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PROGRAM THIRTEENTH ANNUAL FARMERS' WEEK FEBRUARY 9-13, 1920

NEW YORK
STATE COLLEGE OF AGRICULTURE

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FARMERS' WEEK at the New York State College of Agriculture at Cornell University is too well-known to need either explanation or advocacy. With each year of experience it grows richer and more stimulating and more helpful; its range and service broadens; and the attendance increases. Last year, despite the handicaps of labor shortage on the farms and the cluttered difficulties attending the emergence of the Nation from war, the attendance exceeded all previous records: more than four thousand persons actually registered at the College and many—nobody knows how many—neglected this formality for the more pressing business of reaching on time an anticipated lecture, demonstration, or conference.

The remarkable growth of Farmers' Week is a reflection of the quickened interest of the people of the State, farm men and women particularly, in the means of advancing agriculture and country life. In no other great industry are the rank and file of the workers so eagerly seeking and applying the benefits of education and research; and American farmers are gaining a new competence, assurance, and recognition. It bodes well for the future.

The Thirteenth Annual Farmers' Week, into the making of which has gone the experience, tradition, and inspiration of twelve years of successful effort, is now offered, attuned to meet the new problems of farmers in the present hour. The State College of Agriculture bids a hearty welcome to the increasing host of visiting friends.—A. R. MANN.

INFORMATION

- Information bureau and police protection.**—Visitors may apply to the information bureau on the first floor of Roberts Hall for programs and information. Police protection is under the supervision of Lieutenant T. H. Twisten Proctor of Cornell University, late of the Philadelphia Police Department.
- Room and board.**—A directory of available rooming and boarding places may be found in Roberts Hall, Room 164. Plans have been made to insure comfortable accommodations for all visitors.
- Checking room.**—On the second floor of Roberts Hall is a room in which coats and parcels may be checked free of charge.
- Lecture rooms and laboratories.**—The rooms of the buildings of the College of Agriculture are numbered independently. All rooms on the first floor bear numbers in the first hundred, those on the second floor in the second hundred, and so on. The location of demonstrations and lectures is indicated by giving the name of the building and the number of the room; thus, Roberts 392 is a lecture room on the third floor of Roberts Hall.
- Guides to campus and farm.**—Parties of five or more will be furnished guides to points of interest on the university campus and farm, by applying to the information bureau.
- Meals.**—The cafeteria in the Home Economics Building is open from 7.15 to 9 a. m., 11 a. m. to 2 p. m., 5 to 7 p. m. Lunches or full meals may be procured at regular cafeteria prices. In addition there is a lunch counter in the basement of Roberts Hall, luncheon service in the forestry clubroom in the Forestry Building, the poultry dining service from 12 to 1.30 p. m. daily on the first floor of the Poultry Building, and a lunch room on the first floor of the Dairy Building.
- Conventions and Conferences.**—Conventions and conferences meeting during Farmers' Week are open to all persons.

GUIDE TO BUILDINGS

COLLEGE OF AGRICULTURE

Roberts Hall

- Basement.—Mailing rooms; men's lavatory; lunch counter.
- First floor.—Dean's office; information bureau; business office; Secretary's office; Extension Department (headquarters for Farmers' Week); assembly room.
- Second floor.—Lecture rooms 292, 202, 232; women's rest room; Departments of Pomology and Floriculture; office of State Leader of County Agents; fruit show.
- Third floor.—Department of Entomology; lecture rooms 392 and 302; entomology exhibit, 302.
- Fourth floor.—United States Weather Bureau; Department of Entomology.
- Roof Outlook.—Enter thru weather bureau office, east door.

Stone Hall (west of Roberts Hall)

- Basement.—Plant physiology laboratories; college library.
- First floor.—Lecture room 192; botany offices and laboratories; office of Farm Practice and Farm Superintendence.
- Second floor.—Botany offices and laboratories.
- Third floor.—Department of Botany, and botany laboratories.

Dairy Building (east of Roberts Hall)

- Basement.—Dairy mechanics laboratories; laundry; office of State Chemist; dairy extension, or manufacturing division, comprising (1) market milk room, (2) butter and separator rooms, (3) cheese rooms, (4) farm dairy room, and (5) starter room.
- First floor.—Department of Dairy Industry; dairy bacteriology laboratory; reading room; lunch room.

Second floor.—Lecture rooms 202 and 222; milk-testing laboratory; women's lavatory.

Third floor.—Landscape art, free-hand drawing practice room 371; meteorology office and laboratory.

Poultry Husbandry Building (east of Dairy Building)

Basement.—Incubator cellar; cold storage rooms; killing room and poultry marketing equipment; shipping crates; packages.

First floor.—Egg room; poultry mechanics room; men's lavatory, poultry dining service; farm crops exhibit 174.

Second floor.—Departments of Poultry Husbandry and Farm Crops; poultry reading room; poultry management exhibit 229.

Third floor.—Lecture rooms and laboratories; farm crops exhibit 325; poultry stock exhibit 300.

First, second, and third floor corridors.—Poultry guessing contests.

Home Economics Building (north of Roberts Hall)

Basement.—Cafeteria; men's lavatory; women's lavatory.

First floor.—Department of Home Economics; classroom 100; small living apartment for practice in housekeeping.

Second floor.—Assembly room 245; food laboratories; women's lavatory.

Third floor.—Office of State Leader of Home Demonstration Agents; sewing laboratories 300, 305, 310; women's lavatory.

Fourth floor.—Drafting room; textile laboratory; women's lavatory; editorial room 450.

Farm Management Building (north and east of the Dairy Building)

Department of Farm Management; laboratories 101 and 102.

Rural Engineering Building (east of Farm Management Building and Caldwell Hall)

Rural engineering laboratories; farm mechanics exhibit.

Greenhouses (east of Dairy Building)

Headhouse and glasshouses; floriculture lecture room, second floor of headhouse; floriculture exhibit; vegetable gardening exhibit.

Landscape Art Building (north of Rural Engineering Building)

Department of Landscape Art.

Cornell Countryman Building (west of Stone Hall and across the road)

Animal Husbandry Building (east of Poultry Husbandry Building)

Basement.—Meat laboratories; cutting and curing rooms; men's lavatory.

