1958

Annual report of the Agricultural Experiment Station for the fiscal year 1956-57.

Charles W. Upp

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ANNUAL REPORT

Of The

Agricultural Experiment Station

For the Fiscal Year 1956-57

CHARLES W. UPP, Director

Louisiana State University
and
Agricultural and Mechanical College
Baton Rouge, Louisiana
Letter of Transmittal

Baton Rouge, La.
May 15, 1958

Governor Earl K. Long
Baton Rouge, Louisiana

My Dear Sir:

I have the honor to transmit herewith, through the Dean of the College of Agriculture and the President of Louisiana State University and Agricultural and Mechanical College, the report of the Louisiana Agricultural Experiment Station for the fiscal year 1956-57, as required by the Hatch Act, which provided for the establishment of Agricultural Experiment Stations in the several states.

Copies of this report will be sent to the United States Department of Agriculture in Washington, D.C., and to other Experiment Stations, as required by the Hatch Act, and a sufficient number will be printed to supply members of the Legislature, Public Boards, libraries and leading agriculturists.

Very respectfully,

CHARLES W. UPP, Director
Louisiana Agricultural Experiment Station
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Louisiana Agricultural Experiment Station
For the Fiscal Year 1956-57

Agricultural Chemistry and Biochemistry
Bulletins and Circulars


Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Agricultural Economics

Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Gile, B. M. Louisiana Farm Real Estate Prices and Market Activity, DAE Circular No. 206, June 1957.


Hudson, J. F. Cotton Price Relationships in Farmer's Local Markets. Southern Cooperative Series Bulletin No. 51, June 1957. Published at Missouri Experiment Station.


Agricultural Engineering

Bulletins and Circulars

Articles to National Professional Journals

SAVESON, I. L. Precision Surface Drainage for Sugarcane Land. World Crops, Vol. 8, No. 8, August 1956.
SAVESON, I. L. Flat Planting of Sugarcane on Graded Land. Agriculture Research Service 41-12, November 1956.

Other Articles and Publications (Printed, Multilithed or Mimeographed)

SAVESON, I. L., K. V. Stewart, and A. N. GIBSON. Draining Cropland in the Mississippi Delta and the Gulf Coastal Plains.

Agronomy

Bulletins and Circulars


Other Articles and Publications (Printed, Multilithed or Mimeographed)

PATRICK, W. H., JR. Results of Experimental Work with Subsoiling and Deep Placement of Fertilizer.
Sturgis, M. B. Fertilizer Recommendations for Louisiana. 1956.

Animal Industry
Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Dairy
Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Entomology

Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Feed and Fertilizer

Articles to National Professional Journals


Forestry

Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Briscoe, C. B. Stand Table Construction From Relascope Plots. L.S.U. Forestry Note No. 15, June 1957.


Burns, P. Y. Aerial Spraying With Herbicides to Control Hardwoods in Western Louisiana. Prog. Rept. No. 4 on L.S. #875, January 1957.


Burns, P. Y. Can Aerial Spraying Control Hardwoods? Forest Farmer XV (12), pp. 4-6, September 1956.


**Home Economics**

**Bulletins and Circulars**


**Other Articles and Publications (Printed, Multilithed or Mimeographed)**

MOSCHETTE, D., and M. SKELLERGER. Serum Carotene Concentrations of 12 Pre-Adolescent Girls on a Controlled Dietary Regimen for 14 4-day Periods, June 15 to August 12, 1956.

MOSCHETTE, D., and M. SKELLERGER. Serum Vitamin A Concentration of 12 Pre-Adolescent Girls on a Controlled Dietary Regimen for 14 4-day Periods, June 15 to August 12, 1956.

**Horticulture**

**Bulletins and Circulars**


**Articles to National Professional Journals**


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Plant Pathology

Bulletin and Circulars


Articles to National Professional Journals


HOLLIS, J. P. Microbial Host Range of Dorylaimus Ettersbergensis. (Abs.) Phytopath, 47, p. 16.


Other Articles and Publications (Printed, Multilithed or Mimeographed)

Breaux, R. D., P. H. Dunckelman, and S. J. P. Chilton. Experiments on the Hawaiian Bunch Method At Louisiana Agricultural Experiment Station.

