8/2/16
Agriculture
Agriculture Experiment Station
North Central Region Research Project Files, 1972-94

Box 1:

NC 1: Proceedings of the Technical Committee Meeting, 1975, 1981, 1982
NC 120:Quality & Safety of Foods in Households & Foodservice Systems, 1984-88
NC 141: Chemical Changes in Atmospheric Disposition, 1976-79
NC 166: NC Regional IPM Planning, 1981-83
NC 167: Dietary Modifications Designed to Affect Lipid Metabolism, 1982-89
NCR 9 Midwest Plan Service, 1990-91
NCR 11: Human Development & the Family, 1981-88
NCR 23: Ag Land Values, 1984, 1990
NCR 32: Vascular Wilts of Forest and Shade Trees, 1981-88
NCR 36: Forage Crop Breeding, 1988
NCR 54: Family Housing, 1983-93
NCR 60: Soil Structure & Plant Growth, 1985-89
NCR 88: Feedlot Operation, 1986-93
NCR 94: Horses, Production, and Management, 1976-83
NCR 95 : Meat Processing and Additives, 1972-86
NCR 100: Seed Borne Diseases of Crucifers, 1975-90
NCR 104: Effective Energy Utilization on NC Farms, 1976-90
NCR 108: Employment & Income on Small Farms & in Rural Communities, 1978-81
NCR 109: Planning for Rural Community Services & Facilities, 1978-80
NCR 110: Impact of Energy Use & Development on Natural Resources, 1978-82
NCR 111: Natural Resources Use & Environmental Policy (Folder 1 of 2), 1984-90
NCR 111: Natural Resources Use & Environmental Policy (Folder 2 of 2), 1978-84
NCR 112: Energy Use in Food & Fiber Systems, 1978-85
NCR 113: Farm & Financial Management, 1979-93

Box 2:

NCR 114: Crop Residues: Alternate Energy Source, 1979-85
NCR 115: Pseudorabies With Major Emphasis on Disease in Swine, 1979-90
NCR 116: Family Resource Management, 1979-93
NCR 117: Input Markets in Agriculture, 1979-81
NCR 118: Agalactia Syndrome of Sows, 1979-81
NCR 119: Applications of Mathematical Modeling to Studies of Insect Population Ecology, 1980-83
NCR 120: Systems Analysis in Animal Production, 1983-89
NCR 121: Safety of Food & Feeds Related to Animal Production, 1980-94
NCR 122: Institute of Food Technologists Annual Meeting, 1980-85
NCR 123: Agricultural Land Values, 1980-93
NCR 124: Fate & Interactions of Soil Pesticides Under Conservation Tillage, 1980-90

NCR 126: Soil & Water Conservation, 1981-83
NCR 127: Health Services in Rural Areas, 1982-93
NCR 128: Drainage, 1981-84
NCR 129: Erosion Mechanics & Sediment Control, 1981-93
NCR 130: Alcohol Production & Utilization, 1981-82
NCR 132: Utilization of Bulls for Red Meat Production, 1979-87
NCR 133: Home Economics Research Evaluation, 1983-88
NCR 135: Woody Biomass Energy Systems, 1984-91
NCR 139: Biotechniques Applied to Agriculture, 1983-86
NCR 140: Research on Cooperatives, 1983-94
NCR 141 : Leg Weakness in Poultry, 1985-88
NCR 142: Economics of Biotechnology: Implications for Agriculture and Food Industry, 1985-92
NCR 145: Livestock Waste Technology, 1986-90
NCR 146: Demographic & Community Change, 1986-92
NCR 147: Biotechnology of Woody Plants, 1986-92
NCR 153: Sensor Technology Development for Biological Systems, 1987-92
NCR 154: NCCI Computer Coordinating Committee, 1987-92
NCR 158: Adult Education in Agriculture Committee, 1989-94
NCR 160: Efficient Use of Water by Vegetation in Great Plains Environment, 1988-93
NCR 161: Forages for Dairy Cattle, 1988-92
NCR 163: Food Service Information on Yield, Cost, & Nutrition Content of Agricultural Products, 1989-92
NCR 164: Social Science Research Priorities, 1986-92
NCR 169: Detection, Ecology, and Management of Pathogenic & Beneficial Bacteria, 1990-93
NCCI North Central Computer Institute, 1985
North Central Dairy Forage Research Center, 1977-83
Memorandum of Understanding Between North Central Regional Center for Rural Development Iowa State University of Science & Technology and Illinois Ag Experiment Station, 1976-80, 1989

