

November 1990

# Current Experiments

## At Outlying Units

Alabama Agricultural Experiment Station  
Auburn University





## CONTENTS

	<u>Page</u>
Black Belt Substation.....	5
Brewton Experiment Field.....	13
Chilton Area Horticulture Substation.....	21
E. V. Smith Research Center.....	31
Gulf Coast Substation.....	87
Lower Coastal Plain Substation.....	99
Monroeville Experiment Field.....	103
North Alabama Horticulture Substation.....	109
Ornamental Horticulture Substation.....	115
Piedmont Substation.....	121
Prattville Experiment Field.....	129
Sand Mountain Substation.....	139
Tennessee Valley Substation.....	151
Upper Coastal Plain Substation.....	165
Wiregrass Substation.....	173

Auburn University offers its program to all persons regardless of race,  
color, sex, or national origin.



BLACK BELT SUBSTATION  
MARION JUNCTION, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Black Belt Substation

\*\*\*\*\*

Project Number:

Department: Agricultural Engineering

Project Leader: JOHNSON, C.E.

ELKINS, C.B.

SCHAFFER, R.L.

Title:

EFFECT OF SOIL TILTH OF FALL PREPARED AND SPRING PREPARED SEEDBEDS  
IN PRODUCTION OF CROPS ON BLACK BELT SOILS.

\*\*\*\*\*

Project Number: 715

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

SCHMIDT, S.P.

Title:

GRAZING MANAGEMENT OF INFECTED FESCUE AND DALLISGRASS.

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SMALL GRAIN VARIETY TEST FOR GRAIN

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

CORN VARIETY TEST

\*\*\*\*\*

Project Number: 356

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SOYBEAN VARIETY BY PLANTING DATE ON SUMTER SOILS

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Alabama Agricultural Experiment Station Projects

Location: Black Belt Substation

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Project Number: 346  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SOYBEAN VARIETY BY PLANTING DATE ON VAIDEN SOILS

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SMALL GRAIN VARIETIES TESTED FOR FORAGE

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 00675  
Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:

SCREENING OF CALEY PEAS GERMPASM.

\*\*\*\*\*

Project Number: 529  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

CROP ROTATION IN SOYBEAN PRODUCTION ON BLACK BELT SOILS.

\*\*\*\*\*

Project Number: 559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIAGRASS VARIETY TRIALS.

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Black Belt Substation

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

TALL FESCUE VARIETY TRIALS.

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSON CLOVER VARIETY TRIALS.

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

EMERGENCE AND STAND ESTABLISHMENT FOR GRASSES AND LEGUMES IN ALABAMA

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

BRANSBY, D.I.

Title:

GRAZING EVALUATION OF EARLY TALL FESCUE BREEDING MATERIAL.

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CULTIVAR EVALUATION OF TALL FESCUE UNDER GRAZING AND CUTTING  
MANAGEMENT

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Black Belt Substation

\*\*\*\*\*

Project Number: 768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

ANNUAL RYEGRASS CONTROL

\*\*\*\*\*

Project Number: 768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

TIME OF ALLY APPLICATION vs. OVERSEEDING WINTER FORAGE CROPS.

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: HOUGH, J.  
RAHE, C.H.  
MULVANEY, D.P.

Title:

A MOLECULAR GENETICS ANALYSIS OF SECTION FOR GROWTH AND MUSCLING IN BEEF CATTLE.

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: HOUGH, J.  
SCHMIDT, S.P.  
MULVANEY, D.P.

Title:

EVALUATION OF EXPECTED PROGENY DIFFERENCES ACROSS BREEDS.

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: MOSS, B.R.  
BRANSBY, D.I.

Title:

COMPARISON OF TRIUMPH, JOHNSTONE AND KY-31 FESCUE WITH LACTATING DAIRY COWS.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Black Belt Substation

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Project Number:

Department: Animal and Dairy Sciences

Project Leader: SHELBY, R.A.  
SCHMIDT, S.P.

Title:

THE EFFECT OF BOVINE DIGESTION OF GERMINATAION AND INFECTION  
LEVELS IN TALL FESCUE SEED INFECTED WITH A.COENOPHIALUM

\*\*\*\*\*

Project Number:

Department: Entomology

Project Leader: ESTES, P.M.  
GUDAUSKAS, R.T.

Title:

EVALUATION OF SYSTEMIC INSECTICIDE TREATMENTS FOR CONTROL OF  
HESSIAN FLY AND BARLEY YELLOW DWARF DISEASE ON WHEAT.

\*\*\*\*\*

Project Number: 544

Department: Entomology

Project Leader: MACK, T.P.

Title:

CONTROL OF SOYBEAN INSECTS IN SOYBEANS.

\*\*\*\*\*

Project Number: 431

Department: Entomology

Project Leader: STROTHER, G.R.

Title:

HORNFLY CONTROL WITH IMPREGNATED EAR TAGS.

\*\*\*\*\*

Project Number:

Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF CORN VARIETIES TO VIRUS DISEASES.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Black Belt Substation

\*\*\*\*\*

Project Number:

Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES.

\*\*\*\*\*

Project Number:

Department: Plant Pathology

Project Leader: SHELBY, R.A.

Title:

DETERMINATION OF ERGOT ALKALOID LEVELS IN MILK OF DAIRY CATTLE  
GRAZING INFECTED TALL FESCUE.

\*\*\*\*\*

Project Number: 544

Department: Plant Pathology

Project Leader: SHELBY, R.A.

Title:

ENDOPHYTE LEVELS AND STAND PERSISTENCE IN TALL FESCUE.

\*\*\*\*\*

BREWTON EXPERIMENT FIELD

BREWTON, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Brewton Experiment Field

\*\*\*\*\*

Project Number: 3-0029  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
COTTON VARIETY TEST

\*\*\*\*\*

Project Number: 3-0028  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
CORN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0028  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
SMALL GRAIN VARIETY FOR GRAIN

\*\*\*\*\*

Project Number: 3-0027  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
REGULAR SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0027  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
LATE PLANTED SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0027  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
EARLY SOYBEAN VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Brewton Experiment Field

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SMALL GRAIN VARIETIES FOR FORAGE

\*\*\*\*\*

Project Number: 346

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

TWO YEAR ROTATION

\*\*\*\*\*

Project Number: 3-0024

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

RATES OF N,P,K FOR SWEET POTATOES OR TRITICALE/TROPICAL CORN

\*\*\*\*\*

Project Number: ALA00781

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

CORRECTING SULFUR DEFICIENCY IN CORN

\*\*\*\*\*

Project Number: 389

Department: Agronomy & Soils

Project Leader: MULLINS, G.L.

Title:

LIME AND PHOSPHORUS FOR CORN

\*\*\*\*\*

Project Number: 529

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

Title:

TILLAGE COMPARISONS FOR WHEAT AND THE EFFECT ON NO-TILLAGE

TROPICAL CORN

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Brewton Experiment Field

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

TALL FESCUE VARIETY TRIAL

\*\*\*\*\*

Project Number: 559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

'AU EARLY' FESCUE SEED INCREASE

\*\*\*\*\*

Project Number: 559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

'AU VIGOR' FESCUE SEED INCREASE

\*\*\*\*\*

Project Number: 559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIAGRASS VARIETY TRIALS

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSON CLOVER VARIETY TRIALS

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

MANAGEMENT FACTORS INFLUENCING SEED YIELD IN AUROBIN CRIMSON CLOVER

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Alabama Agricultural Experiment Station Projects

Location: Brewton Experiment Field

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Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:  
COMPARING TALL FESCUE SEED PRODUCTION IN ALABAMA, OREGON AND  
NEW ZEALAND

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:  
RESPONSE OF TALL FESCUE CULTIVARS TO SEEDING DATE

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:  
SOYBEAN STRAINS TEST

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:  
EFFECT OF GROWTH HABIT ON YIELD AND YIELD-RELATED PARAMETERS  
IN LATE PLANTED SOYBEANS

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:  
BLUEBERRY VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Brewton Experiment Field

\*\*\*\*\*

Project Number: 642

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

BLUEBERRY PRUNING STUDY

\*\*\*\*\*

Project Number: 642

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

SUITABILITY OF KIWI AS COMMERCIAL FRUIT CROP IN ALABAMA

\*\*\*\*\*

Project Number: 642

Department: Horticulture

Project Leader: DOZIER, W.A.  
HIMELRICK, D.G.

Title:

RABBITEYE BLUEBERRY CULTIVAR EVALUATION IN SOUTH ALABAMA

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: HIMELRICK, D.G.

Title:

EFFECT OF PLASTIC MULCHES ON FRUITING AND VEGETATIVE RESPONSES  
OR ANNUAL HILL CULTURE STRAWBERRIES

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: HIMELRICK, D.G.

Title:

RABBITEYE, SOUTHERN HIGHBRUSH AND NORTHERN HIGHBRUSH BLUEBERRY  
CULTIVAR EVALUATION IN SOUTH ALABAMA

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Alabama Agricultural Experiment Station Projects

Location: Brewton Experiment Field

\*\*\*\*\*

Project Number: 5-865

Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES IN ALABAMA

\*\*\*\*\*

CHILTON AREA HORTICULTURE SUBSTATION  
CLANTON, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

EFFECT OF CROP ROTATION ON SWEET POTATO PRODUCTION

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: BROWN, J.E.

Title:

EFFECTS OF BLACK PLASTIC MULCH AND ROW COVERS ON SEEDED AND  
TRANSPLANTED CANTELOUPE, OKRA AND BELL PEPPER

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: BROWN, J.E.

Title:

EFFECT OF SLOW RELEASE NITROGEN MATERIALS AND OTHER NITROGEN  
SOURCES ON PERFORMANCE OF 'MOUNTAIN PRIDE' TOMATOES

\*\*\*\*\*

Project Number: 735

Department: Horticulture

Project Leader: BROWN, J.E.

BROWN, S.L.

Title:

EFFECTS OF SOIL SOLARIZATION ON SOIL BORNE INSECT CONTROL ON  
SWEET POTATO PRODUCTION

\*\*\*\*\*

Project Number: 658

Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:

TOMATO VARIETY TRIALS

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

\*\*\*\*\*

Project Number: 791  
Department: Horticulture

Project Leader: DANGLER, J.

Title:

EVALUATION OF MEDIA AND RATE OF LIME APPLICATION FOR SWEET POTATO  
SLIP PRODUCTION

\*\*\*\*\*

Project Number: 708  
Department: Horticulture

Project Leader: DANGLER, J.

Title:

SPACING AND HARVEST METHODS FOR KALE

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: DANGLER, JJ.

Title:

SWEET POTATO VARIETY TRIALS

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PEACH AND NECTARINE CULTIVAR EVALUATION IN CENTRAL ALABAMA.

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PEACH REPLANT

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

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Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

REGINAL S-97 PEACH ROOTSTOCK. EVALUATION PLANTINGS

1976 S97 PLANTING 2 VARIETIES

1981 S97 PLANTING 2 VARIETIES

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

BASIOUNY

TUSKEGEE

Title:

FALL AND SPRING APPLICATIONS OF ORGANIC CHEMICALS TO DELAY BLOOM  
AND INCREASE FRUIT SET IN PEACHES.

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECT OF GA3 ON DELAYING LEAF ABSCISSION IN THE FALL AND BLOOM IN  
THE SPRING OF LORING PEACH FOR FROST PEACH PROTECTION.

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECT OF PRUNING METHODS ON VIGOR, VEGETATIVE GROWTH FRUIT YIELD,  
FRUIT QUALITY, AND PRUNING TIME ON SUNLAND PEACHES.

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECT OF DRIP IRRIGATION OF PERFORMANCE OF MONROE PEACHES.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECT OF DRIP IRRIGATION AND NITROGEN RATES ON PERFORMANCE OF  
ALRED ELBERTA PEACHES.

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

BLOSSOM THINNING OF 'HARVESTER' PEACH WITH AMMONIUM THIOSULFATE AND  
DUPONT-WK

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECT OF SLOW RELEASE NITROGEN MATERIALS AND OTHER NITROGEN SOURCES  
ON PERFORMANCE OF 'DELITE' STRAWBERRY

\*\*\*\*\*

Project Number: 368  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

VARIETY EVALUATION, COLD PROTECTION, DETERMINATION OF THE KIWI  
POTENTIAL AS A COMMERCIAL FRUIT CROP IN ALABAMA

\*\*\*\*\*

Project Number: 462  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PRUNING STUDY, VARIETY EVALUATION, DETERMINATION OF THE POTENTIAL  
OF FEIJOA AS A COMMERCIAL FRUIT CROP IN ALABAMA

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

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Project Number:

Department: Horticulture

Project Leader: DOZIER, W.A.  
LATHAM, A.J.

Title:

EFFECT OF SOIL pH ON BACTERIAL CANCKER INCIDENCE ON 2 ROOTSTOCKS

\*\*\*\*\*

Project Number: 642

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

DETERMINING EFFECT OF MECHANICAL PRUNING ON PERFORMANCE OF ERECT  
TYPE BLACKBERRIES IN CENTRAL ALABAMA

\*\*\*\*\*

Project Number: 741

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PERFORMANCE OF ASIAN PEARS IN CENTRAL ALABAMA

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

APPLES - ROOTSTOCK AND INTERSTEM EFFECTS

\*\*\*\*\*

Project Number: 744

Department: Horticulture

Project Leader: LATHAM, A.J.

Title:

EVALUATION OF DISEASE CONTROL ON FOLIAGE AND FRUIT OF PEACHES

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

\*\*\*\*\*

Project Number: 640  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

PLUM VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

PLUM PRODUCTION DEMONSTRATION

\*\*\*\*\*

Project Number: 640  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

PLUM ROOTSTOCK EVALUATION

\*\*\*\*\*

Project Number: 610  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

CANTELOUPE AND WATERMELON SEED INCREASE

\*\*\*\*\*

Project Number: 610  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

WATERMELON VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

PLUM OBSERVATIONAL VARIETY AND SEEDLING EVALUATION

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Chilton Area Horticulture Substation

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: POARCH, D.W.

Title:

BROCCOLI VARIETY EVALUATION

\*\*\*\*\*

Project Number: 688

Department: Horticulture

Project Leader: POARCH, D.W.

Title:

SWEET CORN VARIETY TRIALS

\*\*\*\*\*

Project Number: 578

Department: Plant Pathology

Project Leader: LATHAM, A.J.

Title:

CONTROL OF BLACK KNOT OF PLUM

\*\*\*\*\*

Project Number:

Department: Plant Pathology

Project Leader: MCINNIS, T.B.

Title:

ALTERNATE ROW MIDDLE SPRAYING OF PEACHES TO CONTROL DISEASES AND INSECTS

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E. V. SMITH RESEARCH CENTER

SHORTER, ALABAMA





Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Agricultural Engineering

Project Leader: Burk, Eddie

Title:

Traffic Lanes for a gantry.