Breaux, R. D., P. H. Dunckelman, P. J. Mills, and S. J. P. Chilton. Breeding Program to Date.

Breaux, R. D., P. H. Dunckelman, and S. J. P. Chilton. C. P. Seedlings.


Martin, W. J. Investigations on Internal Cork of Sweet Potatoes in the Department of Plant Pathology at L.S.U.


Sinclair, J. B. Occurrence and Outbreak of Late Blight on Potatoes and Tomatoes in Louisiana. Plant Disease Situation 1957, No. 10, p. 2; No. 12, p. 1; No. 16, p. 1; No. 20, p. 2; No. 25, p. 1; No. 27.


Stamper, E. R. The Effect of Chemical Combinations as Herbicides on Johnson Grass Control in Louisiana.


Steib, R. J., I. L. Forbes, and S. J. P. Chilton. Ratoon Stunting Disease of Sugarcane.

Tims, E. C. Test for Mildew Resistance in Calred-Creole Hybrids.
Poultry

Articles to National Professional Journals

BRUNSON, C. C., C. W. POPE, and A. B. WATTS. The Effect of Controlled Temperatures on the Quality of Chicken Eggs. Agricultural Engineering, August 1956.


Other Articles and Publications (Printed, Multilithed or Mimeographed)


JOHNSON, W. A. The Relative Breeding Efficiency of Convergent Improvement, Crossbreeding, and Backcrossing for the Production of Broiler Stock, 1956.


**Rural Sociology**

*Articles and Publications (Printed, Multilithed or Mimeographed)*


Bertrand, A. L. Possible Human Adjustments in Farm Areas in a Period of Increasing Surpluses and Declining Prices.


**Sugar Station**

*Articles and Publications (Printed, Multilithed or Mimeographed)*


**Outfield Sugars**

*Articles and Publications (Printed, Multilithed or Mimeographed)*


Veterinary Science
Articles and Publications (Printed, Multilithed or Mimeographed)


Branch Stations
North Louisiana Experiment Station, Calhoun
Bulletins and Circulars


Other Articles and Publications (Printed, Multilithed or Mimeographed)


Northeast Louisiana Experiment Station, St. Joseph
Bulletins and Circulars


Other Articles and Publications (Printed, Multilithed or Mimeographed)

Carpenter, J. C., Jr. Results of Pasture Studies 1956.
Carpenter, J. C., Jr. Winter Grazing Results.
Carpenter, J. C., Jr. Grazing and Feeding Test at Winnsboro.
Phillips, S. A. Corn Fertilizer Test.
Phillips, S. A. Milo Variety Test.


SLOANE, L. W., and L. MASON. Corn Hybrid Test No. 1.

SLOANE, L. W., and D. CLOWER. Cotton Fruiting Experiment.

**North Louisiana Hill Farm Experiment Station, Homer**

**Articles to National Professional Journals**


**Other Articles and Publications (Printed, Multilithed or Mimeographed)**


**Plaquemines Parish Experiment Station, Port Sulphur**

**Articles to National Professional Journals**


**Red River Valley Experiment Station, Curtis**

**Bulletins andCirculars**


**Other Articles and Publications (Printed, Multilithed or Mimeographed)**


**Rice Experiment Station, Crowley**

**Bulletins and Circulars**


**Other Articles and Publications (Printed, Multilithed or Mimeographed)**


Sonnier, E. A. A Discussion of Functions of the Federal-State Rice Inspection Service.
Walker, R. P. Rice Aeration, Drying and Storage Studies in Farm Bins in Louisiana.

Southeast Louisiana Experiment Station, Franklinton

Articles and Publications (Printed, Multilithed or Mimeographed)


Ellzey, H. D., Jr., and T. E. Davis. Methods of Utilizing Cattail Millet by Lactating Dairy Cattle.

West Louisiana Experiment Station, DeRidder

Articles and Publications (Printed, Multilithed or Mimeographed)


Roark, C. B. Better Pastures Mean More Beef.

Roark, C. B., and H. E. Harris. The Use of Winter Pasture Compared with a Maintenance Ration as Measured by Gains of Yearling Heifers.

Iberia Livestock and Dairy Station, Jeanerette

Articles and Publications (Printed, Multilithed or Mimeographed)

Cathcart, S. L., J. L. Fletcher, and C. E. Hyde. Dairy Cattle Research at the Iberia Livestock-Dairy Station.