Box 3:

Ad Hoc Germplasm Committee
Agriculture Communications Committee
Executive Director, 1993 (Formerly Director - At - Large)
Director - At- Large, 1992
Director - At – Large, 1991
Director - At- Large, 1990
Director - At- Large, 1989
Directors' Meeting - November 1993, Washington, D.C.
Directors' Meeting - July 19 - 22 1993, Minneapolis, Minnesota
Directors' Meeting - March 16 - 18 1993, St. Louis, Missouri
Directors' Meeting - November 1992, New Orleans, Louisiana
Directors' Meeting - July 20 - 22 1992, Kansas City, Missouri
Directors' Meeting - March 16 - 18, 1992, Kansas City, Missouri

Directors' Meeting - November 1991, Washington, D.C.
Directors' Meeting - July 1991, Madison, Wisconsin
Directors' Meeting - March 12 - 14 1991, Indianapolis, Indiana
Directors' Meeting - March 1991
Directors' Meeting - November 1990
Directors' Meeting - November 11, 1990 Kansas City, Missouri
Directors' Meeting - July 1990 Lead, South Dakota
Directors' Meeting - March 13 - 15 1990, St. Louis, Missouri

Box 4:

Directors' Meeting - November 19, 1989, Washington, D.C.
Directors' Meeting - July 18 - 20, 1989, Wooster, Ohio
Directors' Meeting - March 15 - 17 1989, Grand Rapids, Michigan
Directors' Meeting General, 1987-1988
Benefits of Regional Research
Climate Center
Climate Center
Pesticide Impact Assessment Program Project/84-AGR-SBC-o/D-1867 303 Aviation
Physical Facilities Directors
Publication Lists
Research Committee
Research Policy
Rural Development, 1983, 1984, 1985
Rural Development, 1983, 1984, 1985
Sustainable Agriculture Project (Low-Input Agriculture)
USDA Water Management Lab
IR - 4 : Animal Drug Program
IR - 4 : Second Folder
IR - 4 : Review of Requests for IR Projects, FY 1983
IR - 4 : A National Program: Chemicals for Minor Use (Folder #1), 1972-75

Box 5:

IR - 4 : Chemicals for Minor Use (Folder #2), 1978-80
IR - 4 : Chemicals for Minor Use (Folder #3), 1981-82
IR - 6 : Regional and National Research and Planning Coordination
IR - 6 : Regional and National Research and Planning Coordination
IR - 6 : Information Reports (Permanent Copies)
IR - 6 : Information Reports (Extra Copies)
IR - 7 : Atmospheric Deposition - formerly NC - 141
IR - 7 : Atmospheric Deposition - formerly NC - 141
NC – 1: Improvement of Beef Cattle Through Breeding Methods, 1980-82
NC – 1: Improvement of Beef Cattle Through Breeding Methods, 1982-
NC – 2: Improving Dairy Cattle Through Breeding, 1982

NC – 2: Improving Dairy Cattle Through Breeding, 1983
NC – 7: New Plants - Introduction, Multiplication, Evaluation, 1982-

Box 6:

NC - 9 : Midwest Plan Service, 1987-89
NC - 62: Prevention and Control of Enteric Diseases of Swine
NC - 83: Seed Production of Breeding Lines of Insect Pollinated Legumes, 1971-81
NC - 83: Seed Production of Breeding Lines of Insect Pollinated Legumes, 1982-
NC - 93: Animal Waste Management Systems for the 1980's
NC - 94: Weather and Climate Research for Agricultural Decision-Making, 1976-83
NC - 95: Nutritional Impact of Fat-altered Diets
NC - 96: (Revised) Environmental Improvement Through Biological and Pest Management
NC - 97: Populations Redistribution in NC Region Pre and Post, 1970
NC - 98: Nutrient Management and Conservation Tillage, 1974-80
NC - 98: Nutrient Management and Conservation Tillage, 1981-
NC - 99: Forest Tree Improvement Through Selection, Breeding and Seed, 1971-84
NC - 103: Genetic Improvement Quality Pork, 1981-1982
NC - 103: Genetic Improvement Quality Pork, 1972-1980
NC - 105: Phenology and Genetics as Ecological Bases for European corn Borer, 1975-1985
NC - 109: Relating Soil Wetness to Selected Soil and Landscape Features, 1971-
NC - 111: Increased Efficiency of Sheep Production, 1971-81
NC - 113: Methods for Improvement of Fertility in Cows Post-Partum, 1972-81
NC - 114: Dynamics of Forage Production and Utilization by Beef, 1972-82