First floor.—Department of Animal Husbandry; lecture rooms A and B.

Second floor.—Feed laboratories.

Third floor.—Laboratories; women's lavatory; library, room E.

Stock Judging Pavilion (east of Animal Husbandry Building)

Baily Hall (west of Home Economics Building)

Basement (entrance on north side)—Department of Plant Pathology; laboratories.

First floor.—Auditorium.

Forestry Building (east of greenhouses)

Basement.—Rural economy office; men's lavatory; post-treating tank.

First floor.—Department of Forestry; lecture room 122; forestry exhibit.

Second floor.—Departments of Plant Breeding and Rural Economy; laboratories; women's lavatory; lecture room 210.

Third floor.—Club and lunch room; laboratories.

Caldwell Hall (east of Home Economics Building)

Basement.—Laboratories; men's lavatory.

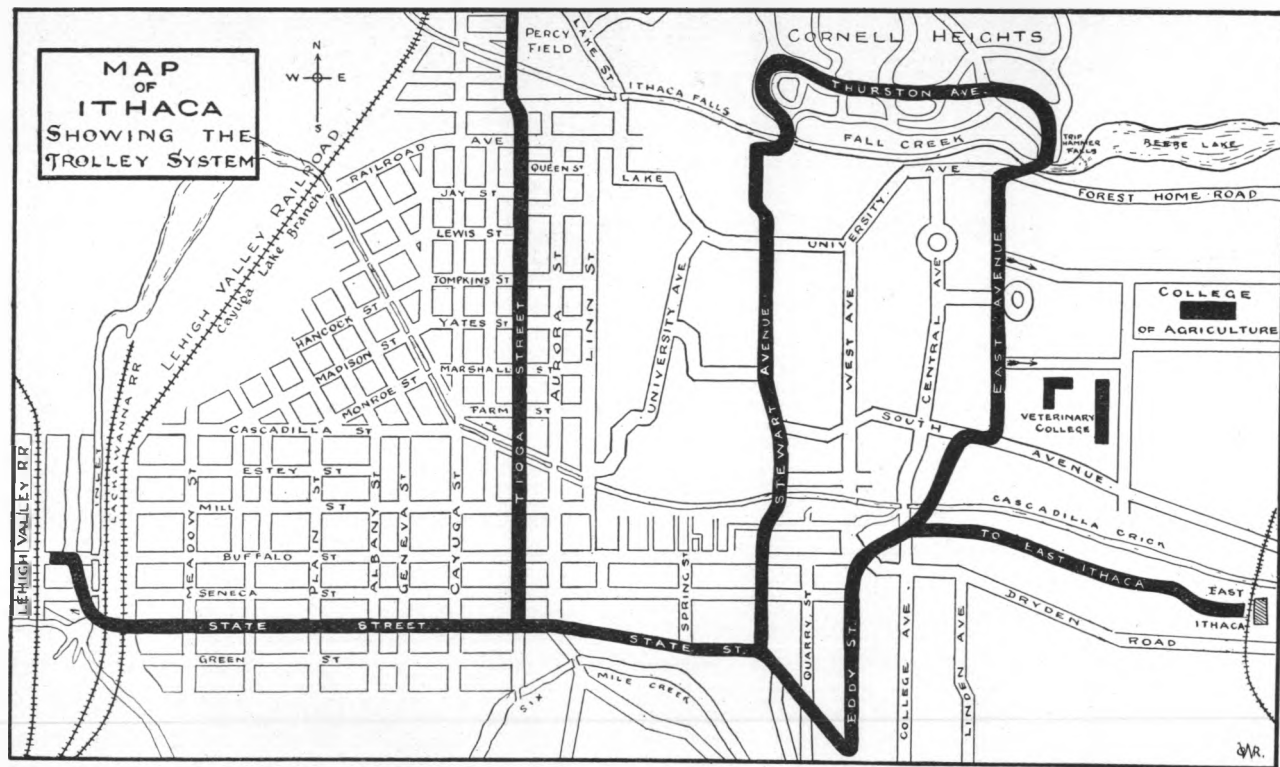
First floor.—Departments of Soil Technology and Agricultural Chemistry; lecture rooms 100 and 143; women's lavatory.

Second floor.—Departments of Rural Education and Rural Engineering; laboratories and classrooms.

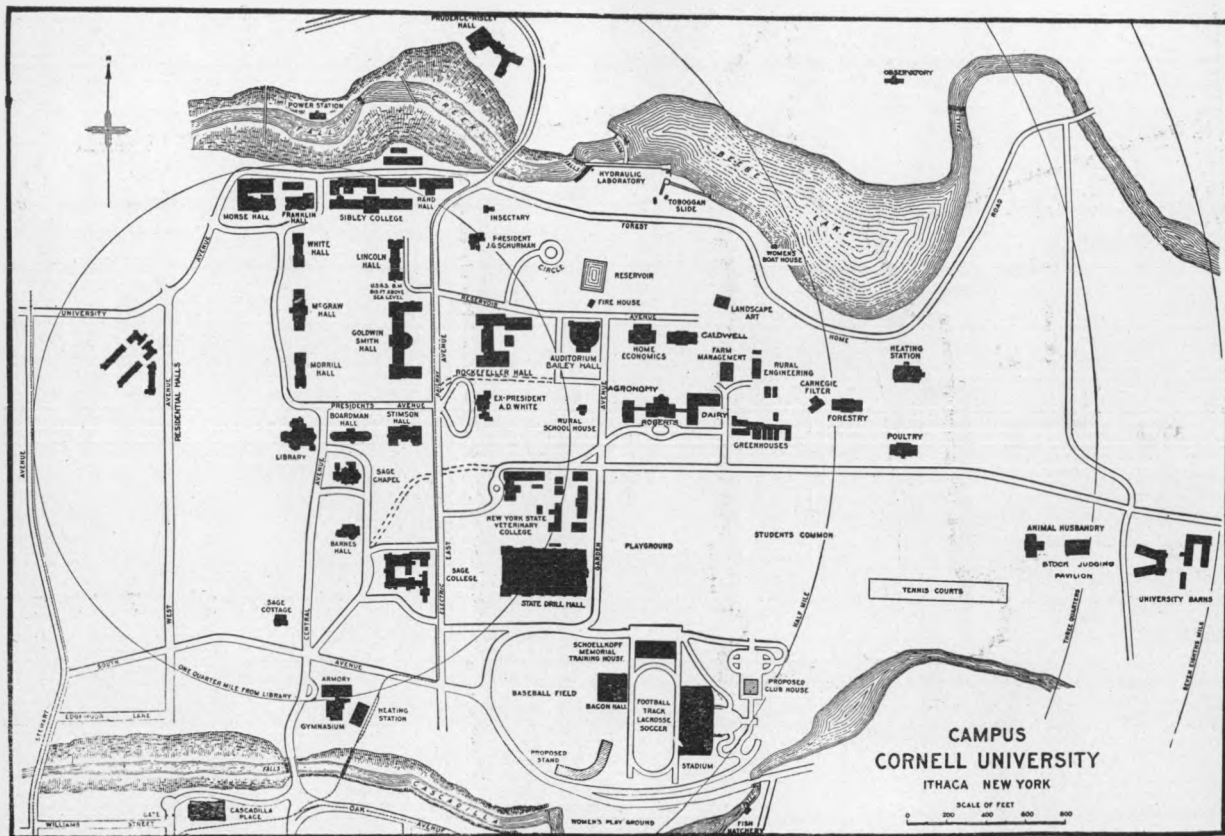
Third floor.—Soil technology offices; laboratories.