U. S. Department of Agriculture

Bee Culture Research Laboratory

Articles to National Professional Journals

Other Articles and Publications (Printed, Multilithed or Mimeographed)


Entomology Research Branch

Articles to National Professional Journals


Other Articles and Publications (Printed, Multilithed or Mimeographed)

# Financial Statement

L. S. U. AGRICULTURAL EXPERIMENT STATION
RESEARCH FUND EXPENDITURES
Year Ended June 30, 1957

## Expenditures—By Source

<table>
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<tr>
<th>Source</th>
<th>Percentage</th>
<th>Amount</th>
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<tr>
<td>Federal Funds</td>
<td>20.0%</td>
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<tr>
<td>General University Sources</td>
<td>43.7%</td>
<td>$1,403,004.06</td>
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<tr>
<td>Specific State Appropriations</td>
<td>27.0%</td>
<td>$865,975.95</td>
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<tr>
<td>State and Private Gifts and Grants</td>
<td>2.9%</td>
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<td>Self Generated Income</td>
<td>6.4%</td>
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<td><strong>Total</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>$3,208,372.84</strong></td>
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## Expenditures—By Object Classification

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<tr>
<th>Classification</th>
<th>Percentage</th>
<th>Amount</th>
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<tr>
<td>Salaries</td>
<td>44.0%</td>
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<td>Wages</td>
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<tr>
<td>Travel</td>
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<tr>
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<tr>
<td>Capital Outlay</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>$3,208,372.84</strong></td>
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## Expenditures—By Location

<table>
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<tr>
<th>Location</th>
<th>Percentage</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Baton Rouge—University Campus and Area</td>
<td>68.7%</td>
<td>$2,205,759.91</td>
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<tr>
<td>Branch Stations</td>
<td>31.3%</td>
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</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>100.0%</strong></td>
<td><strong>$3,208,372.84</strong></td>
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Agricultural Experiment Station Staff

ADMINISTRATION

C. W. Upp, Ph.D., Director
W. G. Taggart, M.S., Director Emeritus (retired)
J. J. Mikell, Ph.D., Assistant Director
T. E. Glaze, B.S., Assistant to the Director
L. V. George, B.S., Editor
Nathalie Poirier, Personnel Secretary
Doris B. King, Secretary to the Director
Margaret Drury, Accountant
Mrs. Frances S. Stoker, Librarian

STATE STATION, BATON ROUGE

AGRICULTURAL CHEMISTRY AND BIOCHEMISTRY

'E. A. Fieger, Ph.D., Professor and Head of Department
M. E. Bailey, M.S., Associate
J. F. Christman, Ph.D., Associate Professor
Ann M. Dutton, B.A., Assistant (appointed Sept. 3, 1957)
Martha E. Hollinger, Ph.D., Associate Professor (retired Jan. 16, 1958)
W. H. James, Ph.D., Associate Professor
S. A. Kaloyereas, Ph.D., Associate Professor
J. G. Lee, Ph.D., Associate Professor
'A. F. Novak, Ph.D., Associate Professor
Virginia R. Williams, Ph.D., Associate Professor

AGRICULTURAL ECONOMICS

'M. D. Woodin, Ph.D., Professor and Head of Department (appointed
   Head of Department effective July 1, 1957)
'W. H. Alexander, M.S., Associate Professor
J. M. Baker, M.S., Associate Professor (retired)
'B. Bolton, M.S., Instructor (resigned May 5, 1957)
A. J. Burns, M.S., Instructor (resigned Sept. 30, 1957)
'J. R. Campbell, Ph.D., Associate Professor
H. J. Casso, M.S., Assistant Professor (resigned May 21, 1957)
A. R. Edgar, M.S., Instructor
D. B. Frickie, M.S., Instructor
B. M. Gile, Ph.D., Professor (retired July 1, 1957)
A. C. Harper, M.S., Assistant Professor
'J. F. Hudson, M.S., Assistant Professor
J. M. Law, M.S., Assistant Professor
M. M. Lindsey, M.S., Instructor (resigned Aug. 2, 1957)
'J. P. Montgomery, M.S., Associate Professor
A. J. Ortego, M.S., Instructor
H. G. Ponder, M.S., Instructor (resigned Feb. 23, 1958)
A. R. Romaine, Jr., B.S., Instructor (appointed Feb. 23, 1958)
'E. P. Roy, Ph.D., Assistant Professor
C. J. St. Clergy, M.S., Instructor (appointed Jan. 29, 1958)
C. L. Strebeck, B.S., Instructor (appointed Feb. 3, 1958)
G. D. Sullivan, M.S., Instructor (resigned Nov. 9, 1957)
H. D. Traylor, M.S., Assistant Professor (appointed Mar. 1, 1958)
'F. H. Wiegmann, Ph.D., Associate Professor
W. F. Woolf, M.S., Instructor (appointed July 8, 1957)