\*\*\*\*\*

Project Number: S-210

Department: Agricultural Engineering

Project Leader: Johnson, C.  
Pitts, Robert

Title:

Tillage requirements in a controlled traffic system with conventional equipment.

\*\*\*\*\*

Project Number: H-757

Department: Agricultural Engineering

Project Leader: Rochester, E.W.  
Yoo, K.H.  
Hackwell, R.  
Pitts, G.

Title:

Efficient utilization of water from rainfall and irrigation in southeastern cropping environments.

\*\*\*\*\*

Project Number: H-715

Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Snyder, Dan  
Gregory, Bill  
Bannon, J.

Title:

Response of stocker steers to stocking rate with and without treatment for parasites under continuous grazing, and with treatment for parasites under rotational grazing on win

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Rahe, H.  
Schmidt, S.P.  
Kee, D.

Title:  
Nitrogen fertilization and pasture management strategies for  
alleviating the winter grazing deficit on cool season annual  
pastures in Alabama.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Duffield, R.  
Rose, Paul  
Kee, David

Title:  
Grazing potential of shrubs and tall grasses.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Touchton, J.  
Duffield, R.

Title:  
Biomass potential of tall grass species in central Alabama.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Duffield, R.

Title:  
Viability of elephantgrass and energy cane stalks planted at  
different depths in the fall.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Duffield, R.

Title:  
Estimation of optimal plot size for elephantgrass studies and  
overwinter yield loss.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.

Title:  
Defoliation of mimosa and leuciana.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.

Title:  
Clipping study to simulate grazing treatments.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Rose, Paul  
Kee, David  
Nightengale, S.

Title:  
Switchgrass variety test.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.

Title:  
Switchgrass single row test.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Title:

Tifton 78 bermudagrass seed block.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Duffield, R.

Title:

Effect of seeding rate and defoliation frequency on yield and quality of winter annual pasture.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Nightengale, S.

Title:

Effect of seeding rate and defoliation frequency on yield of three varieties of annual ryegrass.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Title:

Comparative effect of row spacing on forage yield at anthesis of two switchgrass varieties and 'Serala' sericia lespedeza.

\*\*\*\*\*

Project Number: H-715  
Department: Agronomy & Soils

Project Leader: Bransby, D.I.  
Title:

Switchgrass yield and quality as affected by variety, row spacing, cutting height and harvest interval.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Dane, J.

Title:

Spatial variability of soil physical properties and its effect on soil water movement.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Edwards, J.H.

Touchton, J.

Title:

Influence of spring and fall tillage on growth and yield of soybean/wheat double cropping system.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Edwards, J.H.

Weaver, D.B.

Title:

Influence of rotation and soybean cultivars on growth, yield, and foliar disease occurrence in soybean.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Elkins, C.B.

Avery, G.

Duffield, R.

Title:

Tillage systems to promote deep rooting of corn seminal roots.

\*\*\*\*\*

Project Number: ALA 03-003

Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

Cotton variety test.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:  
'AU 56' cotton seed increase.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:  
Cotton Variety Test

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Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:  
Cotton Seedling Test.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:  
Regional cotton Fusarium wilt screening.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:  
Preliminary corn variety tests.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Windham, G.  
Title:  
Mississippi nematode corn breeding lines.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

Alfalfa variety trial.

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Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

Bermudagrass variety trial.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

Small grains variety test for grain.

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Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

Small grains variety test for forage.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

Ryegrass variety test for forage.

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Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Johnson, W.C.

Title:

White clover variety test.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00805  
Department: Agronomy & Soils

Project Leader: Mask, P.  
Moss, B.R.  
Reeves, W.

Title:  
The effect of corn hybrid, poultry litter fertilization and crop maturity on grain yield and silage quality.

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: Mask, P.

Title:  
Regional canola variety trial.

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: Mask, P.L.  
Touchton, J.  
Reeves, D.W.  
Crews, Jerry

Title:  
Alternative double cropping systems for grain production in the southeast.

\*\*\*\*\*

Project Number: ALA 03-003  
Department: Agronomy & Soils

Project Leader: Mask, P.L.  
Duffield, R.  
Delaney, D.

Title:  
Regional canola variety trial.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00781  
Department: Agronomy & Soils

Project Leader: Mitchell, C.C.  
Mask, P.L.  
Duffield, R.

Title:  
Nitrogen monitoring in wheat.

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Nightengale, S.

Title:  
Breeding system of Vicia sp.

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:  
Nursery CT of Sericea lespedeza

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Nightengale, S.

Title:  
Screening of Caley peas germplasm.

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:  
Comparison of experimental design in Sericea breeding trials.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Title:

Cross pollination of Sericea lespedeza.

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Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Title:

Crossing block No. 1 of Sericea lespedeza

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Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Title:

Nursery of lespedeza plant introductions.

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Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Title:

Sericea lespedeza seed blocks (3).

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Title:

Sericea breeding block.

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.  
Title:

Birdsfoot trefoil seed block.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Production of vetch breeder seed.

\*\*\*\*\*

Project Number: Ala-00769  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Nursery of selected Lespedeza plant introductions.

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Effect of seed mass and genotypes on seedling vigor of Sericea lespedeza.

\*\*\*\*\*

Project Number: ALA-00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Evaluation of Sericea lines selected for emergence under low temperature.

\*\*\*\*\*

Project Number: ALA-00675  
Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Evaluation of sericea lines for emergence under low temperature and field survival.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA-00675

Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Isolation plot of L18.

\*\*\*\*\*

Project Number: ALA 00675

Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Decomposition of sericea lespedeza plant litter.

\*\*\*\*\*

Project Number: ALA 00675

Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Seed increase of breeder seed of vetch varieties and lines.

\*\*\*\*\*

Project Number: ALA 00675

Department: Agronomy & Soils

Project Leader: Mosjidis, J.A.

Title:

Test of selected common vetch PI's.

\*\*\*\*\*

Project Number: H-670

Department: Agronomy & Soils

Project Leader: Mullins, G.L.

Burmester, C.H.

Reeves, D.W.

Title:

Deep placement of potassium for cotton.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA00682  
Department: Agronomy & Soils

Project Leader: Odom, J.W.  
Duffield, R.

Title:  
Boron, calcium and tillage management of alfalfa.

\*\*\*\*\*

Project Number: ALA-00682  
Department: Agronomy & Soils

Project Leader: Odom, J.W.

Title:  
Lime and gypsum interaction on alfalfa yield.

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: Patterson, M.  
Duffield, R.

Title:  
Eradication of nutsedge for ornamental plantings.

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: Reeves, D.W.  
Powell, Jerrel

Title:  
A controlled traffic crop management system for double cropped wheat  
and cotton.

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: Reeves, D.W.  
Touchton, J.

Title:  
Nitrogen response of tropical corn following clover

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Touchton, J.

Duffield, R.

Title:

Lupines as a cover crop, nitrogen source, and for amending tillage pans for conservation-tilled corn.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Touchton, J.

Duffield, R.

Title:

Nitrogen rate and application time for cotton in conservation-tillage-legume cover crop systems.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Powell, J.B.

Duffield, R.

Title:

Controlled traffic and tillage systems interactions: soybean and corn rotation.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Duffield, R.

Title:

Intensive management systems for wheat.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Title:

Tropical corn variety test.

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Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Title:

Evaluation of white lupine germplasm.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Torbert, J. A.

Title:

Identification of beneficial effects of winter annual legumes in corn.

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Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Title:

Evaluation of alternative winter annual legumes.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Title:

Sunn Hemp Tropic Crotalaria evaluation

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Title:

Sunn hemp as a cover crop and nitrogen source for corn.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Reeves, D.W.

Title:

Early winter legume evaluation.

\*\*\*\*\*

Project Number: ALA 03-003

Department: Agronomy & Soils

Project Leader: Thurlow, D.

Title:

Grain sorghum hybrid test.

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Project Number: ALA 03-003

Department: Agronomy & Soils

Project Leader: Thurlow, D.

Title:

Early corn variety.

\*\*\*\*\*

Project Number: ALA 03-003

Department: Agronomy & Soils

Project Leader: Thurlow, D.

Title:

White corn variety.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Thurlow, D.

Title:

Nitrogen fixation by soybeans.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Agronomy & Soils

Project Leader: Thurlow, D.

Title:

Effect of row spacing on soybean varieties when planted in mid-June in central Alabama.

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Project Number:

Department: Agronomy & Soils

Project Leader: Thurlow, D.

Title:

Biological and chemical control of disease in soybean cultivars.

\*\*\*\*\*

Project Number: H-690

Department: Agronomy & Soils

Project Leader: Touchton, J.

Duffield, R.

Title:

Use of the urease inhibitor N-(n-butyl) thiophosphoric triamide for corn production- 1989

\*\*\*\*\*

Project Number: H-633

Department: Agronomy & Soils

Project Leader: Touchton, J.

Mahamado, A.

Title:

Relationship between N-rates and plant densities for grain sorghum in conventional systems.

\*\*\*\*\*

Project Number: H-690

Department: Agronomy & Soils

Project Leader: Touchton, J.

Title:

Time of paraplow use in cotton.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-690  
Department: Agronomy & Soils

Project Leader: Touchton, J.

Title:  
N15 inhibitor in wheat.

\*\*\*\*\*

Project Number: H-690  
Department: Agronomy & Soils

Project Leader: Touchton, J.

Title:  
Nitrification inhibitor in wheat.

\*\*\*\*\*

Project Number: H-690  
Department: Agronomy & Soils

Project Leader: Touchton, J.

Title:  
Calgene variety trial (Rape)

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:  
Common bermuda competition with Tifton 78 and Tifton 44.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:  
Tolerance of sprigged Tifton 78 to pre-applied herbicides.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:  
Use of pre- and post applied herbicides in the establishment of  
Tifton 78.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Use of Ally, Karmex, and Velpar pre-applied to sprigged Tifton 78 bermudagrass.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Lespedeza variety preference of deer.

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Competition of wild radish in wheat.

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Annual ryegrass control in wheat.

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Area of influence of wild radish in wheat.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Time of ALLY application vs. overseeding winter forage crops.

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Broadleaf signalgrass/Accent POT two stages and three adjuvants.

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Broadleaf and grass control/Accent and cultivation.

\*\*\*\*\*

Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Sicklepod (CASOB) area of influence in soybeans with sublethal chlorimuron.

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Project Number: H-768

Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Sicklepod (CASOB) seeds in soil vs. threshold reseeding frequency.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
Tolerance of ten soybean cultivars to F 6285.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
F-6285/COMMAND combination: Broadleaf and grass control.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
Pursuit/AC 310488/Freedom/GX-217: Grass and Broadleaf control.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
Tricep/Squadron/Scepter/Tackle/Cobra combinations.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
V-53482 and combinations for grass and broadleaf control.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
V-23031 and combinations for postemergence grass control.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Classic/Pinnacle/Storm/Blazer/Tackle/Basagran combinations.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Select/RO 173664/HOE 46360/C-4874: Annual grass control.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Area of influence of CASOB vs. rate of CLASSIC herbicide.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Area of influence of wild radish in wheat.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Annual ryegrass control in wheat.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:  
Competition of wild radish in wheat.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Richburg, J.

Title:  
Large crabgrass and sandbur competition with Tifton 78 bermudagrass.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Richburg, J.

Title:  
Large crabgrass and sandbur competition with Tifton 78 bermudagrass.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:

Scepter interaction with COUNTER and THIMET in field corn.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.  
Title:

ALLY herbicide for control of four bahiagrass varieties.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

CADRE, SQUADRON, SCEPTER for sicklepod control.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

CADRE soybean postemergence combinations with PURSUIT.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

W-20 sulfonylurea resistant soybean -MRH90-001.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Notill: Touchdown, Roundup, Gramoxone Extra combinations.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Classic and Pinnacle vs. surfactant rate for pigweed control.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Tank Mixes: Select, Assure II, Fusilade, Cobra, Reflex

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

V-53482 and V-23021: Method of application and rate.

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

GX-217, Scepter, Tri-Scept, Squadron, Pursuit+, Freedom and Command

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Classic/Cobra Combinations

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Project Number: H-768  
Department: Agronomy & Soils

Project Leader: Walker, R.H.

Title:

Cultural practices and herbicide effects on soybean.

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Duffield, R.  
Nightengale, S.

Title:

Effect of growth habit on yield and yield-related parameters in late-planted soybean.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-561

Department: Agronomy & Soils

Project Leader: Weaver, D.

Title:

Effects of growth on yield and yield related parameters in late planted soybeans.

\*\*\*\*\*

Project Number: H-561

Department: Agronomy & Soils

Project Leader: Weaver, D.

Title:

USDA cooperative soybean genotype evaluation.

\*\*\*\*\*

Project Number: H-561

Department: Agronomy & Soils

Project Leader: Weaver, D.

Title:

Effects of row spacing and planting date on yield and yield parameters.

\*\*\*\*\*

Project Number: H-561

Department: Agronomy & Soils

Project Leader: Weaver, D.

Title:

Late planted cooperative strains test.

\*\*\*\*\*

Project Number: H-561

Department: Agronomy & Soils

Project Leader: Weaver, D.

Title:

Three-cornered alfalfa hopper soybean test.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Anthrachnose soybean disease test.

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Alabama A & M cooperative yield test.

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Evaluation of F5-derived F6 lines.

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Preliminary yield and advanced yield test.

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Cooperative host plant resistance test.

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Effect of plant pubescence and insect resistance genes derived from various sources on populations of three-cornered alfalfa hopper in soybeans.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-561  
Department: Agronomy & Soils

Project Leader: Weaver, D.  
Title:

Effect of frog-eye leafspot on yield of soybean.

\*\*\*\*\*

Project Number: H-690  
Department: Agronomy & Soils

Project Leader: Wood, C.W.  
Title:

Effects of urease inhibitor on corn production and nitrogen utilization.

\*\*\*\*\*

Project Number: H-690  
Department: Agronomy & Soils

Project Leader: Wood, C.W.  
Title:

Timing of nitrogen fertilization for soybeans in Alabama.

\*\*\*\*\*

Project Number: H-690  
Department: Agronomy & Soils

Project Leader: Wood, C.W.  
Flynn, R.

Title:

Simultaneous composting of poultry litter and paper mill sludge: Feasibility, process and utilization studies.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.  
Title:

'AU Vigor' tall fescue seed increase.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:  
'AU Early' tall fescue seed increase.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.  
Steve Nightengale, S.

Title:  
Mode of reproduction in 'Sand Mountain' bahiagrass.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:  
Phalaris Oasis seed block.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:  
Birdsfoot trefoil seed block.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:  
Bahiagrass variety trials 1989-1991.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Preliminary evaluation of tall fescue germplasm from Alabama.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Seed increase in tall fescue populations. 'AU Early'

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Seed increase in tall fescue populations. 'AU Vigor'

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Bahiagrass Nitrogen x cutting management. (CUMA)

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Weed control in bahiagrass. (HERBY)

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Phalaris plant variety protection.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

\*\*\*\*\*

Project Number: H-559

Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Fescue breeding lines.