Fourth floor.—Rural education offices; laboratories.

Home Economics Lodge (North of Bailey Hall)



ALL CARS MARKED EDDY OR STEWART GOING EAST ON STATE STREET PASS THRU THE CORNELL CAMPUS



LECTURES AND DEMONSTRATIONS

MONDAY, FEBRUARY 9

(For Homemakers' Conference program, see page 24)

- 9 a. m. The seed potato problem in New York. Professor E. V. Hardenburg. Dairy 222. Repeated Thursday at 9 a. m.
The problems of hatching vigorous chicks: from the incubation standpoint. E. L. Banner. Poultry 375.
Demonstration: Slaughtering hogs. Professor K. J. Seulke. Animal Husbandry Meat Laboratory.
Floricultural exhibit staged by winter course students (thruout the day). Floriculture Building.
- 10 a. m. The need of a new seed law. M. T. Munn. Dairy 222.
New York's lime problems. E. E. McLean. Caldwell 100. Repeated Friday at 10 a. m.
Ways to start farming with small capital. Professor G. F. Warren. Farm Management 102.
A plan for the forest development of a county, township, or community. Professor G. H. Collingwood. Forestry 122.
Growing the young stock from incubator to laying house. L. E. Card. Poultry 375.
- 11 a. m. Apple plant lice and their control. Professor Robert Matheson. Roberts 292
A program of seed improvement for New York. Professor J. H. Barron. Dairy 222. Repeated Thursday at 10 a. m.
Water-supply systems. (Illustrated.) Professor H. W. Riley. Caldwell 100. Repeated Friday at 11 a. m.
Question box: Agricultural credit. Ivan Wright. Farm Management 102
Factors influencing milk production. Professor C. A. Boutelle. Animal Husbandry A
Feeding fowls for economical egg production. Professor G. F. Heuser. Poultry 375.
- 12 m Prices of farm products and probable future prices. Professor G. F. Warren. Roberts Assembly. Repeated Wednesday at 10 a. m.
Lessons learned from variety tests of alfalfa. F. C. Smith. Dairy 222
Methods of estimating the standing timber in the woodlot. Professor John Bentley, jr. Forestry 122
Demonstration: A gas engine taken down, parts explained and reassembled. F. L. Fairbanks. Farm Mechanics Laboratory. Repeated Friday at 9 a. m.
Demonstration and luncheon: Food value of poultry and eggs, to show preparation and serving of poultry and egg products (until 1.30 p. m.). Departments of Home Economics and Poultry Husbandry cooperating. Poultry 100
- 1 p. m. Motion pictures. Bailey Auditorium
Demonstration: Testing a tractor for belt horsepower. F. L. Fairbanks. Farm Mechanics Laboratory.
Poultry guessing contests (thruout the day). E. L. Banner. Corridors of Poultry Building
Lecture and demonstration: Making starter and commercial buttermilk (until 5 p. m.). Professor E. S. Guthrie and H. C. Jackson. Dairy 2

- 2 p. m.** Address of welcome. Dean A. R. Mann. Roberts Assembly
 The farm ice house. A. M. Goodman. Caldwell 143
 How to take a farm inventory. C. V. Noble. Farm Management 102.
 Repeated Friday at 2 p. m.
 Demonstration: Soldering. J. F. Kramer. Farm Mechanics Laboratory
 Lecture and demonstration: Types of milk houses for the farm (until 4 p. m.). Professor H. E. Ross. Dairy Market Milk Laboratory
 Lecture and demonstration: Methods of counting bacteria in milk (until 4 p. m.). W. A. Whiting. Dairy 132
 Lecture and demonstration: Ice-cream making (until 5 p. m.). Professor W. W. Fisk and W. V. Price. Dairy E 122
 Lecture and demonstration: Testing dairy products (until 4 p. m.). Professor T. J. McInerney. Dairy 232
 Floricultural exhibit staged by winter course students (until 5 p. m.). Floricultural Building
- 3 p. m.** Top-working by budding and grafting. C. G. Vinson. Roberts 292.
 Farm manure. Professor E. L. Worthen. Caldwell 100. Repeated Friday at 11 a. m.
 How to keep a cash account. Professor G. P. Scoville. Farm Management 102. Repeated Friday at 3 p. m.
 Poultry farming for women. H. Corinne Wagner. Poultry 375
 The silage corn situation. Professor F. P. Bussell. Forestry 210
 Demonstration: Valve grinding and fitting piston rings. F. E. Quick. Farm Mechanics Laboratory
 Demonstration: Slaughtering lambs. Professor K. J. Seulke. Animal Husbandry A
- 4 p. m.** Birds and what they do for us. (Illustrated.) Professor A. A. Allen. Roberts Assembly
 A study of apple varieties. (Illustrated.) H. A. Phillips. Roberts 292
 How to keep an account showing the cost of producing a crop. R. L. Gillett. Farm Management 102
 Demonstration: Buying and mixing feeds (at 4.30). Professor E. S. Savage. Animal Husbandry A
 Demonstration: Pointing and tempering cold chisels. J. E. Whipple. Farm Mechanics Laboratory
 Poultry demonstrations:
 Practice in balancing rations for special purposes to meet varying feed prices. Professor G. F. Heuser. Poultry 375
 Practice in handling systems and devices for lighting poultry houses. W. G. Krum. Poultry Basement
 Practice in selecting hens, pullets, and male birds for breeding. Professor O. B. Kent. Poultry 300
 Practice in poultry-farm records and accounts. H. E. Botsford. Poultry Library
 Practice in packing eggs and poultry for market. H. I. Macomber. Poultry 100

