Red Fox Studies

- 65-228 Composites From Recycled Plastics and Agricultural (Chow) C FAR 96-86
- 65-234 Soybean Constituents as Anti Fading Additives (Larson)
- 65-235 Development of an Apple Value Added Product: An Edible Vaccine
- 65-236 Sourcing, Analyzing, and Channeling New Demand for Anticarcinogenic
- 65-237 Assessing The Effects Of Constructed Wetlands On Mercury In Illinois Rivers
- 65-248 Internet Module on soil Biology for IL Farmers
- 65-249 Illinois Steward Magazine 1997 -1998
- 65-250 Logger Training 1997 1998
- 65-252 1998 Tri State Forest Stewardship Conference
- 65-253 Forest Herbicide Manual For Illinois Natural Resource Managers And Landowners (Bolii
- 65-258 Energy Efficiency of Farms In Central Illinois: An Input-Output Analysis (Onstad)
- 65-259 Breeding Bird Survey of Chauncey Marsh SNA, Lawrence County (Warner)
- 65-267 Improving Turfgrass Management Practices (Fermanian)
- 65-271 Habitat Development Strategies for Private Lands
- 65-273 Educational Specimen Development (Warner)
- 65-276 Continued Studies of the Effects of Iron Oxidation FREC #58 (Stucki)
- 65-286 Forest Stewardship Education Kit For Fourth and Fifth Grade Students (Brown)
- 65-287 Stewardship Week in Western Illinois (Brown)
- 65-291 Best Management Practices Guide (Brown)
- 65-292 Forest Landowner Information Exchange (Brown)
- 65-298 Grassland Bird Productivity Study (Warner)
- 65-408 Appropriate Agriculture Techniques and Systems for Illinois
- 65-422 Development of a Conceptual Framework for Sustainable Ecosystem Based
- 65-427 SARE Strategic Plan
- 65-706 1992 National Tall Fescue Test (Wehner, Haley)
- 65-707 1993 National Bentgrass (Greens) Test (Wehner)
- 65-824 Laboratory Host Specificity of Eurasian Gypsy Moth (Maddox)
- 65-824 Second Folder
- 68-127 Interaction of Soybean Roots with Soilborne Pathogens
- 68-127 Interaction of Soybean Roots with Soilborne Pathogens (Sinclair)
- 68-128 Toxin Purification and In Vitro Selec for Brown Stem Rot Resistance (Gray)
- 69-201 Exploring The Benefits Of Fungal Endophytes In Soybean (Chen)
- 70-201 Illinois Animal Health Monitoring System (Weigel)
- 70-202 Magnetic Resonance Imaging Facility in Vet Med (Clarkson)
- 70-208 A Quantitative Technique for the Evaluation (Clarkson)
- 70-213 Detection of Non-Neuronal Sites of Latent Virus Infection in Swine
- 70-214 PCR Detection of Toxigenic Pasteurella
- 70-215 Effect of Mastitis on Volume and lgG1 Concentration of Colostrum in Dairy Cows
- 70-215 Population Pharmacokinetics for Antibiotic Milk Discard Times
- 70-218 Characterization and Efficacy of a Bovine Enterocyte Receptor