\*\*\*\*\*

Project Number: H-559

Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Fescue variety test 1986.

\*\*\*\*\*

Project Number: H-559

Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Fescue variety test 1987.

\*\*\*\*\*

Project Number: H-559

Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Preliminary evaluation of tall fescue germplasm from Alabama:  
Experiment 3.

\*\*\*\*\*

Project Number: H-559

Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:

Preliminary evaluation of tall fescue germplasm from Alabama:  
Experiment 3.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.  
Pace, Patn, E.  
Nightengale, S.

Title:  
Density dependent selection in crimson clover.

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:  
Crimson Clover Variety Trial (Robin-1)

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: van Santen, E.

Title:  
Response of tall fescue cultivars to date of seeding.

\*\*\*\*\*

Project Number: BARD Grant  
Department: Animal and Dairy Sciences

Project Leader: Bartol, F.F.  
Cummins, K.

Title:  
Secretion of PGF2a during hyperthermia in response to oxytocin injection during the estrous cycle and pregnancy of dairy heifers.

\*\*\*\*\*

Project Number: H-672  
Department: Animal and Dairy Sciences

Project Leader: Coleman, D.  
Cummins, K.

Title:  
Supplemental shade for dairy calves raised in hutches.

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00717

Department: Animal and Dairy Sciences

Project Leader: Cummins, K.

Title:

Effect of maternal vitamin E and C status and postpartum neonate vitamin supplementation on immunologic competence of dairy calves.

\*\*\*\*\*

Project Number:

Department: Animal and Dairy Sciences

Project Leader: Cummins, K.

Title:

Selenium and sulfur for dry cow diets in hot weather.

\*\*\*\*\*

Project Number: H-824

Department: Animal and Dairy Sciences

Project Leader: Davenport, G.

Title:

Nutritional regulation of hepatic insulin-like Factor-1 gene expression in sheep.

\*\*\*\*\*

Project Number: H-824

Department: Animal and Dairy Sciences

Project Leader: Davenport, G.

Title:

The effect of ruminal escape protein on hepatic insulin-like growth factor-1 gene expression in growing cattle.

\*\*\*\*\*

Project Number:

Department: Animal and Dairy Sciences

Project Leader: Moss, B.R.

Title:

Effect of somidobove sustained release injection on full lactation performance of holstein cows.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Animal and Dairy Sciences

Project Leader: Moss, B.R.  
Steenstra, J.R.

Title:

Effects of the source of protein on the passage of nutrients to the small intestine of lactating cows.

\*\*\*\*\*

Project Number: ALA00805

Department: Animal and Dairy Sciences

Project Leader: Moss, B.R.

Title:

Feather meal palatability as determined by feed intake.

\*\*\*\*\*

Project Number:

Department: Animal and Dairy Sciences

Project Leader: Moss, B.R.  
Kabiliagi, Joseph

Title:

The digestibility of three varieties of tall fescue roughages.

\*\*\*\*\*

Project Number: H-725

Department: Animal and Dairy Sciences

Project Leader: Mulvaney, D.R.  
Hough, J.D.  
Gore, M.T.

Title:

Examination of the effects of infected fescue on early fetal development.

\*\*\*\*\*

Project Number: H-725

Department: Animal and Dairy Sciences

Project Leader: Mulvaney, D.R.  
Hough, J.D.  
Gregory, W.

Title:

A molecular genetics analysis of selection for growth and muscling in beef cattle.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00816  
Department: Animal and Dairy Sciences

Project Leader: Mulvaney, D.R.  
Hough, J.D.  
Rahe,, C.H.

Title:  
Molecular genetics analysis of muscling in beef cattle.

\*\*\*\*\*

Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Rahe, C.H.  
Schmidt, S.P.

Title:  
Superovulatory response and embryonic survival in heifers grazing  
fungus-free and fungus-infected tall fescue.

\*\*\*\*\*

Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Rahe, C.H.  
Bransby, D.  
Schmidt, D.  
Barton, S.

Title:  
Effects of grazing fungus-infected fescue on embryonic development  
and uterine function in beef heifers.

\*\*\*\*\*

Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Rahe, C.H.  
Neil, D. (UAB),  
Sartin, JK.  
Floyd, J.

Title:  
Immunization of beef heifers with complimentary peptides to GnRH.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-725

Department: Animal and Dairy Sciences

Project Leader: Rahe, C.H.

Title:

CL function in heifers grazing fungus-free and fungus-infected fescue.

\*\*\*\*\*

Project Number: USDA-90018

Department: Animal and Dairy Sciences

Project Leader: Rahe, C.H.

Title:

Molecular studies of the bovine GnRH receptor.

\*\*\*\*\*

Project Number: H-820

Department: Animal and Dairy Sciences

Project Leader: Rankins, D.L.

Bannon, J.S.

Carroll, Mike

Ebert, Bob

Title:

Evaluation of concomitant administration of cimetidine and metoclopramide for preventing fescue toxicosis in sheep.

\*\*\*\*\*

Project Number: H-820

Department: Animal and Dairy Sciences

Project Leader: Rankins, D.L., Jr.

Gregory, W.H.

Bannon, J.S.

Title:

Voluntary consumption of lasalocid in liquid feed supplements by stocker cattle: Effects of the ionophore on daily gain, forage intake and ruminal fermentation patterns.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-820  
Department: Animal and Dairy Sciences

Project Leader: Rankins, D.L., Jr.  
Bransby, D.I.  
Bannon, J.S.  
Gregory, W.H.

Title:  
Performance of grazing beef cattle on johnsongrass pastures: Effect of stocking rate on steer performance, forage intake, rumen fermentation patterns and digesta kinetics.

\*\*\*\*\*

Project Number: H-820  
Department: Animal and Dairy Sciences

Project Leader: Rankins, D.L., Jr.  
Gregory, W.H.  
Bannon, J.S.

Title:  
Nutritive value and palatability of pelleted broiler litter.

\*\*\*\*\*

Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Schmidt, S.

Title:  
Roughage sources to improve the utilization of urea-treated, high moisture grain sorghum for feedlot cattle.

\*\*\*\*\*

Project Number: H-715  
Department: Animal and Dairy Sciences

Project Leader: Schmidt, S.P  
Bransby, D.I.  
Pinder, R.

Title:  
Urea supplementation for steers consuming ad libitum corn grain.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Schmidt, S.P.  
Rahe, H.  
Bransby, D.  
Gregory, J.

Title:  
Adenophyseal function in beef heifers grazing fungus-free and  
fungus-infected tall fescue.

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: Schmidt, S.P.  
Gregory, W.

Title:  
Ground vs. whole dry or urea-treated milo

\*\*\*\*\*

Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Schmidt, S.P.  
Ashley, A.  
Bransby, D.I.  
Wolfe, Dwight

Title:  
An assessment of stocking rates, intake and forage availability on  
performance of steers grazing rye, ryegrass pastures.

\*\*\*\*\*

Project Number: H-725  
Department: Animal and Dairy Sciences

Project Leader: Schmidt, S.P.  
Bannon, J.  
Bregory, Bill

Title:  
Treatment of high-moisture, high-tannin grain sorghum with urea for  
feedlot cattle.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-679  
Department: Entomology

Project Leader: Gaylor, M.J.  
Duffield, R.

Title:  
Preference of tarnished plant bug for fleabane- and verbena  
rigida-baited traps.

\*\*\*\*\*

Project Number: H-679  
Department: Entomology

Project Leader: Gaylor, M.J.  
Nightengale, D  
Brewer, S.W.  
Steward, S.D.

Title:  
Invasion and movement of tarnished plant bugs (TPB) into and around  
mustard plots.

\*\*\*\*\*

Project Number: H-679  
Department: Entomology

Project Leader: Gaylor, M.J.

Title:  
Natural control of beet armyworm in cotton.

\*\*\*\*\*

Project Number: H-679  
Department: Entomology

Project Leader: Gaylor, M.J.

Title:  
Epizoology of the beet armyworm NPV in cotton.

\*\*\*\*\*

Project Number:  
Department: Entomology

Project Leader: Mack, T.

Title:  
Soybean variety insect resistance test.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number:

Department: Entomology

Project Leader: Mack, T.P.

Title:

Investigation of soybean stress from defoliating pests.

\*\*\*\*\*

Project Number:

Department: Forestry

Project Leader: Gjerstad, D.H.

Glover, G.R.

Zutter, Bruce

Title:

Intra- and interspecific interference among loblolly pine, sweetgum and broomsedge.

\*\*\*\*\*

Project Number: H-688

Department: Horticulture

Project Leader: Brown, J.E.

Bryce, H.

Title:

The effects of planting methods, black plastic mulch and cover on production of summer squash, cucumber and okra.

\*\*\*\*\*

Project Number: H-691

Department: Horticulture

Project Leader: Brown, J.E.

Brown, J., G. Keever, H. Bryce

Title:

Effects of paclobutrazol (PP 333) and gibberellic acid on growth and performance of sweet corn.

\*\*\*\*\*

Project Number: H-691

Department: Horticulture

Project Leader: Brown, J.E.

Keever, G.

Bryce, H.

Title:

Effects of paclobutrazol (PP 333) and daminozide (B-Nine) growth retardant regulators on the growth and performance of crucifers.

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-691  
Department: Horticulture

Project Leader: Brown, J.E.  
Keever, G.  
Bryce, H.

Title:  
Effects of paclobutrazol (PP 333) on the growth and performance of  
vine crops.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Brown, J.E.  
Keever, G.  
Bryce, H.

Title:  
Effects of ACCEL (SD 8339) on the growth and performance of okra,  
bell pepper, eggplant and tomato.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Brown, J.E.  
Bryce, H.

Title:  
Effects of latex spray mulch in the production of vegetable crops.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Brown, J.E.  
Bryce, H.

Title:  
Effect of reflective mulch on the suppression of thrips population  
for virus control on tomato production.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-688  
Department: Horticulture

Project Leader: Brown, J.E.  
Bryce, H.

Title:

Effect of reflective mulch on the suppression of aphid population for virus control on summer squash production.

\*\*\*\*\*

Project Number: H-688  
Department: Horticulture

Project Leader: Brown, J.E.  
Bryce, H.

Title:

Effects of photo-selective plastic row covers and mulch on vegetable production.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Brown, J.E.  
Title:

Effects of 'Paclobutrazol' (PP333) and 'Daminozide' (B-Nine) Growth Retardant Regulators on the Growth and Performance of Crucifers

\*\*\*\*\*

Project Number: H-606  
Department: Horticulture

Project Leader: Chambliss, O.L.  
Bryce, H.

Title:

Southernpea cooperative trials; Southernpea advanced breeding lines; Variety trial; Seed increases (4); Observations.

\*\*\*\*\*

Project Number: H-658  
Department: Horticulture

Project Leader: Chambliss, O.L.  
Bryce, H.

Title:

Advanced tomato breeding line evaluation.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-658  
Department: Horticulture

Project Leader: Chambliss, O.L.  
Dane, F.  
Bryce, H.

Title:  
Black rot resistance screening in crucifers.

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Project Number: H-658  
Department: Horticulture

Project Leader: Dane, F.  
Bryce, H.

Title:  
Black rot resistance screening in crucifers.

\*\*\*\*\*

Project Number: H-658  
Department: Horticulture

Project Leader: Dane, F.  
Chamblis, O.  
Bryce, H.

Title:  
Black rot resistance screening in crucifers.

\*\*\*\*\*

Project Number: H-787  
Department: Horticulture

Project Leader: Dane, F.

Title:  
Growth and dispersal of genetically engineered Xanthomonas.

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Project Number: H-658  
Department: Horticulture

Project Leader: Dane, F.

Title:  
Black Rot Resistance Screening in Crucifers.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Spacing and harvest methods for kale.

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Project Number: H-708  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Varietal evaluation and post-harvest storage of kale.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Spacing and nitrogen rates for transplanted collards.

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Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Spacing and harvest methods for kale.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Spacing and nitrogen rates for cabbage: Small-sized heads.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Spacing and nitrogen rates for cabbage: Medium-sized heads.

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Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Spacing and nitrogen rates for cabbage: Large-sized heads.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Nitrogen rate and spacing for zucchini squash.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.  
Bryce, H.

Title:  
Nitrogen rate and spacing for yellow crookneck squash.

\*\*\*\*\*

Project Number: H-708  
Department: Horticulture

Project Leader: Dangler, J.M.

Title:  
Cabbage variety trials: Varieties with a restricted growth habit.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-708  
Department: Horticulture

Project Leader: Dangler, J.M.

Title:

Cabbage variety trials: Varieties with a continuous growth habit.

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Project Number: H-708  
Department: Horticulture

Project Leader: Dangler, J.M.

Title:

Sweet potato variety trials

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.

Jacobsen, B.

Title:

Effect of potassium fertilizer source and rate on early blight incidence and yield of Irish potatoes.

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.

Duffield, R.

Title:

Spacing and nitrogen rates for cabbage: Small-sized heads.

\*\*\*\*\*

Project Number: H-708  
Department: Horticulture

Project Leader: Dangler, J.M.

Title:

Cabbage variety trials: Varieties with a continuous growth habit (Spacing experiment).

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-708  
Department: Horticulture

Project Leader: Dangler, J.M.

Title:

Cabbage variety trials: Varieties with a restricted growth habit  
(Time of Harvest Experiment).

\*\*\*\*\*

Project Number: H-691  
Department: Horticulture

Project Leader: Dangler, J.M.

Title:

Spacing and nitrogen rates for transplanted collards.

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Project Number: H-821  
Department: Horticulture

Project Leader: Dozier, W.  
Caylor, A.

Title:

Effect of drip irrigation and nitrogen rates on performance of early  
(Correll), mid (Sunland), and late (Biscoe) season ripening peach c  
cultivars.

\*\*\*\*\*

Project Number: H-714  
Department: Horticulture

Project Leader: Gilliam, C.H.  
Eakes, D.J.

Title:

Root control for urban landscapes.

\*\*\*\*\*

Project Number: H-00786  
Department: Horticulture

Project Leader: Goff, W.D.  
Tyson, T.D.  
Bryce, H.

Title:

Pecan cultivar evaluation.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-00786  
Department: Horticulture

Project Leader: Goff, W.D.  
Patterson, M.  
Tyson, T.  
Wehtje, G.

Title:  
Effect of weed suppression in a pecan orchard during nut filling on  
pecan quality.

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: Himelrick, D.

Title:  
Small fruit cultivar evaluations.

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: Himelrick, D.

Title:  
Evaluation of raspberry cultivars for adaptation to Alabama climatic  
conditions.