Evening

- 8 p. m.** Winter course prize-speaking contest for the Nevin cup. Winter Course Club debate for the Morrison cup. Music by Winter Course Club. Roberts Assembly

TUESDAY, FEBRUARY 10

(For Homemakers' Conference program, see page 24)

- 9 a. m. Work of the United States Bureau of Markets. George Livingston. Roberts Assembly
- Orchard pests of the past season, with suggestions for their control. Professor G. W. Herrick. Roberts 292
- The increase in the yield of potatoes as a result of seed selection. Professor F. P. Bussell. Dairy 222
- Farm sanitation and sewage disposal. (Illustrated.) Professor J. C. McCurdy. Caldwell 100
- Fuels and carburetors. Professor F. G. Behrends. Caldwell 143
- Systems of dairy farming. Professor E. G. Misner. Farm Management 102
- The future timber supply of the United States—how it must be provided. Professor R. S. Hosmer. Forestry 122
- The health organization of a rural community as it is and as it might be. Dr. John A. Smith. Home Economics 245
- The poultry fancy. D. Lincoln Orr. Poultry 375
- Summer management of hogs. Professor H. A. Hopper. Animal Husbandry A
- Demonstration: Harness making and repairing. Animal Husbandry D
- Lecture and demonstration: Making starter and commercial butter-milk, ripening cream, and churning (until 5 p. m.). Professor E. S. Guthrie and H. C. Jackson. Dairy 2
- Lecture and demonstration. Fancy cheese making (until 5 p. m.). Professor W. W. Fisk and H. B. Neville. Dairy E-132
- Lecture and demonstration: Methods of cooling milk (until 12 m.) Professor H. E. Ross. Dairy Market Milk Laboratory
- Floricultural exhibit staged by regular students (thruout the day). Floriculture Building.
- 10 a. m. Cooperative marketing of milk. Bradley Fuller. Roberts Assembly
- Thinning and other factors determining the size and color of apples. Professor A. J. Heinicke. Roberts 292
- Report of potato inspection work in 1919. Professor E. V. Hardenburg. Dairy 222
- Rural Education Conference (until 1 p. m.). How shall the need for better rural schools in the State be met? Caldwell 100. See page 22
- Machinery for tile drainage. Results of a year with power ditchers. Professor B. B. Robb. Caldwell 143
- How to pick out the best hens for breeding. W. G. Krum. Poultry 375
- Hog cholera. Professor R. R. Birch. Animal Husbandry A
- Legume inoculation. Professor O. F. Curtis. Stone 192
- Demonstration: Lightning, and lightning conductors. Professor H. W. Riley. Farm Mechanics Laboratory
- Preservative treatment of fence posts and other farm timbers. (Illustrated.) C. H. Guise. Forestry 122
- Laboratory exercise: Seed grading and identification. O. W. Dynes. Poultry 350. Repeated Wednesday and Thursday at 10 a. m.
- Lecture and demonstration: Changes in milk caused by bacteria (until 12 m.). M. P. Moon. Dairy 132
- Lecture and demonstration. Testing dairy products (until 12 m.). R. A. Perry. Dairy 232

- 11 a. m.** The State Grange Exchange. Richard Hall. Roberts Assembly
 The home orchard. H. A. Phillips. Roberts 292
 Points that every beginner in beekeeping should know. G. H. Rea. Roberts 392
 The discovery and control of the potato wart in Pennsylvania. (Illustrated.) Dr. C. R. Orton. Dairy 222
 Demonstration: Practical methods for the cleaning and care of milking machines. Professor J. D. Brew and A. M. Goodman. Caldwell 143. Repeated Thursday at 4 p. m.
 Demonstration: Installing hot and cold water in the kitchen. Professor F. G. Behrends. Farm Mechanics Laboratory
 Forest planting methods and their application on the farm. Professor S. N. Spring. Forestry 122
 Breeding better strains of wheat for New York. Professor H. H. Love. Forestry 210
 How to pick out male birds for breeding purposes. Professor O. B. Kent. Poultry 375
 Conference: Swine growers. Animal Husbandry A
- 12 m.** Eastern Shore of Virginia Producers' Exchange. N. B. Westcott. Roberts Assembly
 New York State Potato Association. Preliminary business meeting. Dairy 222.
 Gas engine lubrication, and lubrication oils. (Illustrated.) Professor H. W. Riley. Caldwell 143. Repeated Friday at 12 m.
 Selecting and scoring fruit for exhibition. Professor R. W. Rees. Roberts 292
 Conference: Study of farm crops exhibits. Poultry 174 and 325
 Demonstration and luncheon: Food value of poultry and eggs, to show preparation and serving of poultry and egg products (until 1.30 p. m.). Departments of Home Economics and Poultry Husbandry cooperating. Poultry 100
- 1 p. m.** Motion pictures. Bailey Auditorium
 Demonstration: Testing a tractor for belt horsepower. F. E. Quick. Farm Mechanics Laboratory.
 Poultry guessing contests (thruout the day). E. L. Banner. Corridors of Poultry Building
- 2 p. m.** The farmers' opportunity in the national readjustment. E. S. Bayard. Bailey Auditorium
 Round table: Horse breeding. Professor M. W. Harper. Animal Husbandry A
 Lecture and demonstration: Making starter and commercial buttermilk, ripening cream, and churning (until 5 p. m.). Professor E. S. Guthrie and H. C. Jackson. Dairy 2
 Lecture and demonstration: Fancy cheese making (until 5 p. m.). Professor W. W. Fisk and H. B. Neville. Dairy E-132
 Lecture and demonstration: Care of dairy utensils (until 4 p. m.) P. A. Downs. Dairy 132
 Lecture and demonstration: Testing dairy products. R. A. Perry. Dairy 232
 Floricultural exhibit staged by regular students (until 5 p. m.). Floriculture Building