AGRICULTURAL ENGINEERING

'H. T. Barr, Professor and Head of Department
H. E. Butler, B.S., Instructor (appointed June 30, 1957)
'W. H. Carter, M.S., Professor
L. F. Curtis, B.S., Instructor (appointed Feb. 18, 1958)
W. F. Lytle, M.S., Assistant Professor (appointed Sep. 3, 1957)
'M. M. Mayeux, M.S., Associate Professor
T. J. Nissing, B.S., Instructor (appointed May 27, 1957)
'W. D. Poole, M.S., Professor
'C. H. Thomas, B.S., Assistant Professor
'F. T. Wratten, M.S., Associate Professor

AGRONOMY

'M. B. Sturgis, Ph.D., Professor and Head of Department
H. B. Brown, Ph.D., Professor (retired)
R. H. Brupbacher, Jr., M.S., Assistant Professor
D. S. Byrnside, Jr., M.S., Assistant Professor
H. R. Caffey, M.S., Instructor (appointed Aug. 1, 1957)
C. T. Dowell, Ph.D., Professor (retired)
'B. N. Driskell, Ph.D., Associate Professor
J. P. Gray, Ph.D., Professor
'M. T. Henderson, Ph.D., Professor
'J. E. Jones, M.S., Assistant Professor
S. A. Lytle, B.S., Associate Professor
L. L. McCormick, B.S., Assistant Professor —Outfield (located at Spring-
hill, La., 108 11th St., S. E.; transferred to Red River Valley Experiment Station July 1, 1957)
J. G. Marshall, M.S., Assistant Professor (mailing address: Dean Lee Agri-
cultural Center, LeCompte, La.)
L. F. Mason, M.S., Assistant Professor
W. A. Meadows, M.S., Assistant (part time) (appointed July 2, 1956)
R. J. Miears, M.S., Assistant Professor (located at Rice Experiment Sta-
tion, Crowley, La.)
C. L. Mondart, Jr., M.S., Assistant Professor
B. E. Newman, M.S., Assistant Professor
A. L. Nugent, M.S., Assistant Professor —Outfield (located at Sarepta,
La.) (appointed Aug. 10, 1957)
C. R. Owen, M.S., Associate Professor
'W. H. Patrick, Jr., Ph.D., Associate Professor
W. J. Peevy, Ph.D., Professor
R. Ricaud, B.S., Instructor
F. W. Self, M.S., Associate Professor
'M. Stelly, Ph.D., Professor
W. J. Upchurch, Ph.D., Associate Professor
'W. H. Willis, Ph.D., Professor
S. Worley, Jr., M.S., Instructor (appointed Aug. 1, 1957)
E. F. Young, Jr., M.S., Assistant Professor (mailing address: c/o Soil Conservation Service, Court House, Shreveport, La.)

ANIMAL INDUSTRY

G. L. Robertson, Ph.D., Professor and Head of Department
R. F. Boulware, Ph.D., Instructor
P. B. Brown, Ph.D., Associate Professor
R. M. Crown, M.S., Associate Professor
R. A. Damon, Jr., Ph.D., Associate Professor
T. M. DeRouen, M.S., Assistant Professor (transferred to Iberia Livestock Experiment Farm effective July 1, 1957)
S. L. Hansard, Ph.D., Professor
S. E. McCraine, M.S., Associate Professor
A. M. Mullins, Ph.D., Assistant Professor (appointed Aug. 26, 1957)
C. B. Singletary, M.S., Assistant Professor (transferred to Idlewild effective July 1, 1957)
Nina L. Schales, B.S., Assistant (appointed Oct. 15, 1957)
D. M. Thrasher, Ph.D., Assistant Professor (appointed July 1, 1957)