Box 7:

NC - 115: Nutrition of High Producing Dairy Cows
NC - 116: Pathogenesis, Bioecology and Control of Avian Respiratory, 1971-81
NC - 117: Organization and Control of U.S. Food Production, 1981-
NC - 118 (See Also W-124)
NC - 119: Improving Dairy Herd Management Practices, 1982-83
NC - 119: Improving Dairy Herd Management Practices, 1982
NC - 120: Food Quality and Energy Usage in Food Service Systems, 1983-
NC - 120: Second Folder
NC - 121: Integrating Crop Culture, Chemicals, and Life Cycles. . ., 1973
NC - 126: Forest and Recreation Resources in the U.S. (NC)
NC - 128: Quality of Life as Influenced by Area of Residence
NC - 129: Occurrence of Mycotoxins in Feed and Food, 1975
NC - 131: Factors Regulating Protein Synthesis, Degradation, 1975-84
NC - 132: Market Quality in Wheat, 1975 -
NC - 133: Function, Nutritive Composition, Quality, Stability, and Effecient ..., 1975-
NC - 135: Detection, Survival, Infection and Control of Phytobacteria, 1975-

Box 8:

NC - 137: Effect of Changes in Transportation on Performance of the U.S., 1976-
NC - 139: Economic Analysis of the US Grain Exporting System
NC - 139: Minutes and Reports, 1976 - 1981
NC - 139: Correspondence, 1981-82
NC - 139: Correspondence, 1980
NC - 139: Correspondence, 1979
NC - 139: Correspondence, 1978
NC - 139: Correspondence, 1977
NC - 139: Correspondence, 1976
NC - 140: Scion/Root Stock and Interstem Effects on Pome and Stone Fruit Trees, 1987
NC - 140: Scion/Root Stock and Interstem Effects on Pome and Stone Fruit Trees, 1985-86
NC - 140: Scion/Root Stock and Interstem Effects on Pome and Stone Fruit Trees, 1977-1984
NC - 141: Acid Rainfall Project (Folder 1)
NC - 141: Acid Rainfall Project (Folder 3)
NC - 141: Atmospheric Deposition (Folder 1)
NC - 141: Atmospheric Deposition (Folder 2)
NC - 143: Optimizing the Nutritional Utilization of Forages by Dairy, 1997-

Box 9:

NC - 144: Analysis of Multi-county Intergovernmental Units and Impacts on Local Government
NC - 145: Impact of Price Programs on Market Performance of the Dairy Industry - see NC 176
NC – 146: Communication Strategies to Improve Nutritional Practices of Families
NC - 147: Interaction of Nematode-Host Variability and Abiotic Factors on Crop Losses, 1987-
NC - 147: Second Folder
NC - 148: Analysis of Return to Agricultural and Related Research in NC Region
NC – 149: Pest Management/Leafhoppers, Spittlebugs, and Aphids on Alfalfa
NC - 150: Quality and Nutritive Value of Processed Potatoes
NC - 151: Marketing and Delivery of Quality Cereals and Oilseeds, 1988-
NC - 151: Second Folder
NC - 151: Marketing and Delivery of Quality Cereals and Oilseeds in Domestic and Foreign Market (1978-82) Folder 1
NC - 151: Marketing and Delivery of Quality Cereals and Oilseeds in Domestic and Foreign Market (1982-1984) Folder 2
NC - 151: Annual Progress Report
NC - 152: (formerly NCT-118) Economic Consequences of Selected Provisions of Food and Agricultural Act of 1977
NC - 153: Burn Injury Study: Clothing/Interior Product Related Victims
NC - 156: Development, Evaluation, and Analysis of Conservation Tillage Systems, 1984-
NC - 158: A Study of Beliefs About Parenting in Rural and Urban Populations
NC - 160: Performance of the United States Grain Marketing System in a Changing Environment
NC - 161: Evaluating Financial Markets for Agriculture Project 05 - 0353