- 3 p. m. Price of milk. Professor G. F. Warren. Farm Management 102
 Eradication of animal diseases. Professor V. A. Moore. Roberts Assembly
 Soils of New York State. Professor H. O. Buchman. Caldwell 100
 Farm drainage. Professor B. B. Robb. Caldwell 143
 How may cabbage be improved by seed selection? Professor C. H. Myers.
 Forestry 210
 Cooperative marketing of hay. F. W. Bauder. Stone 192
 Line breeding for egg production and results. Professor O. B. Kent. Poul-
 try 375
 Discussion: To what extent does potato grading pay? (Until 3.30 p. m.)
 F. C. Gibbs, E. E. Hulst, W. A. Jones, and A. G. Smith. Dairy 222
 The potato grower and his marketing problem (at 3.30 p. m.). Daniel
 Dean. Dairy 222
 The present production problems and future marketing problems of peaches.
 E. H. Anderson and Professor R. W. Rees. Roberts 292
 Demonstration: Adjusting engine bearings and cutting gaskets. F. L.
 Fairbanks and A. M. Goodman. Farm Mechanics Laboratory
 Demonstration: Horse training. Students' prize competition. Stock
 Judging Pavilion
 Laboratory exercise: Study of the oat plant and varieties of oats for New
 York. R. G. Wiggans. Poultry 350
- 4 p. m. Small fruits for home use. O. M. Taylor. Roberts 292
 Central fruit-packing houses. George E. Stahler. Roberts 392
 Management and business methods of cooperative stores. Stone 192
 Birds in relation to agriculture. (Illustrated). Professor A. A. Allen.
 Roberts Assembly
 The purchase and use of fertilizers. Professor E. L. Worthen. Caldwell 100
 How to calculate the farmer's income in accordance with the income tax laws.
 Professor W. I. Myers. Farm Management 102. Repeated Friday at
 12 m.
 Ten-minute reports from secretaries of local seed-potato associations in
 New York. Dairy 222
 Demonstration: Practical suggestions on the operation of milking machines.
 Professor J. D. Brew and A. M. Goodman. Caldwell 143. Repeated
 Thursday 5 p. m.
 Demonstration: Creosote treatment for fence posts. C. H. Guise. Fores-
 try Basement
 Demonstration: Wiring gas engine battery ignition systems. F. E. Quick.
 Farm Mechanics Laboratory. Repeated Friday at 4 p. m.
 Demonstration: Buying and mixing feeds (at 4.30). Professor E. S.
 Savage. Animal Husbandry A
 Poultry demonstrations:
 Practice in balancing rations for special purposes to meet varying feed
 prices. Professor G. F. Heuser. Poultry 375
 Practice in handling systems and devices for lighting poultry houses. W. G.
 Krum. Poultry Basement
 Practice in selecting hens, pullets, and male birds for breeding. Professor
 O. B. Kent. Poultry 300
 Practice in keeping poultry-farm records and accounts. H. E. Botsford.
 Poultry Library
 Practice in packing eggs and poultry for market. H. I. Macomber. Poul-
 try 100

- 5 p. m. Demonstration: Rope splicing and knot tying. Professor B. B. Robb, N. D. Steve, and A. M. Goodman. Caldwell 100
 Demonstration: Gas engine ignition (battery). F. L. Fairbanks. Farm Mechanics Laboratory

Evening

- 8 p. m. Concert by the Cornell University Orchestra, George L. Coleman, Conductor. No admission fee. Bailey Auditorium

WEDNESDAY, FEBRUARY 11

(For Homemakers' Conference program, see page 24)

- 9 a. m. The 1919 agricultural year—facts and comments. Professor G. N. Lauman. Roberts Assembly
 The outlook for fruit growing. Professor W. H. Chandler. Roberts 292
 The farmer's vegetable garden. Professor H. C. Thompson. Roberts 392
 Thick versus thin planting of potatoes. F. C. Stewart. Dairy 222
 Care and management of the dairy herd. Professor H. H. Wing. Animal Husbandry A
 Experiments in fertilizing a crop rotation. Professor T. L. Lyon. Caldwell 100
 Ice-house construction and storage of ice. W. E. Ayers. Stone 192
 Concrete on the farm. (Illustrated.) Professor J. C. McCurdy. Caldwell 143
 Illumination, our most important method of controlling egg production. Professor J. E. Rice. Poultry 375
 Planning the home grounds. Professor E. G. Davis. Landscape Art Lecture Room
 The college woodlots—an example of cooperative management of farm woodlots. Professor G. H. Collingwood. Forestry 122
 Corn improvement from the breeding standpoint. Professor C. B. Hutchinson. Forestry 210
 Demonstration: Harness making and repairing. Animal Husbandry D
 Lecture and demonstration: Making starter and commercial buttermilk, ripening cream, and churning (until 5 p. m.). Professor E. S. Guthrie and H. C. Jackson. Dairy 2
 Lecture and demonstration: Pasteurizing milk (until 12 m.). Professor H. E. Ross. Dairy Market Milk Laboratory
 Contest: Locating gas engine troubles. F. L. Fairbanks versus F. E. Quick. Farm Mechanics Laboratory
- 10 a. m. Prices of farm products and probable future prices. Professor G. F. Warren. Roberts Assembly
 Renovation of the old orchard. Professor A. J. Heinicke. Roberts 292
 Growing early vegetable plants, including construction and management of hotbeds and coldframes. Professor H. W. Schneck. Roberts 392
 Muck-land drainage during the past season. Professor B. B. Robb. Caldwell 143
 Rearing calves. Professor E. S. Savage. Animal Husbandry A
 A farmer's experience in the use of illumination to increase egg production. F. A. Salisbury. Poultry 375
 Some suggestions on how to know the trees. Professor R. S. Hosmer. Forestry 122
 Some disease problems of florists' crops. Professor L. M. Massey. Floriculture Building