DAIRY

J. B. Frye, Jr., Ph.D., Professor and Head of Department
J. W. Abadie, B.S., Assistant (resigned Aug. 31, 1957)
J. E. Bankston, B.S., Associate (appointed Feb. 1, 1958)
C. Branton, Ph.D., Associate Professor
A. J. Gelpi, Jr., M.S., Associate Professor
G. A. Hindery, M.S., Instructor (appointed July 1, 1957)
J. E. Johnston, Ph.D., Associate Professor
G. D. Miller, M.S., Instructor
E. B. Morgan, M.S., Instructor
T. E. Patrick, Ph.D., Associate Professor
L. L. Rusoff, Ph.D., Professor
G. T. Schrader, B.S., Assistant (transferred to Veterinary Science Department Feb. 1, 1958)
E. J. Stone, M.S., Assistant Professor

ENTOMOLOGY

L. D. Newsom, Ph.D., Professor and Head of Department of Entomology Research
M. S. Blum, Ph.D., Assistant Professor (appointed Jan. 20, 1958)
H. B. Boudreaux, Ph.D., Associate (transferred to part-time research July 1, 1957)
J. R. Brazzel, M.S., Assistant Professor (resigned Nov. 20, 1957)
E. C. Burns, M.S., Assistant Professor (appointed May 1, 1957)
P. S. Callahan, M.S., Assistant Professor
D. F. Clower, Ph.D., Assistant Professor
E. J. Concienne, B.S., Instructor (located at Centreville, La.)
E. H. Floyd, M.S., Associate Professor
E. J. Kantack, Ph.D., Assistant Professor
W. H. Long, M.S., Assistant Professor (appointed Apr. 1, 1957)
A. D. Oliver, M.S., Assistant Professor
J. S. Roussel, Ph.D., Associate Professor
C. E. Smith, M.S., Professor (retired)
W. T. Spink,, M.S., Assistant Professor (appointed Jan. 20, 1958)

Fertilizer and Feedstuffs Laboratory

E. A. Epps, Jr., M.S., Professor and Head of Department
H. C. Austin, Jr., B.S., Assistant Professor
F. L. Bonner, M.S., Associate Professor
W. P. Denson, B.S., Associate Professor (retired July 1, 1957)
J. L. Farr, M.S., Assistant Professor (retired)
A. H. Hallab, B.S., Instructor (appointed July 1, 1957)
J. G. Kowalczuk, B.S., Assistant Professor
J. B. McDevitt, B.S., Assistant Professor
C. C. Moreland, B.S., Associate Professor (retired July 1, 1957)
J. W. Torbert, B.S., Assistant Professor

School of Forestry

'P. Y. Burns, Ph.D., Professor and Director of School of Forestry
'M. B. Applequist, M.F., Assistant Professor
'B. A. Bateman, Ph.D., Professor
B. H. Box, B.S., F., Instructor (located at 543 Ontario Avenue, Bogalusa, La.)
(appointed June 1, 1957)
'C. B. Briscoe, D.F., Assistant Professor
J. L. Chamberlain, M.S., Instructor (resigned May 31, 1957)
'A. B. Crow, M.F., Associate Professor
'L. L. Glasgow, M.S., Assistant Professor
'R. W. Hayes, M.F., Professor
'W. C. Hopkins, D.F., Associate Professor
'R. W. McDermid, M.F., Associate Professor
'F. R. Moulds, Ph.D., Visiting Professor (appointed Feb. 1, 1957-May 31, 1957)