\*\*\*\*\*

Project Number: ALA-09-A  
Department: Horticulture

Project Leader: Kovach, S.  
McInnes, B.  
Curtis, L.

Title:  
Broccoli Variety Trial

\*\*\*\*\*

Project Number: ALA-09-A  
Department: Horticulture

Project Leader: Kovack, S.  
McInnes, Bond

Title:  
Production of tomatoes grown under plastic mulch and chemigation.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-801  
Department: Horticulture

Project Leader: Latham, A.J.

Title:

Evaluation of disease control on foliage and nuts of pecan.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.  
Duffield, R.

Title:

Isolated planting for interspecific cross.

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Project Number: H-640  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:

Plum variety and breeding line evaluation.

\*\*\*\*\*

Project Number: H-640  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:

Chestnut variety and seedling evaluation.

\*\*\*\*\*

Project Number: H-640  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:

Plum seedling evaluation.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:  
Southern cooperative watermelon trials.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:  
Watermelon and cantaloupe minimum isolations.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:  
Cantaloupe and watermelon seed increases.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:  
Southern cooperative muskmelon trials.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.  
Bryce, H.

Title:  
Seed increases and descriptors of watermelon plant introductions.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.

Title:

Interspecific cross evaluation.

\*\*\*\*\*

Project Number: H-640  
Department: Horticulture

Project Leader: Norton, J.D.

Title:

Southeast regional plum variety evaluation.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.

Title:

Observational and crossing block for watermelon and cantaloupe.

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: Norton, J.D.

Title:

ASA additive trials for watermelon and cantaloupe.

\*\*\*\*\*

Project Number: H-802  
Department: Plant Pathology

Project Leader: Backman, P.A.  
Mahaffee, Walter

Title:

Evaluation of seed treatments of Bacillus subtilis and Trichoderma  
sp. for control of cotton seedling disease complex.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-802  
Department: Plant Pathology

Project Leader: Backman, P.A.  
Zidack, N.

Title:

Testing for enhanced pathogenicity of *Pseudomonas syringae* pv. phaseocola on garden bean (*Phaseolus vulgaris*) using various leaf amendments.

\*\*\*\*\*

Project Number: H-802  
Department: Plant Pathology

Project Leader: Backman, P.A.

Title:

Biocontrol of early blight in tomatoes.

\*\*\*\*\*

Project Number: H-802  
Department: Plant Pathology

Project Leader: Backman, P.A.  
Mahaffee, Walter

Title:

Evaluation of seed treatments of *Bacillus subtilis* and *Trichoderma* for control of seed and soil-borne disease of snapbeans.

\*\*\*\*\*

Project Number: H-802  
Department: Plant Pathology

Project Leader: Backman, P.A.  
Mahaffee, Walter

Title:

Spatial relationships of two *Bacillus subtilis* strains on snapbean.

\*\*\*\*\*

Project Number: ALA 582  
Department: Plant Pathology

Project Leader: Clark, E.  
Nightengale, S.

Title:

Forage legume viruses.

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: ALA 00792

Department: Plant Pathology

Project Leader: Kloepper, J.

Title:

Evaluation of sterile peat Rhizobium inoculants on soybean.

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Project Number:

Department: Plant Pathology

Project Leader: Kloepper, J.W.

Title:

Evaluation of plant growth promoting rhizobacteria on sweet corn.

\*\*\*\*\*

Project Number:

Department: Plant Pathology

Project Leader: Kloepper, J.W.

Title:

Evaluation of plant growth promoting rhizobacteria on cotton.

\*\*\*\*\*

Project Number: ALA 05-A

Department: Plant Pathology

Project Leader: McInnes, T.B.

Bowen, K.L

Getz, R.R.

Title:

Evaluation of a computerized forecasting system for Alternaria solani on tomato.

\*\*\*\*\*

Project Number: H-711;S-21

Department: Plant Pathology

Project Leader: Rodriguez-Kabana, R.

Johnson, W.C.

Robertson, G.

Title:

Bahiagrass for the management of nematodes in cotton.

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Alabama Agricultural Experiment Station Projects

Location: E. V. Smith Research Center

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Project Number: H-711;S-21  
Department: Plant Pathology

Project Leader: Rodriguez-Kabana, R.  
Johnson, W.C.  
Robertson, Glenn

Title:  
Soybean for the management of nematodes in cotton.

\*\*\*\*\*

Project Number: H-711;S-21  
Department: Plant Pathology

Project Leader: Rodriguez-Kabana, R.  
Johnson, W.C.  
Robertson, Glenn

Title:  
Corn for the management of nematodes in cotton.

\*\*\*\*\*

Project Number: H-711;S-21  
Department: Plant Pathology

Project Leader: Rodriguez-Kabana, R.  
Johnson, W.C.  
Robertson, Glenn

Title:  
Control of nematodes in cotton

\*\*\*\*\*

Project Number: H-711;S-21  
Department: Plant Pathology

Project Leader: Rodriguez-Kabana, R.  
Johnson, W.C.  
Robertson, Glenn

Title:  
Control of nematodes in cotton

\*\*\*\*\*

Project Number:  
Department: Plant Pathology

Project Leader: Shelby, R.A.  
Schmidt, S.P.  
Russell, R.P.

Title:  
Effect of bovine digestion on germination and endophyte levels in  
tall fescue seed infected with Acremonium coenophialum.

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GULF COAST SUBSTATION  
FAIRHOPE, ALABAMA





Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

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Project Number: 715  
Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.  
HARRIS, R.R.

Title:  
A MULTIPLE STOCKING RATE COMPARISON OF PENSACOLA AND ARGENTINE  
BAHIAGRASS WITH COASTAL AND TIFTON 78 BERMUDAGRASS

\*\*\*\*\*

Project Number: 721  
Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.  
HARRIS, R.R.

Title:  
RESPONSE OF STEERS TO STOCKING RATE ON A RYE/RYEGRASS MIXTURE WITH  
AND WITHOUT CLOVER

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:

EARLY MATURING CORN HYBRID TEST

\*\*\*\*\*

Project Number: 30032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:

CORN VARIETY TEST (REGULAR)

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:

PRELIMINARY CORN VARIETY TEST

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Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

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Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 3-0027  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 357  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

RYEGRASS VARIETY TEST

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SMALL GRAIN VARIETY TEST

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Project Number: 3-0033  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON VARIETY TEST

\*\*\*\*\*

Project Number: 3-0027  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

LATE SOYBEAN VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 3-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.  
Title:  
COTTON DATE OF PLANTING - PIX INTERACTION

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.  
GOFF, W.D.  
MCVAY, J.R.  
CURTIS

Title:  
EFFECT OF WEED COMPETION AND HERBICIDES IN NEW PECAN PLANTINGS

\*\*\*\*\*

Project Number: AL 559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

ANNUAL CLOVER YIELD TRIAL

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:  
EVALUATION OF PLANT INTRODUCTION OF CRIMSON CLOVER

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

BAHAIGRASS VARIETY TRIALS

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CULTIVAR EVALUATION OF TALL FFESCUE UNDER GRAZING AND CUTTING  
MANAGEMENT REGIMES

\*\*\*\*\*

Project Number: HATCH559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

TALL FESCUE VARIETY TRIALS 1989-1991

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

EVALUATION OF SOYBEAN BREEDING LINES

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

EFFECT OF NEMATODES ON SOYBEAN VARIETIES

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

USDA REGIONAL SOYBEAN NURSERY UNIFORM GROUP, TESTS VI, VII, VIII

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:  
EFFECT OF FROGEYE LEAFSPOT ON YIELD OF SOYBEANS

\*\*\*\*\*

Project Number:  
Department: Alabama A & M, Plant & Soil Sci.

Project Leader: SAPRA, V.

Title:  
SCREENING OF WHEAT AND TRITICALE GERMPLASM FOR HESSIAN FLY  
RESISTANCE

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: HARRIS, R.R.

Title:  
FORAGE-BASED SYSTEMS FOR BEEF PRODUCTION IN SOUTHERN ALABAMA

\*\*\*\*\*

Project Number: ALA-00721  
Department: Animal and Dairy Sciences

Project Leader: HARRIS, R.R.  
SNYDER

Title:  
THE EPIDEMIOLOGY AND SEASONAL CHANGE OF GASTROINTESTINAL NEMATODE  
POPULATION IN CATTLE IN ALABAMA

\*\*\*\*\*

Project Number:  
Department: Entomology

Project Leader: ESTES, P.  
GUDAUSKAS, R.

Title:  
EVALUATION OF SYSTEMIC INSECTICIDE TREATMENTS FOR CONTROL OF  
HESSIAN FLY AND BARLEY YELLOW DWARF DISEASE ON WHEAT

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 556

Department: Entomology

Project Leader: ESTES, P.M.

Title:

PECAN INSECTS

\*\*\*\*\*

Project Number: H-688

Department: Horticulture

Project Leader: BROWN, J.

Title:

BELL PEPPER VARIETY EVALUATION

\*\*\*\*\*

Project Number: 9-108

Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:

FRESH MARKET TOMATO VARIETY TEST

\*\*\*\*\*

Project Number: HATCH691

Department: Horticulture

Project Leader: DANGLER, J.

JACOBSEN, B.

Title:

EFFECT OF POTASSIUM FERTILIZER SOURCE AND RATE ON EARLY BLIGHT  
INCIDENCE AND YIELD OF IRISH POTATOES

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: DOZER, W.

Title:

CITRUS MANAGEMENT STUDY

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 477  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:  
PEACH VARIETY EVALUATING PLANTING

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:  
DETERMINE SUITABILITY OF KIWI AS A COMMERCIAL FRUIT CROP IN SOUTH ALABAMA

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:  
EVALUATION OF FEIJOA VARIETIES & DETERMINE THEIR POTENTIAL AS A COMMERCIAL FRUIT CROP IN SOUTH ALABAMA

\*\*\*\*\*

Project Number: 741  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:  
PERFORMANCE OF ASIAN PEARS IN SOUTH ALABAMA

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: GILLIAM, C.H.

Title:  
EVALUATION OF IN-GROUND CONTAINERS FOR FIELD-GROWN ORNAMENTALS

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 9-204

Department: Horticulture

Project Leader: GOFF, W.D.

Title:

PECAN CULTIVAR EVALUATION

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: HIMELRICK, D.

Title:

EVALUATION OF SPRING-BEARING AND DAY-NEUTRAL STRAWBERRY

CULTIVARS ON PLASTIC MULCH AND MATTED ROW CULTURE

\*\*\*\*\*

Project Number: 9-108

Department: Horticulture

Project Leader: KOVACH, S.

Title:

SWEET CORN VARIETY TESTS

\*\*\*\*\*

Project Number: ALA. 09-A

Department: Horticulture

Project Leader: KOVACH, S.

CURTIS, L.

Title:

PRODUCTION OF TOMATOES GROWN UNDER PLASTIC MULCH AND CHEMIGATION

\*\*\*\*\*

Project Number: 481

Department: Horticulture

Project Leader: NORTON, J.D.

Title:

WATERMELON VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 384  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

PLUM VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: HATCH802  
Department: Plant Pathology

Project Leader: BACKMAN, P.  
PLOPER, L.D.

Title:

EVALUATION OF FOLIAR AMMENDMENTS AND APPLIED MICROORGANISMS FOR  
CONTROL OF POTATO EARLY BLIGHT (ALTERNARIA SOLANI)

\*\*\*\*\*

Project Number: 614  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

SOYBEAN DISEASE CONTROL

\*\*\*\*\*

Project Number:  
Department: Plant Pathology

Project Leader: GUDAUSKAS

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES IN ALABAMA

\*\*\*\*\*

Project Number: 5-865  
Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

FUNGICIDES FOR WHEAT DISEASE CONTROL

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Gulf Coast Substation

\*\*\*\*\*

Project Number: 388

Department: Plant Pathology

Project Leader: LATHAM, A.J.

Title:

EVALUATION AND CONTROL OF DISEASES OCCURING IN A HIGH DENSITY  
PLANTING OF SELECTED PECAN CULTIVARS

\*\*\*\*\*

Project Number: ALA. 05-A

Department: Plant Pathology

Project Leader: MCINNES, B.

Title:

EVALUATION OF FUNGICIDES FOR CONTROL OF WATERMELON GUMMY STEM  
BLIGHT AND CANTALOUPE POWDERY MILDEW

\*\*\*\*\*

Project Number: 407

Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:

SOYBEAN NEMATICIDE TESTS

\*\*\*\*\*

Project Number: 450

Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:

MANAGEMENT SYSTEMS FOR NEMATODE CONTROL IN SOYBEANS

\*\*\*\*\*

LOWER COASTAL PLAIN SUBSTATION

CAMDEN, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Lower Coastal Plain Substation

\*\*\*\*\*

Project Number: 30036

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

THURLOW, D.L.

Title:

REGULAR CORN VARIETY TEST

\*\*\*\*\*

Project Number: 30036

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

THURLOW, D.L.

Title:

SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 30036

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

THURLOW, D.L.

Title:

SMALL GRAIN VARIETY TEST (SMALL GRAIN ONLY)

\*\*\*\*\*

Project Number: 30036

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

THURLOW, D.L.

Title:

SMALL GRAIN VARIETY TEST (FORAGE ONLY)

\*\*\*\*\*

Project Number: 30036

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

THURLOW, D.L.

Title:

SMALL GRAIN VARIETY TEST (GRAIN AFTER GRAZING)

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Lower Coastal Plain Substation

\*\*\*\*\*

Project Number: 670  
Department: Agronomy & Soils

Project Leader: MULLINS, G.L.  
ODOM, J.W.

Title:  
UTILIZATION OF PAPER MILL SLUDGE AS A SOIL AMENDMENT IN SOUTHERN ALABAMA

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: BRANSBY, D.I.  
WARD, C.Y.

Title:  
SELECTION OF HERBACEOUS SPECIES FOR ENERGY CROPS FOR THE SOUTHERN USA

\*\*\*\*\*

Project Number: HATCH 752  
Department: Animal and Dairy Sciences

Project Leader: HOUGH, J.  
MULVANEY, D.P.  
SCHMIDT, S.P.

Title:  
EFFECTS OF SELECTION FOR RIBEYE AREA IN BRANGUS CATTLE

\*\*\*\*\*

Project Number: HATCH 680  
Department: Animal and Dairy Sciences

Project Leader: KUHLLERS, D.L.  
JUNGST, S.B.

Title:  
SYSTEMS EVALUATION OF THREE-BREED ROTATIONAL AND THREE-BREED TERMINAL CROSSBREEDING PROGRAMS IN SWINE

\*\*\*\*\*

Project Number:  
Department: Entomology

Project Leader: STROTHER, G.R.