- Plants for the home grounds. Professor R. W. Curtis. Landscape Art Lecture Room
- Advertising for farmers. M. V. Atwood. Stone 192
- Seed-potato problems in New Jersey (until 11.30 a. m.). L. Willard Minch. Dairy 222
- Rural Education Conference (until 1 p. m.). How shall the need for better rural schools in the State be met? Caldwell 100. See page 22
- Demonstration: Putting up line shafting; pulley sizes, and speeds of pulleys Professor F. G. Behrends. Farm Mechanics Laboratory.
- Lecture and demonstration: Testing dairy products (until 12 m.). Professors H. C. Troy and T. J. McInerney. Dairy 232
- Lecture and demonstration: Methods of counting bacteria in milk (until 12 m.). W. A. Whiting. Dairy 132
- Laboratory exercise:
- Seed grading and identification. O. W. Dynes. Poultry 350. Repeated Thursday at 10 a. m.
- 11 a. m.** Concerning the forest, fish, and game of New York State. (Illustrated.) Clinton G. Abbott. Roberts Assembly
- New facts on some insects and insecticides. P. J. Parrott. Roberts 292
- Important vegetable diseases and methods of control. H. W. Dye. Roberts 392
- The community and the country paper. Frank Walker. Stone 192
- Some factors that influence the cost of producing milk. Professor E. G. Misner. Farm Management 102
- Small grain breeding in New York—a discussion of methods and results. Professor F. P. Bussell. Forestry 210
- Accredited herds. D. W. McLaurey. Animal Husbandry A
- The College of Agriculture and the florist. Professor E. A. White. Floriculture Building
- New York State Potato Association. Reports of committees and final business meeting (at 11.30 a. m., until 1 p. m.). Dairy 222
- The mechanics of illumination in supplying artificial light for egg production Professor H. W. Riley. Poultry 375
- Is forest planting worth while? A financial consideration. C. H. Guise. Forestry 122
- Demonstration: Electric ignition (magnetos). F. L. Fairbanks. Farm Mechanics Laboratory
- 12 m.** Pasture grasses for New York. Professor E. G. Montgomery. Roberts Assembly
- Some results of cost-production studies. Professor G. F. Warren. Farm Management 102
- Important considerations in the apple industry as shown by the 1919 survey in western New York. C. G. Vinson. Roberts 292
- Growing tomatoes for the cannery. M. D. Butler. Roberts 392
- Printed information for the farmer. Professor Bristow Adams. Stone 192
- Winter flowers in California. Professor A. C. Beal. Floriculture Building
- Demonstration: Gas engine timing. Professor F. G. Behrends. Farm Mechanics Laboratory
- Conference: Study of farm crops exhibits. Poultry 174 and 325
- Demonstration and luncheon: Food value of poultry and eggs, to show preparation and serving of poultry and egg products (until 1.30 p. m.). Departments of Home Economics and Poultry Husbandry cooperating. Poultry 100

- 1 p. m.** Motion pictures. Bailey Auditorium
 Demonstration: Testing a tractor for belt horsepower. F. L. Fairbanks.
 Farm Mechanics Laboratory
 Poultry guessing contests (thruout the day). E. L. Banner. Corridors
 of Poultry Building
- 2 p. m.** The rural schools of our State. Dr. John H. Finley. Bailey Audi-
 torium
 Question box: Marketing problems. Professor J. E. Boyle. Farm
 Management 102
 Demonstration: Pointing and tempering cold chisels. J. E. Whipple.
 Farm Mechanics Laboratory
 Demonstration: Meat cutting (until 4 p. m.). Professor K. J. Seulke.
 Animal Husbandry A
 New York State Federation of Horticultural Societies and Floricultural
 Clubs. Business meeting. Floriculture Building
 Lecture and demonstration: Making starter and commercial buttermilk,
 ripening cream, and churning (until 5 p. m.). Professor E. S. Guthrie
 and H. C. Jackson. Dairy 2
 Lecture and demonstration: Change in milk caused by bacteria (until
 4 p. m.). Professor W. A. Stocking. Dairy 132
 Lecture and demonstration: Cheddar-cheese making (until 5 p. m.).
 C. R. Owens. Dairy E-152
 Lecture and demonstration: Testing dairy products (until 4 p. m.) Pro-
 fessors H. C. Troy and T. J. McInerney. Dairy 232
- 3 p. m.** The relation of art to home and community. Henry Turner Bailey.
 Bailey Auditorium
 The purposes and work of the New York State and American farm bureau
 federations. S. L. Strivings. Roberts Assembly
 The latest teachings in horticulture. U. P. Hedrick. Roberts 292
 Cooperative marketing organizations. Professor J. E. Boyle. Roberts 392
 Utilization and improvement of New York State soils. Professor E. L.
 Worthen. Caldwell 143
 Question box: Farm-management problems. Professor G. F. Warren.
 Farm Management 102
 The administration of potato-seed inspection and certification. Professor
 H. H. Whetzel. Dairy 222
 Farm tractors (until 5 p. m.). Professor H. W. Riley. Forestry 122
 Rural Education Conference
 Forum: How shall the need for better rural schools in the State be met?
 Professor Geo. A. Works, Chairman. Caldwell 100
 The use and abuse of publicity. Professor Bristow Adams. Stone 192
 Farmers' competitive cow judging (at 3.30). Stock Judging Pavilion
 Results of a poultry survey on the use of artificial light to increase egg pro-
 duction. L. M. Hurd. Poultry 375
 Laboratory exercise: Potato types and varieties. Professor E. V. Harden-
 burg. Poultry 350. Repeated Thursday 3 p. m.
- 4 p. m.** Alumni Association of the New York State College of Agriculture (until
 6 p. m.). Roberts Assembly. See page 20
 Cover crops for the orchard. Professor W. H. Chandler. Roberts 292
 Important vegetable insects and methods of control. Professor M. D.
 Leonard. Roberts 392