Box 10:

NC - 162: Socioeconomic Factors Affecting the Adoption of Soil Conservation Practices

NC – 163: Irrigation Scheduling Methods for Efficient Water and Energy Use
NC - 164: Stress, Coping, and Adaption in the Middle Years of the Family Life Cycle
NC - 166: North Central Regional IPM Planning (formerly NCT - 132)
NC - 167: Dietary Modifications Designed to Affect Lipid Metabolism
NC – 169: Analysis of Food and Agricultural Policies in an Uncertain Economic Environment
NC - 171: Redirecting the Nutrient Flow in Cows for Maximum Milk Production
NC - 172: Incidence, Biology and Management of Pine Wilt Complex (Was NCT -133)
NC - 173: Communication Strategies to Improve Nutritional Practices of Adolescents
NC - 175: Crop Response to Drainage
NC - 176: Implications of Emerging Policy Issues and Market Developments
(was NCT - 133)
NC - 177: Vegetable Oils as an Alternative Fuel for Deisel Engines
NC - 178: Consequences of Housing Decisions Made by Government (was NCT - 136)
NC - 179: Modeling Responses of Growing Swine (was NCT - 137) (X-File NCR - 120)
NC - 180: Integrated Crop Management Practices on European Corn Borer (see NC - 105)
NC - 181: Determinants of Farm Size and Structure in North Central Areas of the United States
NC - 182: Family Resource Utilization as a Factor in Determining Economic Well-Being
NC - 184: Rural Development Strategies to Mediate Farm Crisis Impacts of Families
NC - 190: The Effect of Water Table Management of Productivity and Water Quality
NC - 194: The Organization and Performance of World Food Systems (formerly NCT - 149)
NC - 195: Conservation Tillage, 1993-
NC - 195: Second Folder

Box 11:

NC - 195: Conservation Tillage, 1992
NC - 195: Conservation Tillage, 1988-91 (formerly NCT - 145)
NC - 199: Rural Households at Risk of Serious Housing Problems in the North Central Region
NCA - 9: Field and Forage Crops
NCA - 10: Forestry and Forestry Products, 1978-86
NCA - 10: Forestry and Forestry Products, 1976-80
NCA - 19: Natural Resources Development
NCA – 22: Directors' Meetings, 1977-1988
NCA - 23: Fisheries, Wildlife, and Ecology
NCA - 25 : Human Nutrition
NCA - 25: Human Nutrition
NCA - 25: Human Nutrition
NCR - 52: Family Economics Committee
NCR - 57: North Central Regional Committee Meeting Proceedings, 1983-1986
NCR - 88: Feed Lot Operations, 1982-83
NCR - 102: Forest Soils

Box 12:

NCR - 105: Popcorn Production
NCR - 122: Food Losses and Conservation

NCR - 138: Alfalfa Diseases
NCR - 156: Expert Systems in Agriculture, 1987-89
NCR - 157: Evaluation - Sustainable Agriculture Production and Marketing Systems, 1993
NCR - 157: Evaluating Sustainable Agriculture Products (formerly NCT - 152), 1990-1992
NCR - 157: Evaluating Sustainable Agriculture Products (formerly NCT - 152)
NCR - 177: Non-Herbicide Alternatives for Weed Management
NCS - 2: Horticulture Seed Practices
NCS - 4: North Central Regional Aquaculture Center
NCT - 116: Proposed Biological Control
NCT - 120: A Study of Beliefs About Parenting in Rural and Urban Populations
NCT - 121: Crop, Soil, and Animal Management Systems for Upper Midwest Driftless Soils
NCT - 122: Title XII Maize Breeding Planning Grant
NCT - 123: Scheduling and Water Use Efficiency
NCT - 126: Family Stress, Coping and Adaptation in the Middle Yrs. of the Family Life Cycle
NCT - 128: Evaluating Financial Markets for Agriculture
NCT - 130: Vegetable Oils as an Alternative for Diesel Engines
NCT - 134: Limiting Pesticide Exposure Through Textile Cleaning Procedures (changed to NC 170)