Title:  
FIELD EVALUATION OF EXPERIMENTAL AND LABELLED EAR TAGS FOR PYRETHROID RESISTANT HORN FLY CONTROL ON CATTLE

\*\*\*\*\*

**MONROEVILLE EXPERIMENT FIELD**  
**MONROEVILLE, ALABAMA**





Alabama Agricultural Experiment Station Projects

Location: Monroeville Experiment Field

\*\*\*\*\*

Project Number: 3-0028

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 3-0029

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON VARIETY TEST

\*\*\*\*\*

Project Number: 3-0028

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

CORN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0028

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SMALL GRAIN VARIETY FOR GRAIN

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

SMALL GRAIN VARIETIES FOR FORAGE

\*\*\*\*\*

Project Number: 3-0027

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

PRELIMINARY SOYBEAN VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Monroeville Experiment Field

\*\*\*\*\*

Project Number: 3-0029  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
COTTON NEW STRAINS TEST

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: MASK, P.L.  
THURLOW, D.L.  
REEVES, D.W.

Title:  
TROPICAL CORN VARIETY TRIAL

\*\*\*\*\*

Project Number: 346  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:  
TWO-YEAR ROTATION

\*\*\*\*\*

Project Number: 3-0027  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:  
RATES OF N,P,K ON TRITICALE & TROPICAL CORN

\*\*\*\*\*

Project Number: 389  
Department: Agronomy & Soils

Project Leader: MULLINS, G.L.

Title:  
LIME & PHOSPHORUS FOR CORN

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Monroeville Experiment Field

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: MULLINS, G.L.

Title:

UTILIZATION OF PAPER MILL SLUDGE

\*\*\*\*\*

Project Number: 529

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

Title:

TILLAGE COMPARISONS FOR WHEAT AND THE EFFECT ON NO-TILLAGE COTTON

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

MASK, P.L.

CREWS, J.R.

REEVES, D.W.

Title:

ALTERNATIVE DOUBLE CROPPING SYSTEMS FOR GRAIN PRODUCTION IN THE SOUTH EAST

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BREEDING FOR INCREASED SEEDLING VIGOR IN ARROWLEAF CLOVER

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

SEED INCREASE FOR CRIMSON CLOVER

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Monroeville Experiment Field

\*\*\*\*\*

Project Number: 5-865

Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES IN ALABAMA

\*\*\*\*\*

Project Number:

Department: USDA - ARS NSDL

Project Leader: EDWARDS, J.H.

WEAVER, D.B.

Title:

INFLUENCE OF ROTATION & SOYBEAN CULTIVARS ON GROWTH, YIELD AND  
FOLIAR DISEASE OCCURRENCE IN SOYBEAN

\*\*\*\*\*

Project Number:

Department: USDA - ARS NSDL

Project Leader: REEVES, D.W.

TOUCHTON, J.T.

Title:

EVALUATION OF WHITE LUPINE GERMPLASM

\*\*\*\*\*

NORTH ALABAMA HORTICULTURE SUBSTATION  
CULLMAN, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: North Alabama Horticulture Substation

\*\*\*\*\*

Project Number: 658  
Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:  
ADVANCED TOMATO BREEDING LINE

\*\*\*\*\*

Project Number: 658  
Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:  
TOMATO VARIETY TRIAL

\*\*\*\*\*

Project Number: 658  
Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:  
SOUTHERNPEA ADVANCED BREEDING LINE

\*\*\*\*\*

Project Number: 606  
Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:  
POLEBEAN VARIETY TRIAL

\*\*\*\*\*

Project Number: 658  
Department: Horticulture

Project Leader: CHAMBLISS, O.L.

Title:  
SOUTHERN TOMATO EXCHANGE PROGRAM (STEP)

\*\*\*\*\*

Project Number: 691  
Department: Horticulture

Project Leader: DANGLER, J.

Title:  
EVALUATION OF MEDIA AND RATE OF LIME APPLICATION FOR SWEET POTATO  
SLIP PRODUCTION

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: North Alabama Horticulture Substation

\*\*\*\*\*

Project Number: 708  
Department: Horticulture

Project Leader: DANGLER, J.

Title:

NITROGEN RATE AND SPACING FOR YELLOW CROOKNECK SQUASH

\*\*\*\*\*

Project Number: 708  
Department: Horticulture

Project Leader: DANGLER, J.

Title:

EFFECT OF PRUNING ON FOUR CULTIVAR TOMATOES

\*\*\*\*\*

Project Number: 708  
Department: Horticulture

Project Leader: DANGLER, J.

Title:

SPACING AND NITROGEN RATES FOR CABBAGE

\*\*\*\*\*

Project Number: 368  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECT OF SOIL AMENDMENTS ON ESTABLISHING BLUEBERRIES

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PEACH AND NECTARINES CULTIVAR EVALUATION IN NORTH ALABAMA

\*\*\*\*\*

Project Number: 741  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PERFORMANCE OF ASIAN PEARS IN CENTRAL ALABAMA

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: North Alabama Horticulture Substation

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: KOVACH, S.P.  
Title:

CANTELOUPE HERBICIDE EVALUATION

\*\*\*\*\*

Project Number: 688  
Department: Horticulture

Project Leader: KOVACH, S.P.  
Title:

SWEET CORN VARIETY TRIALS

\*\*\*\*\*

Project Number: 640  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

PLUM VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

WATERMELON VARIETY BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

WATERMELON HERBICIDE EVALUATION

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

CANTALOUPE & WATERMELON SEED INCREASES

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: North Alabama Horticulture Substation

\*\*\*\*\*

Project Number: 688  
Department: Horticulture

Project Leader: POARCH, D.W.

Title:  
BROCCOLI VARIETY TRIAL

\*\*\*\*\*

Project Number: 688  
Department: Horticulture

Project Leader: POARCH, D.W.

Title:  
SWEET CORN VARIETY TRIAL

\*\*\*\*\*

Project Number: 691  
Department: Horticulture

Project Leader: POARCH, D.W.

Title:  
THE EFFECT OF BROILER LITTER ON VEGETABLE PRODUCTION USED AT THREE  
RATES OVER A FIVE YEAR APPLICATION PERIOD

\*\*\*\*\*

Project Number:  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:  
TESTING FOR ENHANCED PATHOGENESIS OF PSEUDOMONAS SURINAGE pv.  
PHASEOLLIOLA ON COMMON BEAN PHASEOLLS VULGARIS USING VARIOUS LEAF  
AMENDMENTS

\*\*\*\*\*

Project Number: 345  
Department: Plant Pathology

Project Leader: LATHAM, A.J.

Title:  
EVALUATION OF DISEASE CONTROL AND MANAGEMENT PRACTICES IN HIGH  
DENSITY CONVENTIONAL APPLE ORCHARD

\*\*\*\*\*

ORNAMENTAL HORTICULTURE SUBSTATION  
MOBILE, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Ornamental Horticulture Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: DICKENS, R.

Title:

BIOLOGY OF VIRGINIA BUTTONWEED

\*\*\*\*\*

Project Number: ALA-09-A

Department: Horticulture

Project Leader: BEHE, B.K.

Title:

EBB AND FLOW PRODUCTION OF POINSETTIA

\*\*\*\*\*

Project Number: ALA-09-A

Department: Horticulture

Project Leader: DENEKE, C.F.

Title:

EVALUATION OF HEAT STRESS ON PANSY GROWTH

\*\*\*\*\*

Project Number: ALA-09-A

Department: Horticulture

Project Leader: EAKES, D.J.

Title:

COMPARISON OF SLOW RELEASE FERTILIZERS

\*\*\*\*\*

Project Number: 660

Department: Horticulture

Project Leader: GILLIAM, C.H.

Title:

SOIL STERILANTS

\*\*\*\*\*

Project Number: 660

Department: Horticulture

Project Leader: GILLIAM, C.H.

Title:

SCREENING OF NEW HERBICIDES

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Ornamental Horticulture Substation

\*\*\*\*\*

Project Number: 660  
Department: Horticulture

Project Leader: GILLIAM, C.H.

Title:

WATER QUALITY SURVEY

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.

Title:

NAA w/KLIP-KLEEN

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.

Title:

WOODY PLANTS FOR INTERIOR USES

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.

Title:

BRANCHING AS AFFECTED BY PRUNING AND PGR APPL. TIME

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.

Title:

PGR STIMULATION OF 'HARBOR DWARF' NANDINA

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.

Title:

PGR INDUCED BRANCHING THROUGHOUT PRODUCTION

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Ornamental Horticulture Substation

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.  
Title:  
EFFECTS OF SUMAGIC ON FLORIST AZALEAS

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.  
Title:  
NAA w/KLIP-KLEEN

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.  
Title:  
GROWTH AND FLOWERING OF SUMAGIC-TREATED WOODY ORNAMENTALS

\*\*\*\*\*

Project Number: 748  
Department: Horticulture

Project Leader: KEEVER, G.J.  
Title:  
EFFECTS OF SUMAGIC AND CYCOCEL ON FLORIST AZALEAS

\*\*\*\*\*

Project Number: 660  
Department: Horticulture

Project Leader: TILT, K.  
Title:  
IN-GROUND CONTAINERS FOR FIELD GROWN ORNAMENTALS

\*\*\*\*\*

Project Number: 24-001  
Department: Plant Pathology

Project Leader: HAGAN, A.K.  
Title:  
FUNGICIDES AND ROOTING

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Ornamental Horticulture Substation

\*\*\*\*\*

Project Number: 00825

Department: Plant Pathology

Project Leader: HAGAN, A.K.

Title:

ANTHRACNOSE CONTROL ON EUONYMUS

\*\*\*\*\*

Project Number: 0825

Department: Plant Pathology

Project Leader: HAGAN, A.K.

Title:

WEB BLIGHT CONTROL ON AZALEA

\*\*\*\*\*



PIEDMONT SUBSTATION  
CAMP HILL, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Piedmont Substation

\*\*\*\*\*

Project Number: HATCH 503  
Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.  
SCHMIDT, S.P.

Title:  
EFFECT OF STOCKING RATE AND LEVEL OF FUNGAL INFECTION ON GAINS OF  
STEERS GRAZING TALL FESCUE

\*\*\*\*\*

Project Number: 03-0033  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
BERMUDAGRASS VARIETY TEST

\*\*\*\*\*

Project Number: 03-0033  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
RYEGRASS VARIETY TEST

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
WHITE CLOVER VARIETY TEST

\*\*\*\*\*

Project Number: 3-30032  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:  
SMALL GRAIN VARIETY TEST

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Alabama Agricultural Experiment Station Projects

Location: Piedmont Substation

\*\*\*\*\*

Project Number: HATCH 559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

1989 TALL FESCUE VARIETY TRIALS

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

CRIMSON CLOVER VARIETY TRIALS

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

BAHAIAGRASS VARIETY TRIAL

\*\*\*\*\*

Project Number: 19X274092  
Department: Agronomy & Soils

Project Leader: WARD, C.Y.  
BRANSBY, D.I.

Title:

SELECTION OF HERBACEOUS SPECIES FOR ENERGY CROPS FOR SOUTHEASTERN U.S.A.

\*\*\*\*\*

Project Number: TVA GRANT  
Department: Agronomy & Soils

Project Leader: WARD, C.Y.  
BRANSBY, D.I.

Title:

PRODUCTION OF HIGH PROTEIN BIOMASS ON MARGINAL CROPLAND

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Piedmont Substation

\*\*\*\*\*

Project Number:

Department: Animal and Dairy Sciences

Project Leader: SNYDER, D.  
HARRIS, R.R.

Title:

EPIDEMIOLOGY & SEASONAL CHANGES OF GASTROINTESTINAL NEMATODE  
POPULATIONS IN CATTLE IN ALABAMA

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: CHAMBLISS, O.L.  
HUNTER, A.G.

Title:

TOMATO VARIETY TRIAL

\*\*\*\*\*

Project Number: 344

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PERFORMANCE OF SPUR TYPE AND NON-SPUR TYPE DELICIOUS APPLES ON  
TRELLIS

\*\*\*\*\*

Project Number: 344

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

THE EVALUATION OF NEW STRAINS OF RED AND YELLOW DELICIOUS APPLES

\*\*\*\*\*

Project Number: 344

Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECTS OF NITROGEN APPLICATION METHODS AND RATES ON PERFORMANCE OF  
TRELLISED SPUR RED DELICIOUS APPLES

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Piedmont Substation

\*\*\*\*\*

Project Number: 344  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EFFECTS ON DRIP IRRIGATION AND NITROGEN RATES ON PERFORMANCE OF  
FREE-STANDING RED DELICIOUS APPLES ON MM106 ROOTSTOCK

\*\*\*\*\*

Project Number: 526  
Department: Horticulture

Project Leader: GILLIAM, C.H.  
PONDER, H.G.  
FARE, D.C.

Title:

EVALUATION OF SHADE AND ORNAMENTAL TREES FOR LANDSCAPE USAGE

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: HIMELRICK, D.G.

Title:

UTILIZATION OF POULTRY, CATFISH, LUMBER WASTE PRODUCTS & LIVING  
MULCHES TO REDUCE EROSION & CHEMICAL INPUTS IN BLUEBERRY  
FARMING SYSTEMS

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: HIMELRICK, D.G.

Title:

BLUEBERRY RESPONSE TO INCORPORATED SOIL AMENDMENTS

\*\*\*\*\*

Project Number: 344  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

EFFECTS OF DRIP IRRIGATION AND NITROGEN RATES ON PERFORMANCE OF  
TRELLISED RED DELICIOUS APPLES ON MM106 ROOTSTOCK

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Alabama Agricultural Experiment Station Projects

Location: Piedmont Substation

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Project Number: 384  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

PLUM VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

CHESTNUT VARIETY TEST

\*\*\*\*\*

Project Number:  
Department: Horticulture

Project Leader: POWELL, A.A.

Title:

SOUTHERN REGIONAL BLUEBERRY GERMPLASM EVALUATION

\*\*\*\*\*

Project Number: HATCH 748  
Department: Horticulture

Project Leader: TILT, K.  
VAN SANTEN, E.

Title:

COMPANION PLANTING FOR FIELD PRODUCTION OF NURSERY CROPS

\*\*\*\*\*

Project Number:  
Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASE IN ALABAMA

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Piedmont Substation

\*\*\*\*\*

Project Number:

Department: Zoology & Wildlife

Project Leader: STRIBLING, H.L.

SPEAKE, D.W.

Title:

COMPATIBILITY OF COTTONTAIL RABBIT AND BOBWHITE QUAIL MANAGEMENT ON ALABAMA FARM WOODLANDS

\*\*\*\*\*

Project Number: W44

Department: Zoology & Wildlife

Project Leader: STRIBLING, H.L.

Title:

PRODUCTION, COST, AND UTILIZATION OF WILDLIFE FORAGE PLANTING IN ALABAMA

\*\*\*\*\*

Project Number:

Department: Zoology & Wildlife

Project Leader: STRIBLING, H.L.