Home Economics

'Clara W. Tucker, Ph.D., Professor and Head of Department
Sally W. Babin, B.S., Instructor (resigned Jan. 20, 1958)
'Delores J. Comeaux, B.S., Instructor (resigned May 31, 1957)
'Etta Lucille Finley, M.A., Assistant Professor
Frances C. Jones, B.S., Assistant (resigned May 31, 1957)
Lavon A. McCollough, M.S., Assistant Professor (resigned Dec. 2, 1957)
'Laureame C. McBryde, M.S., Instructor
Ruth I. Morrison, Ph.D., Associate Professor (resigned June 30, 1957)
'Dorothy S. Moschette, M.A., Professor (sabbatical leave Feb. 1, 1957 - COB July 31, 1957)
Lorraine H. Phillips, M.S., Instructor (appointed Aug. 15, 1957)
Ellafiel B. Quantrill, M.S., Instructor
Merrill M. Rhodes, B.S., Assistant (resigned June 30, 1957)
Lucy R. Sibley, B.S., Instructor (appointed Jan 15, 1958 - COB June 30, 1958)
Marie Skellenger, M.S., Assistant Professor
Ruth K. Stockdale, B.S., Assistant (resigned Apr. 13, 1957)
Ruby L. Whitehead, M.S., Instructor (appointed Jan. 15, 1958)
Betty L. Woods, M.A., Assistant Professor (appointed Feb. 1, 1958)
Horticultural Research

J. C. Miller, Ph.D., Professor and Head of Horticultural Research Department
J. R. Barry, Jr., M.S., Assistant Professor (located at Sweet Potato Research Center, Chase, La.)
C. S. Blackwell, B.S., Assistant
C. del Valle, Ph.D., Instructor (appointed July 1, 1957)
J. F. Fontenot, M.S., Assistant Professor
'R. H. Hanchey, Ph.D., Professor
P. L. Hawthorne, M.S., Associate Professor
T. P. Hernandez, Ph.D., Associate Professor
T. P. Hernandez, M.S., Assistant Professor (in charge, Sweet Potato Research Center, Chase, La.)
L. G. Jones, Ph.D., Associate Professor
W. D. Kimbrough, Ph.D., Professor
J. R. King, Ph.D., Associate Professor (returned from leave Nov. 13, 1957)
Kathryn J. Lynch, B.S., Assistant (temporary appointment May 16, 1957)
D. W. Newsom, Ph.D., Associate Professor
E. N. O'Rourke, Jr., Ph.D., Associate Professor
D. Y. Perkins, Ph.D., Associate Professor (resigned June 30, 1957)
T. E. Pope, B.S., Assistant (resigned Dec. 31, 1956)
W. A. Sistrunk, M.S., Assistant Professor (on leave of absence, without pay, July 20, 1956-June 30, 1958)

Plant Pathology

S. J. P. Chilton, Ph.D., Professor and Head of Department
J. B. Baker, M.S., Assistant Professor
R. D. Breaux, Ph.D., Assistant Professor
'A. R. Colmer, Ph.D., Professor (on 6 mo. sabbatical leave March 1, 1958-August 31, 1958)
P. H. Dunckelman, M.S., Assistant Professor (resigned Sept. 14, 1957)
C. W. Edgerton, Ph.D., Professor (retired)
I. L. Forbes, Ph.D., Professor
J. P. Hollis, Ph.D., Assistant Professor
N. L. Horn, Ph.D., Assistant Professor
G. D. Lindberg, Ph.D., Assistant Professor
W. J. Martin, Ph.D., Professor
P. J. Mills, M.S., Assistant Professor
E. D. Paliatseas, Ph.D., Assistant Professor
'A. G. Plakidas, Ph.D., Professor
W. K. Porter, Jr., Ph.D., Assistant Professor
J. B. Sinclair, Ph.D., Assistant Professor
E. R. Stamper, M.S., Assistant Professor
R. J. Steib, Ph.D., Associate Professor
E. C. Tims, Ph.D., Professor

Poultry

A. B. Watts, Ph.D., Professor and Head of Department
C. C. Brunson, Ph.D., Assistant Professor
W. A. Johnson, Ph.D., Associate Professor

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B. A. Tower, M.S., Associate Professor
W. S. Wilkinson, Ph.D., Associate Professor

RURAL SOCIOLOGY
H. L. Hitt, Ph.D., Professor and Head of Department (appointed Dean, Louisiana State University in New Orleans, Dec. 15, 1957)
R. J. Pellegrin, Ph.D., Associate Professor and Chairman of Department (appointed Jan. 3, 1958)
F. L. Bates, Ph.D., Visiting Professor (appointed Aug. 1, 1957-June 4, 1958)
A. L. Bertrand, Ph.D., Professor (on leave without pay Feb. 11, 1957-June 30, 1958)
H. W. Osborne, M.A., Instructor

SUGAR STATION
E. C. Simon, M.S., Professor and Head of Sugar Station

OUTFIELD SUGARS
T. J. Stafford, Ph.D., Assistant Professor
C. B. Gouaux, B.S., Professor (retired - P.O. Box 226, Lafayette, La.)