Further developments in the work of mosaic and leaf roll of potatoes. Professor F. M. Blodgett. Dairy 222

Round table: The place and business of the country news paper. Led by Fay Parsons. Stone 192

Round table: Marketing woodlot products. Led by members of the staff of the Department of Forestry. Forestry 210

Demonstration: Buying and mixing feeds (at 4.30 p. m.). Professor E. S. Savage. Animal Husbandry A

Poultry demonstrations:

Practice in balancing rations for special purposes to meet varying feed prices. Professor G. F. Heuser. Poultry 375

Practice in handling systems and devices for lighting poultry houses. W. G. Krum. Poultry Basement

Practice in selecting hens, pullets, and male birds for breeding. Professor O. B. Kent. Poultry 300

Practice in poultry-farm records and accounts. H. E. Botsford. Poultry Library

Practice in packing eggs and poultry for market. H. I. Macomber. Poultry 100

5 p. m. Demonstration: Timing and setting a magneto on a tractor. F. E. Quick. Farm Mechanics Laboratory

Annual business meeting of the Alumni Association of the New York State College of Agriculture. Roberts Assembly

Evening

6 p. m. Alumni Association of the New York State College of Agriculture. Informal reception and supper for all former, regular, special, and winter course students, and members of the faculty. Home Economics 245

8 p. m. Birds and bird life in New York State. (Illustrated.) Professor A. A. Allen. Roberts Assembly

Kermis—A play written and produced by students of the College. (An admission fee will be charged and the proceeds will be used for student activities.) Bailey Auditorium

THURSDAY, FEBRUARY 12

(For Homemakers' Conference program, see page 24)

9 a. m. The seed-potato problem in New York. Professor E. V. Hardenburg. Roberts Assembly

The June drop of fruits. Professor A. J. Heinicke. Roberts 292

Soil fertility problems in market gardening. Professor H. C. Thompson. Roberts 392

Causes for variations in the percentage of fat in milk. Professor H. C. Troy. Dairy 222

Soil organisms and legume inoculation. Professor J. K. Wilson. Caldwell 100

Programs for the improvement of agriculture. Professor G. F. Warren. Farm Management 102

Homemade leveling instruments and their use. Professor J. C. McCurdy. Caldwell 143

A history of the forestry movement in the United States. Professor R. S. Hosmer. Forestry 122

Garden lilies. Professor David Lumsden. Floriculture Building
 Progress in sheep husbandry. Professor M. J. Smith. Animal Husbandry A
 Shall New York State set the standard for high quality of eggs? If so, how? (Illustrated). Professor E. W. Benjamin. Poultry 375
 New York timothy—a neglected possibility for improvement in the hay industry. Professor C. H. Myers. Forestry 210
 Round table: Planning and planting the farm grounds (until 11 a. m.). Professors E. G. Davis and R. W. Curtis. Landscape Art Lecture Room
 Demonstration: Timing a magneto on a small gas engine. Professor F. G. Behrends. Farm Mechanics Laboratory
 Demonstration: Harness making and repairing. Animal Husbandry D

- 10 a. m.** A program of seed improvement for New York. Professor J. H. Barron. Roberts Assembly
 The fruit growers' attitude toward new varieties. U. P. Hedrick. Roberts 292
 Round table: Growing celery on muck land. Clyde F. Mason. Roberts 392
 Importance of quality in dairy products. C. W. Fryhoffer. Dairy 222
 Field tests of raw rock and acid phosphate. Professor T. L. Lyon. Caldwell 100
 Ventilation of the dairy barn. Professor J. L. Strahan. Caldwell 143
 Use of the crop reporter in deciding whether to sell or to hold the potato crop. Professor G. P. Scoville. Farm Management 102
 Garden iris. Theresa E. Schindler. Floriculture Building
 The care and development of a maple sugar bush. Professor G. H. Collingwood. Forestry 122
 Preservation and storage of eggs as a means of increasing consumption and equalizing distribution. H. I. Macomber. Poultry 375
 Round table: Sheep husbandry. Animal Husbandry A
 Demonstration: A gas engine taken down, the parts explained, and the engine reassembled. F. E. Quick. Farm Mechanics Laboratory
 Laboratory exercise: Seed grading and identification. O. W. Dynes. Poultry 350

- 11 a. m.** Placing safe seed of improved varieties in the hands of the farmers. J. F. Cox. Roberts Assembly
 Recent experiments in the control of the apple and cherry maggots. Professor G. W. Herrick. Roberts 292
 Diseases of cabbage, cucumbers, and tomatoes, and methods of control. I. H. Vogel and R. P. White. Roberts 392
 Some economies in the production of clean milk. H. E. Cook. Dairy 222
 Recreation versus league clubs and directed playgrounds. G. A. Parker. Caldwell 100
 The Federal Land Bank. E. H. Thomson. Farm Management 102
 Beef production in the East. Professor W. H. Tomhave. Animal Husbandry A
 How to determine the stumpage of farm woodlots. Professor John Bentley, jr. Forestry 122
 Market factors affecting the poultry industry. (Illustrated.) Professor E. W. Benjamin. Poultry 375
 Experiences of the past season in laying out farm drainage systems. N. D. Steve. Caldwell 143