ARMSTRONG,

CAUSEY, M.K.

Title:

EFFECTIVENESS OF POLYTAPE ELECTRIC FENCES FOR EXCLUDING WHITE TAIL DEER

\*\*\*\*\*

Project Number:

Department: Alabama Forestry Commission

Project Leader: ALABAMA FORESTRY COMM.

Title:

PINE CLONE BANK

\*\*\*\*\*



PRATTVILLE EXPERIMENT FIELD

PRATTVILLE, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES IN ALABAMA

\*\*\*\*\*

Project Number: 3-0033

Department: Agronomy & Soils

Project Leader: HENDERSON, J.B.

Title:

EARLY SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0029

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON NEW STRAINS TEST

\*\*\*\*\*

Project Number: 3-0029

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON VARIETY TEST

\*\*\*\*\*

Project Number: 3-0029

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON STRAINS TEST

\*\*\*\*\*

Project Number: 3-0024

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

RATE OF FERTILIZING COTTON

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

\*\*\*\*\*

Project Number: 346  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:  
TWO-YEAR ROTATION

\*\*\*\*\*

Project Number: 3-0024  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:  
RATES OF N, P, & K FOR SWEET POTATOES

\*\*\*\*\*

Project Number: 3-024  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

BALL, D.M.

Title:  
MAXIMUM YIELD ALFALFA

\*\*\*\*\*

Project Number: ALA 00675  
Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:  
PRODUCTION OF VETCH BREEDER SEED

\*\*\*\*\*

Project Number: 670  
Department: Agronomy & Soils

Project Leader: MULLINS, G.L.

Title:  
DEEP PLACEMENT OF POTASSIUM FOR COTTON

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

\*\*\*\*\*

Project Number: 03-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EFFECTIVENESS OF COTTON DEFOLIANTS

\*\*\*\*\*

Project Number: 03-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EFFECT OF PLANT GROWTH REGULATORS ON COTTON

\*\*\*\*\*

Project Number: 03-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EFFECT OF ROW PATTERN, WEED CONTROL AND PIX ON COTTON

\*\*\*\*\*

Project Number: 03-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

PRE-EMERGENCE vs. POSTEMERGENCE WEED CONTROL IN COTTON

\*\*\*\*\*

Project Number: 03-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EVALUATION OF PE 350 FOR MORNINGGLORY CONTROL IN COTTON

\*\*\*\*\*

Project Number: 03-0034  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EVALUATION OF PE 350 ON COTTON YIELD AND MATURITY

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

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Project Number:

Department: Agronomy & Soils

Project Leader: REEVES, D.W.

Title:

ALTERNATIVE DOUBLECROPPING SYSTEMS FOR GRAIN PRODUCTION IN THE SOUTHEAST

\*\*\*\*\*

Project Number: 3-0027

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

SOYBEAN VARIETY TESTS

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

CORN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0027

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

PRELIMINARY SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

USDA UNIFORM CENTRAL AREA WINTER OAT NURSERY

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

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Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

SMALL GRAIN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 690

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

REEVES, D.W.

Title:

ROW SPACING AND PLANTING RATE INTERACTIONS FOR WHEAT GRAIN

PRODUCTION

\*\*\*\*\*

Project Number: 690

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

Title:

TIME, DEPTH AND PLACE OF SUBSOILING FOR CORN

\*\*\*\*\*

Project Number: H-559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIAGRASS VARIETY TRIALS 1980-1991

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Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

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Project Number: H-554  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:  
TALL FESCUE VARIETY TRIALS 1989-1991

\*\*\*\*\*

Project Number: H-509  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:  
CRIMSON CLOVER VARIETY TRIALS 1984-90

\*\*\*\*\*

Project Number: H-550  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:  
CRIMSON CLOVER SEED TRIALS 1984-1990

\*\*\*\*\*

Project Number: H-600  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:  
ANNUAL RYEGRASS CONTROL IN WHEAT

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:  
CASOB SEEDS IN SOIL vs. TRHESHOLD RESEEDING FREQUENCY

\*\*\*\*\*

Project Number: 3-183  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:  
ECOTYPIC & GEOGRAPHIC EFFECTS ON SICKLEPOD COMPETITION

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

RO173664/HOE 46360/C4874 AND STANDARDS = JOHNGRASS CONTROL

\*\*\*\*\*

Project Number: H-768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

SULFONYLUREA MULTICROP THREE YEAR STUDY

\*\*\*\*\*

Project Number: H768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

SCEPTER INTERACTION WITH ORGANOPHOSPHATE INSECTICIDES - COTTON

\*\*\*\*\*

Project Number: H768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

COMPARISON HM8902, HM8909, AND INDUCE: HERBICIDE EFFICACY

\*\*\*\*\*

Project Number: H768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

COMPARISON OF HM8802A & AGRIDEX

\*\*\*\*\*

Project Number: H768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

PURPLE NUTSEDGE CONTROL WITH PURSUIT AND REFLEX

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Prattville Experiment Field

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Project Number: H768

Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

ACCENT, BEACON VS. CORN VIRUS DISEASES

\*\*\*\*\*

Project Number: H768

Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

JOHNSON AND CRABGRASS CONTROL WITH BEACON AND ACCENT

\*\*\*\*\*

Project Number: 561

Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

FIELD EVALUATION OF EXPERIMENTAL SOYBEANS GENOTYPES

\*\*\*\*\*

Project Number: H679

Department: Entomology

Project Leader: SMITH, R.H.

Title:

EVALUATION OF PYRETHROID INSECTICIDES ON SECONDARY PESTS

\*\*\*\*\*

SAND MOUNTAIN SUBSTATION  
CROSSVILLE, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

\*\*\*\*\*

Project Number: 715

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

RELATIVE PRODUCTIVITY OF SHEEP AND CATTLE ON RYEGRASS PASTURES

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

WARD, C.Y.

Title:

BIOMASS PRODUCTION FROM SELECTED HERBACEOUS SPECIES IN THE  
SOUTHEASTERN U.S.A.

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

MCCASKEY, T.A.

Title:

CONSTRUCTED WETLANDS FOR TREATMENT OF AGRICULTURAL WASTE WATER:  
EVALUATION OF STRATEGIES TO IMPROVE COST-EFFECTIVENESS

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

SNYDER, D.E.

Title:

INNOVATIVE STRATEGIES TO COMBAT FESCUE TOXICOSIS

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: DICKENS, R.

DUTE, R.R.

Title:

BIOLOGY OF VIRGINIA BUTTONWEED

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: EDWARDS, J.H.

Title:

INFLUENCE OF SPRING AND FALL TILLAGE ON GROWTH AND YIELD OF  
SOYBEAN/WHEAT DOUBLE CROPPING SYSTEM

\*\*\*\*\*

Project Number: CRIS7720

Department: Agronomy & Soils

Project Leader: EDWARDS, J.H.

WEAVER, D.B.

Title:

INFLUENCE OF ROTATION AND SOYBEAN CULTIVARS ON GROWTH, YIELDS AND  
SOIL CYST NEMATODES POPULATIONS

\*\*\*\*\*

Project Number: CRIS 7720

Department: Agronomy & Soils

Project Leader: EDWARDS, J.H.

Title:

CONSERVATION TILLAGE-CROPPING SYSTEMS FOR SOYBEANS AND/OR CORN

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

BERMUDA VARIETY TEST

\*\*\*\*\*

Project Number: 3-033

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

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Project Number: 503-71

Department: Agronomy & Soils

Project Leader: KEE, D.D.  
BRANSBY, D.I.

Title:

THE EFFECT OF DEFOLIATION FREQUENCY AND CUTTING HEIGHT ON THE  
YIELD AND PERSISTENCE OF TIFTON 78 BERMUDA, SAND MT. BANIAGRASS,  
SWITCHGRASS & WEEPING LOVEGRASS IN NORTHEASTERN ALABAMA

\*\*\*\*\*

Project Number: 350

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

TWO YEAR ROTATION

\*\*\*\*\*

Project Number: 350

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

MAXIMUM YIELD TEST

\*\*\*\*\*

Project Number: 350

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

RATES OF N, P, K FOR SMALL GRAIN TROPICAL CORN PRODUCTION SYSTEMS

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: REEVES, D.W.

MASK, P.L.

DELANEY, D.P.

Title:

INTENSIVE MANAGEMENT SYSTEMS FOR WHEAT

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: REEVES, D.W.  
TOUCHTON, J.T.

Title:

NITROGEN RESPONSE OF TROPICAL CORN FOLLOWING CLOVER

\*\*\*\*\*

Project Number: 503

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

RYEGRASS VARIETY

\*\*\*\*\*

Project Number: 03-032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

SMALL GRAIN VARIETY FORAGE ONLY AND GRAIN

\*\*\*\*\*

Project Number: 03-032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 03-032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

EARLY MATURING CORN HYBRID VARIETY TEST

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

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Project Number: 03-032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

REGULAR CORN VARIETY TEST

\*\*\*\*\*

Project Number: 03-032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

PRELIMINARY CORN VARIETY TEST

\*\*\*\*\*

Project Number: 2-0028

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

WHITE CORN VARIETY TEST

\*\*\*\*\*

Project Number: 03-0027

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

SOYBEAN VARIETY EVALUATIONS IN ALABAMA

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

Title:

BROILER LITTER AS A FERTILIZER SOURCE FOR WHEAT

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: TOUCHTON, J.T.

MAYS, D.

Title:

USE OF WINTER ANNUAL COVER CROPS TO REDUCE OR PREVENT LEACHING OF SOIL NITRATE REMAINING AT THE END OF THE SUMMER GROWING SEASON

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

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Project Number: AL-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

BAHIA VARIETY TEST

\*\*\*\*\*

Project Number: AL-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

ORCHARDGRASS VARIETY TEST

\*\*\*\*\*

Project Number: AL-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

FESCUE VARIETY TEST

\*\*\*\*\*

Project Number: AL-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

EMERGENCE AND STAND ESTABLISHMENT FOR GRASSES AND LEGUMES IN ALABAMA

\*\*\*\*\*

Project Number: H559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.  
Title:

RESPONSE OF TALL FESCUE CULTIVARS TO DATE OF SEEDING

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

\*\*\*\*\*

Project Number: H559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSON CLOVER SEED YIELD TRIALS 1989 AND 1990

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIAGRASS AND ALFALFA IN MIXTURE

\*\*\*\*\*

Project Number: H559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSON CLOVER FORAGE VARIETY TRIAL

\*\*\*\*\*

Project Number: H559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

HATCH, U.

Title:

CULTIVAR EVALUATION OF TALL FESCUE UNDER GRAZING AND CUTTING  
MANAGEMENT REGIMES

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WARD, C.Y.

BRANSBY, D.I.

Title:

THE EFFECT OF METHOD AND RATE OF SEEDLING ON THE STAND DENSITY AND  
BIOMASS YIELD OF SWITCHGRASS SERECIA LESPEDEZA

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

FIELD EVALUATION OF EXPERIMENTAL SOYBEAN GENOTYPES

\*\*\*\*\*

Project Number: H690  
Department: Agronomy & Soils

Project Leader: WOOD, C.W.  
WEAVER, D.B.

Title:

TIMING OF NITROGEN FERTILIZATION FOR SOYBEANS IN ALABAMA

\*\*\*\*\*

Project Number: H690  
Department: Agronomy & Soils

Project Leader: WOOD, C.W.

Title:

COMPOSTED LITTER AS A SOURCE OF NITROGEN FOR CORN

\*\*\*\*\*

Project Number: H690  
Department: Agronomy & Soils

Project Leader: WOOD, C.W.  
EDWARDS, J.H.

Title:

UTILIZATION OF NUTRIENTS IN BROILER LITTER BY CORN AS AFFECTED BY TILLAGE

\*\*\*\*\*

Project Number: AGI 89 501  
Department: Animal and Dairy Sciences

Project Leader: RANKINS, D.L.,JR.

Title:

NUTRITIONAL AND TOXICOLOGICAL EVALUATION OF DEEP STACK PROCESSED BROILER LITTER FED TO BEEF CATTLE

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

\*\*\*\*\*

Project Number:

Department: Animal and Dairy Sciences

Project Leader: RANKINS, D.L.,JR.

Title:

EVALUATION OF DEEP STACKED PROCESSED BROILER LITTER AS AN  
INGREDIENT FOR CALF CREEP RATIONS

\*\*\*\*\*

Project Number:

Department: Horticulture

Project Leader: DANGLER, J.

Title:

ASPARAGUS VARIETY TRIAL

\*\*\*\*\*

Project Number: H691

Department: Horticulture

Project Leader: DANGLER, J.M.

JACOBSEN, B.J.

Title:

EFFECT OF POTASSIUM FERTILIZER SOURCE AND RATE ON EARLY BLIGHT  
INCIDENCE AND YIELD OF IRISH POTATOES

\*\*\*\*\*

Project Number: 642

Department: Horticulture

Project Leader: HIMELRICK, D.G.

Title:

EFFECT OF PRUNING METHOD AND IRRIGATION ON BLACKBERRIES

\*\*\*\*\*

Project Number: 688

Department: Horticulture

Project Leader: KOVACH, S.P.

Title:

SWEET CORN VARIETY TRIALS

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Sand Mountain Substation

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Project Number: H-610  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

WATERMELON VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

CANTALOUPE VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: 640  
Department: Horticulture

Project Leader: NORTON, J.D.  
Title:

PLUM VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: 688  
Department: Horticulture

Project Leader: POARCH, D.W.  
Title:

THE EFFECTS OF BROILER LITTER ON VEGETABLE PRODUCTION USED AT THREE RATES OVER A FIVE YEAR APPLICATION PERIOD

\*\*\*\*\*

Project Number: H748  
Department: Horticulture

Project Leader: TILT, K.M.  
Title:

COMPANION PLANTINGS FOR FIELD PRODUCTION OF NURSERY CROPS

\*\*\*\*\*

TENNESSEE VALLEY SUBSTATION  
BELLE MINA, ALABAMA





Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number:

Department: Agricultural Engineering

Project Leader: YOO, K.H.

Title:

SOIL EROSION EXPERIMENT

\*\*\*\*\*

Project Number: 715

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

EFFECT OF PREVIOUS EXPOSURE TO INFECTED FESCUE ON RESISTANCE OF COW-CALF PAIRS TO FESCUE TOXICOSIS

\*\*\*\*\*

Project Number: 715

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

EVALUATION OF ENERGY/PROTEIN/MINERAL SUPPLEMENT BLOCKS WITH AND WITHOUT MEDICATION TO CONTROL PARASITES IN STOCKER CATTLE

\*\*\*\*\*

Project Number: 715

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

SCHMIDT, S.P.