VETERINARY SCIENCE
W. T. Oglesby, D.V.M., Professor and Head of Department
W. V. Adams, Jr., B.S., Associate (appointed Apr. 1, 1958)
G. T. Dimopoulos, Ph.D., Associate Professor (appointed June 1, 1957)
J. M. Dixon, D.V.M., Assistant Professor
L. E. Foote, D.V.M., Assistant Professor
P. Henderson, B.S., Assistant
H. L. Hurst, D.V.M., Ph.D., Associate Professor (resigned Oct. 31, 1957)
Betsy B. Knierien, B.S., Assistant (resigned Jan. 22, 1958)
—Apr. 1, 1958-July 31, 1958)
Helen E. Levy, B.S., Instructor
R. L. Mayhew, Ph.D., Professor
G. C. Miller, M.S., Instructor (resigned Oct. 2, 1957)
R. B. Myers, D.V.M., Assistant Professor (appointed Feb. 17, 1958)
Beverly H. Robinson, B.A., Assistant (appointed Sept. 23, 1957)
E. E. Roth, D.V.M., Assistant Professor
G. T. Schrader, B.S., Instructor (transferred to Veterinary Science Feb. 1, 1958)
Betty Johnson Torbert, B.S., Instructor
F. L. Turnipseed, Instructor (appointed Jan. 2, 1958)
J. C. Williams, B.S., Instructor (appointed Sep. 23, 1957)

BRANCH STATIONS
FRUIT AND TRUCK EXPERIMENT STATION, HAMMOND
W. F. Wilson, Jr., M.S., Professor and Superintendent of Station
D. J. Ayo, M.S., Assistant Professor (appointed Mar. 1, 1958)
M. J. Giamalva, M.S., Assistant Professor
W. A. Poillion, M.S., Instructor

NORTH LOUISIANA EXPERIMENT STATION, CALHOUN

R. S. Woodward, M.S., Associate Professor and Superintendent of Station
A. V. Davis, Assistant Professor (on sabbatical leave Mar. 1, 1958-Feb. 28, 1958)
J. L. Heath, Jr., B.S., Assistant Professor
A. C. Miller, M.S., Assistant Professor (appointed June 1, 1957)
J. C. Taylor, M.S., Assistant Professor

NORTH LOUISIANA HILL FARM EXPERIMENT STATION, HOMER

D. M. Johns, M.S., Associate Professor and Superintendent of Station
F. N. Baker, Ph.D., Assistant Professor
C. R. Carter, M.S., Assistant Professor (appointed Nov. 11, 1957)
E. K. Chandler, M.S., Assistant Professor (appointed Aug. 19, 1957)
T. Hansbrough, B.S., Assistant Professor
R. G. Merrifield, M.F., Assistant Professor (appointed Feb. 1, 1958)
N. W. Robinson, M.S., Assistant Professor
D. A. Russel, Ph.D., Assistant Professor
J. W. Vittetoe, Assistant (resigned May 31, 1957)
G. E. Wilcox, Ph.D., Assistant Professor (resigned June 17, 1957)

NORTHEAST LOUISIANA EXPERIMENT STATION, ST. JOSEPH

J. A. Hendrix, M.S., Associate Professor and Superintendent of Station
J. C. Carpenter, Jr., M.S., Assistant Professor
C. B. Haddon, B.S., Professor Emeritus (retired)
S. A. Phillips, B.S., Assistant Professor
L. W. Sloane, M.S., Assistant Professor
J. D. Walters, M.S., Instructor

PLAQUEMINES PARISH EXPERIMENT STATION, ROUTE 1, PORT SULPHUR

R. T. Brown, M.S., Associate Professor and Superintendent of Station
A. J. Adams, M.S., Assistant Professor (appointed July 1, 1957)
F. B. Schmitz, M.S., Assistant Professor