Box 13:

NCT - 138: Family Economic Well - Being in a Time of Economic Change
NCT - 139: Determinants of Farm Size Structure in American Agriculture
NCT - 140: Assessment of the Gypsy Moth Problem for the North Central Region
NCT - 141: The Economic of Biotechnology - Implications for Agriculture and the Food Industry
NCT - 143: Rural Development Research (X - File NC - 165 which is ended)
NCT - 144: High Technology and Families
NCT - 145: Conservation Tillage
NCT - 145: Conservation Tillage - Now NC – 195, December 1988
NCT - 145: Conservation Tillage Software Program
NCT - 148: Development and Use of Expert Systems in Agricultural Decision Making
NCT - 149: Competitiveness for World Food Systems
NCT - 150: Farm Information Systems
NCT - 151: Economics of Animal Disease Losses and Prevention
NCT - 153: New Non - Food and Other Value Added Used for Soybeans
NCT - 155: Provision of Goods and Services by Business in Rural Areas
NCT – 156: Wildlife in Agricultural Lands
NCT - 157: Poultry Enteric Diseases Stanley E. Leland, Jr. Advisor
NCT - 158: Nutrition Information
NCT - 159: Role of Systems Analysis in Decision Making in Animal Agriculture
NCT - 160: Weed Control
NCT - 161: Environmental Issues Relating to Intensive Livestock Productions
NCT - 162: Nonchemical Alternatives for Weed Control
NCT - 163: Economic and Environmental Implications of Cropland Subject to Expiring
NCT - 164: Development of Methods to Conduct Farm Watershed and Regional Scale

NCT - 164: Gypsy Moth Control Project
NCT - 165: Riparian Buffer Zone Management
NE - 14: Virus and Virus - Like Diseases of Woody, Deciduous Fruit Crops
NE - 48: Dynamics and Energetics of the Soil - Water - Plant - Atmosphere continuum
NE - 71: Infectious Agents Affecting Reproduction in Cattle
NE - 83: Safety of Consumer's Food
NE - 112: Mastitis Resistance to Enhance Dairy Safety, 1976-1990
NE - 121: Reducing Influence of Air Pollution on Plant Productivity
NE - 123: Protein Functionality
NE - 142: Production Consumption and Marketing of Wood for Energy in the NE
NE - 143: The Gypsy Moth and Its Natural Enemies: Behavior and Population Determinants
NE - 157: Environmental and Genotypic Control of Assimilate Allocation of Crops

Box 14:

NE - 164: Engineering Greenhouse and Other Controlled Environment Plant Production Systems
NEC - 26: Biting Flies and Other Insects
NEC - 45: Metabolic Regulation of Nutrient Use in Food Producing Animals
NES - 54: Application of Municipal Sludge to Forest Lands (was NE - 96)
NEC - 72: Artificial Intelligence Applications in Agriculture
NEC - 94: Genetically Engineered Resistance to Virus Diseases of Perennial Fruit Crops
NRSP - 2: National Planning and Coordination Project
S - 49: Genetic Methods of Improving Dairy Cattle for the South
S - 59: Distribution, Abundance, Control of Heliothis Species in Cotton and Other Host Plants
S - 70: Viruses, Mycroplasma - Like Organisms Causing Diseases of Corn and Sorghum
S - 70: Second Folder
S - 74: Biology and Control of Arthropods
S - 103: Regional Advantages in Producing and Marketing Woody Ornamentals
S - 107: Soybean Production and Management Simulation Models
S - 115: Alternative Structures for Increasing Efficiency in Inter - and Intraregional Grain
S – 127: Forage Legume Viruses
S – 131: Nutritional and Hormonal Factors Influencing Structure and Quality of Eggshells
S – 135: Development of Microbial Agents for Use in Integrated Pest Management
S – 135: Folder 2
S - 136: Biological Control of Weeds with Plant Pathogens
S – 150: Nutritional Health of Adolescent Females
S - 151: Reclamation of Drastically Disturbed Soils
S – 157: Tactics for Management of Soybean Pest Complexes
S - 164: Application of Water Quality for Agricultural and Forested Watersheds
S - 165: Analysis of Food Demand and Consumption Behavior
S - 174: Effects, Mechanisms and Control of Erosion and Sediment from Agricultural and Forest Lands
S - 176: Area of Work in Grain Marketing (Project 05-0346 was saw-80-81)
S - 178: Structural and Operational Efficiency of Fruit and Vegetables Production Management
S - 179: Cellular and Molecular Genetics for Plant Improvement (was saw-81-13)