Title:

EVALUATION OF THREE FUNGUS FREE VARIETIES OF TALL FESCUE AT FOUR STOCKING RTES

\*\*\*\*\*

Project Number: 715

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

RESPONSE OF STEERS TO STOCKING RATE ON A RYE/RYEGRASS MIXTURE WITH AND WITHOUT CLOVER

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number: 432  
Department: Agronomy & Soils

Project Leader: BURMESTER, C.H.

Title:

COTTON PRODUCTION AS INFLUENCED BY ROTATIONS INVOLVING CORN,  
SOYBEANS, AND ALFALFA IN VARIOUS COMBINATIONS

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: BURMESTER, C.H.  
MITCHELL, C.C.  
WOOD, W.

Title:

EVALUATION OF BROILER LITTER AS A SOURCE OF FERTILIZER FOR COTTON

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: BURMESTER, C.H.  
ADAMS, J.T.

Title:

EVALUATION OF EFFICACY OF SURFACE APPLICATION OF NITROGEN  
FERTILIZER MATERIALS

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: BURMESTER, C.H.  
CHAPMAN, L.J.  
ADAMS, J.F.

Title:

FIELD EVALUATION OF THE COMAS-GOSSYM COTTON MODEL

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

CAL WEST ALFALFA VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number: 3-0029

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON REGIONAL HIGH QUALITY STRAINS TEST

\*\*\*\*\*

Project Number: 3-0029

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

COTTON VARIETY TEST

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:

IRRIGATED COTTON VARIETY TEST

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: MASK, P.L.

DELANEY, D.P.

Title:

INTENSIVE MANAGEMENT SYSTEMS FOR WHEAT

\*\*\*\*\*

Project Number: 3-0024

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

NPk TEST (ROTATION TROPICAL CORN-WHEAT-SOYBEANS)

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number: 3-0024

Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

TWO YEAR ROTATION (TROPICAL CORN-WHEAT-SOYBEANS)

\*\*\*\*\*

Project Number: 00675

Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:

TIME OF ALLY APLICATION vs OVERSEEDING WINTER FORAGE CROPS

\*\*\*\*\*

Project Number: 670

Department: Agronomy & Soils

Project Leader: MULLINS, G.L.  
BURMESTER, C.H.

Title:

DEEP PLACEMENT OF POTASSIUM FOR COTTON

\*\*\*\*\*

Project Number: 670

Department: Agronomy & Soils

Project Leader: MULLINS, G.L.

Title:

METHOD AND RATE OF FLUID K FERTILIZER APPLICATIONS FOR COTTON GROWN ON SOILS WITH AND WITHOUT WINTER GRAZING BY CATTLE

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: MULLINS, G.L.  
BURMESTER, C.H.

Title:

POTASSIUM FERTILIZER REQUIREMENTS FOR COTTON FOLLOWING ALFALFA

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

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Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

(1) EVALUATION OF PE350 FOR WEED CONTROL IN COTTON (ONE TEST)

(2) EVALUATION OF PE350 RECROP LIMITATIONS IN COTTON (ONE TEST)

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

BROADLEAF WEED SCREENING

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EFFECT OF COVER CROP AND TILLAGE ON FLUOMETURON PERSISTENCE

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EFFECT OF ROUNDUP RTE AND WEED SIZE ON WEED CONTROL

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EFFECT OF ROW PATTERN, WEED CONTROL AND PIX ON COTTON

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

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Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EVALUATION OF COMMAND FOR COTTON WEED CONTROL

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EVALUATION OF COTTON HARVEST AIDES IN COTTON (TWO TESTS)

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EVALUATION OF PLANT GROWTH REGULATORS ON COTTON

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

EVALUATION OF POSTEMERGENCE DIRECTED HERBICIDES IN COTTON

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

WEBSTER

Title:

JOHNSONGRASS CONTROL IN STRIP TILL COTTON (TWO TEST)

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

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Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

POSTEMERGENCE OVER-THE-TOP HERBICIDE TREATMENTS IN COTTON

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

PRE vs POST WEED CONTROL IN COTTON

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

SYSTEMS FOR WEED CONTROL IN STRIP TILL COTTON

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

CORN VARIETY TEST

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 3-0032

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

SMALL GRAIN VARIETY TEST (FORAGE ONLY)

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.  
Title:  
SMALL GRAIN VARIETY TEST (GRAIN ONLY)

\*\*\*\*\*

Project Number: 3-0021  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.  
Title:

SOYBEAN PRELIMINARY VARIETY TEST

\*\*\*\*\*

Project Number: 3-0021  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.  
Title:

SOYBEAN STATE VARIETY TEST

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.  
MASK, P.L.  
REEVES, D.W.

Title:  
TROPICAL CORN VARIETY TRIAL

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.  
Title:

USDA WHEAT NURSERY

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

WHITE WINTER WHEAT VARIETY TEST

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIAGRASS VARIETY TEST

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSON CLOVER VARIETY TRIALS

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

EMERGENCE AND STAND ESTABLISHMENT IN COOL SEASON GRASSES AND LEGUMES

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

TALL FESCUE VARIETY TRIALS

\*\*\*\*\*

Project Number: H768

Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

GX-217, SCEPTER, TRI-SCEKPT, SQUADRON, PURSUIT +, FREEDOM, COMMAND  
SCREENINGS IN SOYBEANS

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number: 768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

NOTILL: TOUCHDOWN, ROUNDUP, GRAMOXONE EXTRA COMBINATIONS IN SOYBEANS

\*\*\*\*\*

Project Number: H768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

V-53482 AND V-23021: METHOD OF APPLICATION AND RATE IN SOYBEANS

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

SOYBEAN ADVANCED HYBRID LINE TEST

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

UNIFORM V SOYBEAN VARIETY TEST

\*\*\*\*\*

Project Number: 561  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.

Title:

UNIFORM VI SOYBEAN VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

CORN HERBICIDE SCREENING

\*\*\*\*\*

Project Number: 00721

Department: Animal and Dairy Sciences

Project Leader: SNYDER, D.  
HARRIS, R.R.

Title:

THE EPIDEMIOLOGY AND SEASONAL CHANGES OF GASTROINTESTINAL NEMATODE POPULATIONS IN CATTLE IN ALABAMA

\*\*\*\*\*

Project Number:

Department: Entomology

Project Leader: ESTES, P.M.  
GUDAUSKAS, R.T.

Title:

EVALUATION OF SYSTEMIC INSECTICIDE TREATMENTS FOR CONTROL OF HESSIAN FLY AND BARLEY YELLOW DWARF DISEASE ON WHEAT

\*\*\*\*\*

Project Number: H-679

Department: Entomology

Project Leader: GAYLOR, M.J.

Title:

RESISTANCE TO SELECTED APHICIDES BY THE COTTON APHID AND RELATIVE SUSCEPTIBILITY OF THE APHID AND NON-TARGET INSECTS TO ALTERNATIVE INSECTICIDES

\*\*\*\*\*

Project Number: 477

Department: Horticulture

Project Leader: DOZIER, R.H.

Title:

BLUEBERRY PRODUCTION

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Tennessee Valley Substation

\*\*\*\*\*

Project Number: H660  
Department: Horticulture

Project Leader: TILT, K.  
HAGAN, A.  
MULLEN, J.  
GILLIAM, C.

Title:  
SUPPRESSION OF PHYTOPHTORA ROOT ROT ON BED GROWN AZALEA AND  
RHODEDENDRON WITH BIO-ACTIVE SOIL AMENDMENTS

\*\*\*\*\*

Project Number: H802  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.  
MAHAFFEE, W.

Title:  
EVALUATION OF CHEMICAL SEED TREATMENTS FOR CONTROL OF COTTON  
SEEDLINGS DESEASE COMPLEX

\*\*\*\*\*

Project Number:  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:  
SOYBEAN DISEASE WINDOW TEST

\*\*\*\*\*

Project Number: H802  
Department: Plant Pathology

Project Leader: BACKMAN, PA.  
MAHAFFEE, W.

Title:  
EVALUATION OF BIOLOGICAL SEED TDREATMENTS FOR CONTROL OF COTTON  
SEEDLING DESEASE COMPLEX

\*\*\*\*\*

Project Number: H711,S212  
Department: Plant Pathology

Project Leader: RIDRIGUEZ-KABANA, RODRIGO  
ROBERTSON, G.

Title:  
PEARL MILLET FOR THE MANAGEMENT OF NEMATODES IN COTTON

\*\*\*\*\*

UPPER COASTAL PLAIN SUBSTATION  
WINFIELD, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Upper Coastal Plain Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

SELECTION OF HERBACEOUS SPECIES FOR ENERGY IN THE SOUTHEAST

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

PRODUCTION OF HIGH PROTEIN BIOMASS ON MARGINAL LAND (THESE TWO MAIN PROJECTS COVER SEVERAL SMALL STUDIES WITHIN THESE PROJECTS)

\*\*\*\*\*

Project Number: 503-7

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

SCHMIDT, S.P.

Title:

RESPONSE OF STEERS TO ROTATIONAL AND CONTINUOUS GRAZING AT VARIOUS STOCK IN RATES ON INFECTED AND NON-INFECTED FESCUE

\*\*\*\*\*

Project Number: 503-686

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

SCHMIDT, S.P.

Title:

RESPONSE OF COW-CALF PAIRS AND STEERS TO STOCKING RATE AND NITROGEN FERTILIZATION ON COASTAL BERMUDA GRASS OVERSEEDDED WITH RYE AND RYE GRASS

\*\*\*\*\*

Project Number: 503

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

SCHMIDT, S.P.

Title:

RESPONSE OF BEEF COWS AND CALVES TO STOCKING RATES AND CREEP FEEDING ON FUNGUS INFESTED FESCUE - CLOVER PASTURES

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Upper Coastal Plain Substation

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
THURLOW, D.L.

Title:  
GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
THURLOW, W.L.

Title:  
SMALL GRAIN VARIETY TEST (INCLUDES GRAIN ONLY, FORAGE ONLY, AND  
GRAZING PLUS GRAIN)

\*\*\*\*\*

Project Number: 3-0032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
THURLOW, D.L.

Title:  
REGULAR CORN VARIETY TEST

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
CALGENE, INC.

Title:  
CANOLA VARIETY EVALUATION

\*\*\*\*\*

Project Number: 3-0024  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:  
NPK TEST - TROPICAL CORN, WHEAT ROTATION

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Upper Coastal Plain Substation

\*\*\*\*\*

Project Number: ALA 00676  
Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:

SCREENING OF SERICEA LINES UNDER CONTINUOUS CUTTING

\*\*\*\*\*

Project Number: ALA 00676  
Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:

COMPARISON OF EXPERIMENTAL DESIGNS IN SERICEA BREEDING TRIALS

\*\*\*\*\*

Project Number: ALA 00676  
Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:

SERICEA VARIETY AND LINES PALATABILITY TEST

\*\*\*\*\*

Project Number:  
Department: Agronomy & Soils

Project Leader: MOSJIDIS, J.A.

Title:

SCREENING OF CALEY PEA GERMPLOSM

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIA GRASS VARIETY TEST

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

FESCUE VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Upper Coastal Plain Substation

\*\*\*\*\*

Project Number: H-559  
Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSOM CLOVER VARIETY TEST

\*\*\*\*\*

Project Number: HATCH 768  
Department: Agronomy & Soils

Project Leader: WALKER, R.H.  
GUDASKAS, R.T.

Title:

INTERACTION OF HERBICIDE, JOHNSON GRASS AND CORN VIRUSES WHEN  
ACCENT AND BEACON ARE USED FOR WEED CONTROL ON TWO LINES OF CORN

\*\*\*\*\*

Project Number:  
Department: Animal and Dairy Sciences

Project Leader: HOUGH, J.

Title:

EFFECTS OF HIGH-LOW SELECTION FOR SCROTAL CIRCUMFERENCE IN  
HEREFORD CATTLE

\*\*\*\*\*

Project Number: H-680  
Department: Animal and Dairy Sciences

Project Leader: KUHLLERS, D.L.

Title:

ESTIMATES OF GENETIC HETEROSIS AND EPISTATIC EFFECTS IN SWINE

\*\*\*\*\*

Project Number:  
Department: Entomology

Project Leader: ESTES, P.A.  
GUDASKAS, R.T.

Title:

EVALUATION OF SYSTEMIC INSECTICIDE TREATMENTS FOR CONTROL OF HESSIAN  
FLY AND BARLEY YELLOW DWARF DISEASE ON WHEAT

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Upper Coastal Plain Substation

\*\*\*\*\*

Project Number: H-688

Department: Horticulture

Project Leader: BROWN, J.E.

Title:

EFFECTS OF REFLECTIVE MULCH ON THE SUPPRESSION OF APHID POPULATION  
FOR VIRUS CONTROL ON SUMMER SQUASH PRODUCTION

\*\*\*\*\*

Project Number:

Department: Plant Pathology

Project Leader: GUDASKAS, R.T.

JOHNSON, W.C.

Title:

SUSCEPTABILITY OF CORN, SMALL GRAIN AND GRAIN SORGHUM TO DISEASES  
IN ALABAMA

\*\*\*\*\*



WIREGRASS SUBSTATION  
HEADLAND, ALABAMA



Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

Title:

EFFECTS OF DEFOLIATION INTENSITY ON COASTAL; BERMUDAGRASS; TIFTON 78

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

VAN DYKE, N.J.

RUSSELL, R.

Title:

EFFECT OF STOCKING RATE OF SUMMER STOCKERS ON (TEST C) ROTATIONALLY GRAZED BAHIA GRASS WITH AND WITHOUT BROILER LITTER CORN SUPPLEMENTATION ON CATTLE WEIGHT GAINS AND SOIL FERTILITY

\*\*\*\*\*

Project Number: 715WGS3A

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

KEE, D.

VAN DYKE, N.J.

SNYDER, D.

Title:

THE EFFECT OF PARASITE CONTROL, POULTRY LITTER/CORN SUPPLEMENTATION AND STOCKING RATE ON THE PERFORMANCE OF LIGHT STEERS GRAZING COASTAL BERMUDAGRASS (715WG53A)

\*\*\*\*\*

Project Number: 715WGS3B

Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.

KEE, D.

Title:

THE EFFECT STUBBLE HEIGHT, HARVEST INTERVAL AND LITTER FERTILIZATION ON THE YIELD AND QUALITY COASTAL BERMUDAGRASS (715-WG5-38)

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

\*\*\*\*\*

Project Number: 715WGS5  
Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.  
KEE, D.  
VAN DYKE, N.J.

Title:  
A COMPARISON OF CONTINUOUS GRAZING WITH INTENSIVE ROTATIONAL  
GRAZING WITH STEERS AT SEVERAL STOCKING RATES ON BAHIA GRASS  
(715-WGS-5)

\*\*\*\*\*

Project Number: HATCH 715  
Department: Agronomy & Soils

Project Leader: BRANSBY, D.I.  
VAN DYKE, N.J.