RED RIVER VALLEY EXPERIMENT STATION, P. O. BOX 5008, BOSSIER CITY

J. Y. Oakes, M.S., Professor and Superintendent of Station
C. N. Bollich, Ph.D., Instructor (transferred as Assistant Professor to Rice Experiment Station July 1, 1957)
D. R. Melville, B.S., Assistant Professor (sabbatical leave Sept. 6, 1957-Feb. 26, 1958)
L. L. McCormick, B.S., Assistant Professor (transferred to Red River Valley Station July 1, 1957)
C. W. Newman, M.S., Instructor (appointed Feb. 3, 1958)
W. A. Nipper, M.S., Assistant Professor (transferred to Dean Lee Agricultural Center, July 1, 1957)
R. K. Walker, M.S., Professor and Superintendent of Station (on leave without pay Apr. 18, 1957-COB Oct. 17, 1958)
A. T. Harrell, M.S., Assistant Professor and Acting Superintendent of Station
D. E. Black, B.S., Assistant Professor
C. N. Bollich, Ph.D., Assistant Professor (transferred from Red River Experiment Station July 1, 1957)
E. E. Goodwin, M.S., Assistant Professor
E. A. Sonnier, B.S., Foreign Trainee Supervisor
R. P. Walker, B.S., Assistant Professor

SOUTHEAST LOUISIANA EXPERIMENT STATION, FRANKLINTEO
H. D. Ellzey, Jr., M.S., Associate Professor and Superintendent of Station
O. D. Curtis, M.S., Instructor
T. E. Davis, B.S., Assistant (resigned Feb. 19, 1958)
B. Green, M.S., Instructor (returned from military leave January 2, 1958)

WEST LOUISIANA EXPERIMENT STATION, DERIDDER
C. B. Roark, M.S., Associate Professor and Superintendent of Station
J. I. Feazel, M.S., Instructor
H. E. Harris, B.S., Instructor

DEAN LEE AGRICULTURAL CENTER, LECOMPT
W. A. Nipper, M.S., Assistant Professor (transferred from Red River Valley Experiment Station, July 1, 1957)

IBERIA LIVESTOCK EXPERIMENT FARM, JEANERETTE
T. M. DeRouen, M.S., Assistant Professor (transferred from Animal Industry Department [main station] July 1, 1957)
C. E. Hyde, M.S., Assistant

IDLEWILD, CLINTON (P.O. Box 387)
C. B. Singletary, M.S., Assistant Professor (transferred from Animal Industry Dept. [main station] July 1, 1957)

UNITED STATES DEPARTMENT OF AGRICULTURE
(Located at State Station, Baton Rouge, Louisiana)
B. Bolton, M.S., Agricultural Economist (appointed May 6, 1957)
M. L. Burks, Jr., B.S., Chemist (appointed Feb. 11, 1958)
R. W. Burrell, B.S., Entomologist
C. C. Cantwell, B.S., Apiculturist
J. Covington, M.S., Agent, Soil Scientist (resigned Mar. 18, 1957)
T. P. Dykstra, Ph.D., Senior Pathologist
N. W. Earle, Ph.D., Biochemist (appointed Mar. 1957)
S. L. Earle III, B.S., Soil Scientist (appointed Sept. 23, 1957)
R. C. Gaines, B.S., Entomologist (transferred to Agricultural Experiment Station July 17, 1956)
Z. F. Lund, M.S., Agent (Soil Scientist)
O. Mackensen, Ph.D., Apiculturist
D. C. Neal, Ph.D., Senior Pathologist
E. Oertel, Ph.D., Apiculturist  
W. C. Roberts, Ph.D., Apiculturist  
I. L. Saveson, B.S., Drainage Engineer  
H. Stoneberg, M.S., Agronomist  
S. Taber, B.S., Apiculturist  
W. Whitcomb, Jr., Ph.D., Apiculturist in Charge  
L. S. Whitlock, M.A., Agent  

(Located at Rice Experiment Station, Crowley, Louisiana)  

N. E. Jodon, M.S., Agronomist  

(Located at Iberia Livestock Experiment Farm, Jeanerette, Louisiana)  

S. L. Cathcart, M.S., Dairy Husbandman  
E. H. Vernon, Ph.D., Animal Husbandman

\(^1\)Part-time teaching