S - 180: An Economic Analysis of Risk Management Strategies for Agricultural Production Firms

Box 15:

S - 191: Farm Wife's External Employment Family Economic Productivity and Family Function
S - 202: Animal Waste as a Nutrient and Energy Resource
S - 211: Hydrologic Water Quality Modeling of Sediment and Chemical Movement
S - 217: Economic and Technical Factors Shaping the Southern Dairies
S - 218: Land Management Strategies for Enhanced Water Quality Protection
S - 220: Improved Systems of Control for Pecan Arthropod Pests
S - 228: Forage Legume and Viruses
S - 230: Biology, Ecology and Management of Riceland Mosquitoes
S - 234: Discovery and Development of Plant Pathogens for Biological Control of Weeds
S - 240: Development of Entomopathogens as Control Agents for Insect Pests
S - 251: Technical Committee 1994 Meeting, November 17-19, 1994
SRDC - 82 – 04: Relationship Between Farm Life External Employment and Family Function
SRDC - 82 – 10: Host Plant Resistance to Soybean Insects
SRDC - 85 – 07: Ecology and Management of Fusiform Rust in Southern Pines
SRDC - 85 – 08: Hydrologic/Water Quality Modeling of Sediment and Chemical Movement From Agricultural and Forested Watersheds
SRDC - 86 – 01: Technical and Economical Efficiencies of Producing and Marketing Landscape
SRDC - 86 – 04: Viruses of Corn and Sorghum: Molecular Biology, Characteristics, and Plant
SRDC - 87 – 12: Cellular and Molecular Genetics for Crop Improvement
SRDC - 92 – 13: Forage Legume Viruses (was S - 228)
SRDC - 92 – 17: New and/or Alternative Plant and Animal Production System
SREIG – 8: Fescue Endophyte Research and Extension
SREIG - 43 (was S - 107)
W - 112: Reproductive Performance in Domestic Ruminants
W – 118: Impacts of Human Migration Flows on Non-Metropolitan People and Places
W - 123: Agricultural Land Values
W - 124: Optimum Utilization of Sewage Sludge on Agricultural Land
W - 124 (old NC - 118)
W - 130: Freeze Damage and Protection of Fruit and Nut Crops
W - 135: Limiting Stress of Food - Producing Animals to Increase Efficiency
W - 136: Improving Poultry House Environments
W - 142: Reproductive Efficiency of Turkeys
W - 143: Nutrient Bioavailability - A Key to Human Nutrition
W - 149: An Economic Evaluation of Managing Market Risks in Agriculture
W - 154: Water and Carbon Economy of Plants in Relation to Rhizospheric and Atmosphere
W - 155: Characterization and Management of Soil Water and Solutes in Field Soil
W - 157: Development of New and Improved Crops for Water Conservation in Arid Lands
W - 166: Characteristics and Feed Value of Barley and Western Protein Supplements
W - 168: Seed Quality Investigations
W - 169: Minimizing Occupational Exposure to Pesticides
WRCC - 17: Freeze Damage and Protection of Fruit and Nut Crops

WRCC - 45: Rural Credit Systems in the West - The Role of Public Lending Programs
WRCC - 51: Application Technology
WRCC - 62: Systems Based, Expert - Support Systems for Production Agriculture
WRCC - 64: Improving Data Quality and Methodology in Rural Social Sciences
WRCC - 72: Agribusiness Research Emphasizing Competitiveness
WRCC - 77: Biology and Control of Winter Annual Grass Weeds
WRCC - 96: School - Aged Youth at Risk in Single - Parent Families