Title:  
EFFECT OF HAY SUPPLEMENTATION OF ANIMALS GRAZING WINTER ANNUAL  
(715-WGS-6)

\*\*\*\*\*

Project Number: 03-032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
GRAIN SORGHUM VARIETY TEST

\*\*\*\*\*

Project Number: 3-0029  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
COTTON VARIETY TEST

\*\*\*\*\*

Project Number: 03-032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.

Title:  
WHITE CORN VARIETY TEST

\*\*\*\*\*



Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 03-028  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:  
SMALL GRAIN VARIETY TEST (GRAIN ONLY)

\*\*\*\*\*

Project Number: 03-032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:  
WHITE CORN HYBRID VARIETY TEST

\*\*\*\*\*

Project Number: 03-032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:  
IRRIGATED CORN HYBRID VARIETY TEST

\*\*\*\*\*

Project Number: 03-028  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:  
SMALL GRAIN VARIETY TEST (FORAGE ONLY)

\*\*\*\*\*

Project Number: 03-032  
Department: Agronomy & Soils

Project Leader: JOHNSON, W.C.  
Title:  
NON-IRRIGATED CORN HYBRID VARIETY TEST

\*\*\*\*\*

Project Number: 3-0024  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.  
Title:  
RATES OF NPK FOR PEANUTS

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

\*\*\*\*\*

Project Number: 3-0024  
Department: Agronomy & Soils

Project Leader: MITCHELL, C.C.

Title:

TWO-YEAR ROTATION CORN, SOYBEANS

\*\*\*\*\*

Project Number: WGSCREEN#1  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G

Title:

POST DIRECT HERBICIDES IN COTTON

\*\*\*\*\*

Project Number: WG89C-X1  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

PREEMERGENCE vs. POSTEMERGENCE WEED CONTROL IN COTTON

\*\*\*\*\*

Project Number: WGSCREEN#2  
Department: Agronomy & Soils

Project Leader: PATTERSON, M.G.

Title:

POST EMERGENCE GRASS HERBICIDES IN COTTON

\*\*\*\*\*

Project Number: 03-0027  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

Title:

SOYBEAN VARIETY EVALUATION IN ALABAMA

\*\*\*\*\*

Project Number: 03-0033  
Department: Agronomy & Soils

Project Leader: THURLOW, D.L.

BALL, D.M.

Title:

BERMUDAGRASS VARIETY TEST

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

BAHIAGRASS VARIETY TRIALS 1989 TO 1991

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

CRIMSON CLOVER VARIETY TRIALS 1989 TO 1990

\*\*\*\*\*

Project Number: 559

Department: Agronomy & Soils

Project Leader: VAN SANTEN, E.

Title:

TALL FESCUE VARIETY TRIALS 1989 TO 1991

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

FALL TILLAGE; WEED MANAGEMENT; POPULATION SHIFTS; NO TILL (WG89508)

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

SICKLEPOD THRESHOLED (WG89502A)

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WALKER, R.H.

Title:

PITTED MORNINGGLORY THRESHOLED

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

\*\*\*\*\*

Project Number: 03-0027  
Department: Agronomy & Soils

Project Leader: WEAVER, D.B.  
Title:  
SOYBEAN VARIETY EVALUATION IN ALABAMA

\*\*\*\*\*

Project Number: WG90M-02  
Department: Agronomy & Soils

Project Leader: WEHTJE, C.W.  
Title:  
CORN HERBICIDE SCREENING (ICI CYANAMID VALENT)

\*\*\*\*\*

Project Number: WG90M-01  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.  
Title:  
CORN HERBICIDE SCREENING (DUPONT ICI AGROLINZ CIBA-GIEGY)

\*\*\*\*\*

Project Number: WG90M-03  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.  
Title:  
CORN HERBICIDE SCREENING

\*\*\*\*\*

Project Number: WG90P-01  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.  
Title:  
PEANUT HERBICIDE SCREENING (CYANAMID MONSANTO VALENT ICI)

\*\*\*\*\*

Project Number: WG90P-02  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.  
Title:  
PEANUT HERBICIDE SCREENING (DUPONT AGROLINTZ)

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

\*\*\*\*\*

Project Number: WG90P-03  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT HERBICIDE SCREENING (UNOCAL CYANAMID CIBA-GEIGY)

\*\*\*\*\*

Project Number: WG90P-04  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT HERBICIDE SCREENING (VALENT DUPONT)

\*\*\*\*\*

Project Number: WG90P-05  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT HERBICIDE SCREENING (DUPONT)

\*\*\*\*\*

Project Number: WG90P-06  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT HERBICIDE SCREENING (AGROLINZ)

\*\*\*\*\*

Project Number: WG90P-07  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT COOPERATIVE HERBICIDE STUDY #1 (WILCUT)

\*\*\*\*\*

Project Number: WG90P-08  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT COOPERATIVE HERBICIDE STUDE #2 (WILCUT)

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: WG90P-09  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

GROWTH REGULATOR (UNOCAL & TERRA)

\*\*\*\*\*

Project Number: WG90P-10  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

COBRA VS BLACER (AS INFLUENCED BY RATE, LASSO AND 2,4-DB)

\*\*\*\*\*

Project Number: WG90P-11  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

BASAGRAN / PARAQUAT BEHAVIOR

\*\*\*\*\*

Project Number: WG90P-12  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

TOUGH IN COMBINATION WITHPOST GRASS MATERIALS (ANTAGONISM)

\*\*\*\*\*

Project Number: WG90P-17  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT TOLERANCE TO GRAMOXONE AS AFFECTED BY SEED SIZE

\*\*\*\*\*

Project Number: WG90P-18  
Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

TOLERANCE OF DIFFERENT PEANUT SEED SIZES TO GRAMOXONE / VERNAM

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number:

Department: Agronomy & Soils

Project Leader: WEHTJE, G.W.

Title:

PEANUT VINE REDUCTION (GRAMOXONE, ICI)

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WOOD, W.

Title:

N ON SOYBEAN

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WOOD, W.

Title:

COMPOSTED POULTRY LITTER EXPERIMENT

\*\*\*\*\*

Project Number:

Department: Agronomy & Soils

Project Leader: WOOD, W.

Title:

TILLAGE X N SOURCE X RATE STUDY

\*\*\*\*\*

Project Number: H-679

Department: Entomology

Project Leader: GAYLOR, M.J.

Title:

CONTROL OF HELIOTHIS SPP. WITH BASF INSECTICIDES

\*\*\*\*\*

Project Number: H-679

Department: Entomology

Project Leader: GAYLOR, M.J.

Title:

INFLUENCE OF ADJUVANTS ON THE EFFECTIVENESS OF INSECTICIDES

AGAINST HELIOTHIS SPP. & COTTON APHIDS

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: H-679

Department: Entomology

Project Leader: GAYLOR, M.J.

Title:

BEET ARMYWORM ESTABLISHMENT & HELIOTHIS SPP. CONTROL IN COTTON

\*\*\*\*\*

Project Number: H-679

Department: Entomology

Project Leader: GAYLOR, MK.J.

Title:

COTTON APHID CONTROL WITH PYRETHROID INSECTICIDES

\*\*\*\*\*

Project Number: 50-0077

Department: Entomology

Project Leader: MACK, T.P.

DAVIS, D.

Title:

VALIDATION OF LESSER CORNSTALK BORER DAMAGE MODEL

\*\*\*\*\*

Project Number: 50-0077

Department: Entomology

Project Leader: MACK, T.P.

Title:

VALIDATION OF CORN EARWORM DAMAGE MODEL FOR PEANUT EXPERT SYSTEM

\*\*\*\*\*

Project Number:

Department: Entomology

Project Leader: MACK, T.P.

Title:

NATURAL ENEMIES STUDY

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 659  
Department: Entomology

Project Leader: MACK, T.P.  
WEEKS, J.R.  
HAGAN, A.K..  
GUDAUSKAS, R.T.

Title:  
MANAGEMENT OF TOMATO SPOTTED WILT VIRUS ON PEANUTS-THRIPS CONTROL  
\*\*\*\*\*

Project Number: H-679  
Department: Entomology

Project Leader: SMITH, R.H.  
Title:

EVALUATION OF THIODICARB FOR BEET ARMYWORM CONTROL  
\*\*\*\*\*

Project Number: AL00804  
Department: Entomology

Project Leader: WEEKS, J.R.  
Title:

THRIPS SAMPLING STUDY  
\*\*\*\*\*

Project Number:  
Department: Entomology

Project Leader: WEEKS, J.R.  
Title:

COMPARISON OF INSECTICIDES & APPLICATION METHODS ON WHEAT FOR  
CONTROL OF HESSIAN FLY  
\*\*\*\*\*

Project Number: H606  
Department: Horticulture

Project Leader: CHAMBLISS, O.L.  
Title:

SOUTHERN PEA YIELD & CURCULIO RESISTANCE TRIAL  
\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

EVALUATION OF FEIJOA VARIETIES AND DETERMINE THEIR POTENTION AS A  
COMMERCIAL FRUIT CROP IN SOUTHEAST ALABAMA

\*\*\*\*\*

Project Number: 642  
Department: Horticulture

Project Leader: DOZIER, W.A.

Title:

PEACH AND NECTARINE VARIETY EVALUATION IN THE WIREGRASS AREA

\*\*\*\*\*

Project Number: H610  
Department: Horticulture

Project Leader: NORTON, J.D.

Title:

CDANTALOUPE & WAERMELON SEED INCREASES

\*\*\*\*\*

Project Number: 384  
Department: Horticulture

Project Leader: NORTON, J.T.

Title:

PLUM VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Project Number: H-610  
Department: Horticulture

Project Leader: NORTON, J.T.

Title:

WATERMELON VARIETY AND BREEDING LINE EVALUATION

\*\*\*\*\*

Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 001  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

EVALUATION OF EXPERIMENTAL FUNGICIDES FOR THE CONTROL OF  
(sclerotium rolfsii sacc.) TEST #2

\*\*\*\*\*

Project Number: 002  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

EVALUATION OF EXPERIMENTAL FUNGICIDES FOR THE CONTROL OF  
(sclerotium rolfsii sacc.) TEST # 3

\*\*\*\*\*

Project Number: 003  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

EVALUATION OF EXPERIMENTAL BIOLOGICAL AGENTS FOR THE CONTROL OF  
(sclerotium rolfsii sacc.) TEST #1

\*\*\*\*\*

Project Number: 004  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

PEANUT SEED TREATMENT TEST #1

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Project Number: 005  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

PEANUT SEED TREATMENT TEST #2 (KODAK)

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 006  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

COMPARAISON OF DISEASE SEVERITY & YIELD OF SOUTHERN RUNNER &  
FLORUNNER PEANUTS

\*\*\*\*\*

Project Number: 007  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

PEANUT LEAFSPOT TEST #1

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Project Number: 008  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

PEANUT LEAFSPOT TEST #2

\*\*\*\*\*

Project Number: 009  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

PEANUT LEAFSPOT TEST #3

\*\*\*\*\*

Project Number: 010  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:

CONTROL OF PEANUT LEAFSPOT ON THE CULTIVAR SOUTHERN RUNNER

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 011  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:  
SOYBEAN DISEASE WINDOW TEST

\*\*\*\*\*

Project Number: 012  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:  
THE USE OF IN-FURROW APPLIED SEED TRETMENTS FOR THE CONTROL OF SEED  
& SEED-BORNE FUNGAL PATHOGENS OF PEANUTS (Agracetus)

\*\*\*\*\*

Project Number: H802  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:  
EVALUATION OF SEED TREATMENTS OF Bacillus subtilis AND Trichoderma  
FOR CONTROL OF SEED & SOIL-BORNE DISEASES OF PEANUTS

\*\*\*\*\*

Project Number:  
Department: Plant Pathology

Project Leader: BACKMAN, P.A.

Title:  
RHIZOCTONIA LIILMB ROT CONTROL (FERMENTA)

\*\*\*\*\*

Project Number: 90901  
Department: Plant Pathology

Project Leader: BOWEN, K.L  
HAGAN, A.  
TYSON, T.

Title:  
ESTIMATE OF LOSS DUE TO SOILBORNE DISEASES OF PEANUT IN ALABAMA

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 90891  
Department: Plant Pathology

Project Leader: BOWEN, K.L.

Title:

EVALUATION OF FUNGICIDE EFFECTS ON Aspergillus spp. ESTABLISHMENT & aflatoxin IN DRYLAND (arachis hypogaea)

\*\*\*\*\*

Project Number: 90902  
Department: Plant Pathology

Project Leader: BOWEN, K.L.  
HAGAN, A.  
TYSON, T.

Title:

ESTIMATE OF LOSS DUE TO SOILBORNE DISEASES OF PEANUT IN ALABAMA

\*\*\*\*\*

Project Number: 90903  
Department: Plant Pathology

Project Leader: BOWNE, K.L.

Title:

EVALUATION OF LIMB ROT (by rhizoctonia solani RG-4) OF PEANUTS AS AFFECTED BY PLANTING & HARVEST DATES, FUNGICIDES & TRAFFIC

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Project Number:  
Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES IN ALABAMA

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Project Number:  
Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

SUSCEPTIBILITY OF SMALL GRAINS TO DISEASES IN ALABAMA

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number:

Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

Title:

WHEAT FUNGICIDE TEST

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Project Number: ALFA GRANT

Department: Plant Pathology

Project Leader: GUDAUSKAS, R.T.

ESTES, P.

Title:

HESSIAN FLU & BYO MANAGEMENT TEST (WHEAT)

\*\*\*\*\*

Project Number: AL00792

Department: Plant Pathology

Project Leader: KLOEPPER, J.W.

Title:

EVALUATION OF AN EXPERIMENTAL rhizobium INOCULANT ON SOYBEAN

\*\*\*\*\*

Project Number: AL00792

Department: Plant Pathology

Project Leader: KLOEPPER, JK.W.

Title:

EVALUATION OF PLANT GROWTH-PROMOTING RHIZOBACTERIA ON PEANUT

\*\*\*\*\*

Project Number: 614

Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:

CONTROL OF NEMATODES IN PEANUT (R-1)

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT (R-2)

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT (R-3)

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT (R-4)

\*\*\*\*\*

Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT (R-5)

\*\*\*\*\*

Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT (R-7)

\*\*\*\*\*

Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT (R-8)

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUTS (R-9)

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUTS (R-10)

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUTS (R-11)

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Project Number: 614  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUTS (O-R)

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Project Number: H-1  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT

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Project Number: H-2  
Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:  
CONTROL OF NEMATODES IN PEANUT

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Alabama Agricultural Experiment Station Projects

Location: Wiregrass Substation

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Project Number: H-3

Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:

CONTROL OF NEMATODES IN PEANUT

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Project Number: R-5

Department: Plant Pathology

Project Leader: RODRIGUEZ-KABANA, R.

Title:

EXOTIC CROP - COTTON ROTATION (root-knot larvae)

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