- Gladiolus for the garden. (Illustrated). Professor A. C. Beal. Floriculture Building
- Demonstration: Selection, care, and use of wood-working tools on the farm. L. M. Roehl. Farm Mechanics Laboratory
- 12 m. The potato aphid, and problems relating to its control. Professor M. D. Leonard. Roberts Assembly.
- The oat-improvement work of the year. Professor H. H. Love. Forestry 210
- Dusting of fruit. Professor H. H. Whetzel. Roberts 292
- Market information. Professor J. E. Boyle. Caldwell 100
- Preservative treatment of fence posts and other farm timbers. C. H. Guise. Forestry 122
- Diseases of the gladiolus. Professor L. M. Massey. Floriculture Building
- Livestock parade. In front of Roberts Hall
- Demonstration: Selection, care, and use of tools for the care and repair of farm machinery. F. L. Fairbanks. Farm Mechanics Laboratory
- Conference: A study of farm crops exhibits. Poultry 174 and 325
- Demonstration and luncheon: Food value of poultry and eggs, to show preparation and serving of poultry and egg products (until 1.30 p. m.). Departments of Home Economics and Poultry Husbandry cooperating. Poultry 100
- 1 p. m. Motion pictures. Bailey Auditorium
- Demonstration: Testing a tractor for belt horsepower. F. L. Fairbanks. Farm Mechanics Laboratory
- Poultry guessing contests (throughout the day). E. L. Banner. Corridors of the Poultry Building
- 2 p. m. Address. (Speaker to be announced). Bailey Auditorium
- How to determine the cost of producing milk. Professor E. G. Misner. Farm Management 102
- Demonstration: Pointing and tempering cold chisels. J. E. Whipple. Farm Mechanics Laboratory
- Students' livestock show. Stock Judging Pavilion
- 3 p. m. Forum on civics (until 5 p. m.). Americanization. President Jacob Gould Schurman presiding. Discussion led by Mrs. George Hewitt, Honorable Clayton R. Lusk, and Mary Wood, Bailey Auditorium
- Pasture improvement. Professor E. G. Montgomery. Roberts Assembly
- Pruning the young orchard. Professor W. H. Chandler. Roberts 292
- Why farmers should be interested in beekeeping. G. H. Rea. Roberts 392
- Outlook for the dairy farmer. Honorable Fred Rasmussen. Dairy 222
- Electric-light plants on the farm (until 5 p. m.). Professor H. W. Riley. Caldwell 100
- Out-door rose growing as a recreation. Dr. E. M. Mills. Floriculture Building
- Question box: Land Bank loans. E. H. Thomson. Farm Management 102
- Grading eggs and price reporting on the New York market. F. G. Urner. Poultry 375
- Laboratory exercise: Potato types and varieties. Professor E. V. Hardenburg. Poultry 350

- 4 p. m.** Some phases of the fertilizer question. Professor G. W. Cavanaugh. Roberts Assembly
- Pruning the bearing orchard. Professor R. W. Rees. Roberts 292
- Question box: Farm-management problems. Professor G. F. Warren. Farm Management 102
- Women in floriculture (followed by round table). Lua A. Minns. Floriculture Building
- Demonstration: Practical methods for the cleaning and care of milking machines. Professor J. D. Brew and A. M. Goodman. Dairy 222
- Demonstration: Creosote treatment of fence posts. C. H. Guise. Forestry Basement
- Demonstration: Buying and mixing feeds (at 4.30 p. m.). Professor E. S. Savage. Animal Husbandry A
- Conference: Wholesale marketing of eggs. C. J. Chandler and Professor E. W. Benjamin. Poultry 375
- Poultry demonstrations:
- Practice in balancing rations for special purposes to meet varying feed prices. Professor G. F. Heuser. Poultry 375
 - Practice in handling systems and devices for lighting poultry houses. W. G. Krum. Poultry Basement
 - Practice in selecting hens, pullets, and male birds for breeding. Professor O. B. Kent. Poultry 300
 - Practice in poultry-farm records and accounts. H. E. Botsford. Poultry Library
 - Practice in packing eggs and poultry for market. H. I. Macomber. Poultry 100
- 5 p. m.** Some of our game and non-game birds in their relation to agriculture. (Illustrated). Dr. William B. Bell. Roberts Assembly
- Demonstration: Practical suggestions on the operation of milking machines. Professor J. D. Brew and A. M. Goodman. Dairy 222
- Demonstration: Adjusting engine bearings and cutting gaskets. F. L. Fairbanks. Farm Mechanics Laboratory

Evening

- 6.30 p. m.** Banquet for livestock breeders.
- 8 p. m.** Eastman Stage contest. Eleventh annual speaking contest for the prize of \$120 given by A. R. Eastman. Bailey Auditorium

FRIDAY, FEBRUARY 13

(For Homemakers' Conference program, see page 24)

- 9 a. m.** Central packing houses. Professor R. W. Rees. Roberts 292
- Fuels and carburetors. Professor F. G. Behrends. Caldwell 143
- How some New York farmers have rearranged their farms to secure greater efficiency. Professor W. I. Myers. Farm Management 102
- Propagating trees and shrubs. C. E. Hunn. Landscape Art Lecture Room
- High points in poultry farming on the Pacific Coast. (Illustrated.) Professor James E. Rice. Poultry 375
- The rural school program. Caldwell 100
- Bulbs for the home. H. A. Pratt. Floriculture Building
- The manufacturing and marketing of maple-sap products. Professor G. H. Collingwood. Forestry 210

- Management of a beef breeding herd. Professor K. J. Seulke. Animal Husbandry A
- New York State Bean Growers' Cooperative Association. Forestry 122
- Report of investigations at the bean laboratory, Perry, New York
- Bean improvement by breeding disease-resistant types (until 9.30 a. m.). G. P. McRostie
- The production of disease-resistant garden beans (at 9.30 a. m.). Professor R. A. Emerson
- Lecture and demonstration: Making starter and commercial buttermilk, ripening cream, and churning (until 5 p. m.). Professor E. S. Guthrie and H. C. Jackson. Dairy 2
- Lecture and demonstration: Methods of cooling milk (until 12 m.). Professor H. E. Ross. Dairy Market Milk Laboratory
- 10 a. m.** New York's lime problem. E. E. McLean. Roberts Assembly.
- Important considerations in the storage of apples. Professor W. H. Chandler Roberts 292
- Some results of Tompkins and Livingston County surveys. Professor G. F. Warren. Farm Management 102
- Factors influencing the cost of egg production. H. E. Botsford. Poultry 375
- Palms and ferns for the home. Professor David Lumsden. Floriculture Building
- Forest influences, or the indirect value of a farm woodlot. Professor S. N. Spring. Forestry 210
- Insects injurious to field beans (until 10.30 a. m.). I. M. Hawley. Forestry 122
- Development of the bean-growing industry (at 10.30 a. m.). H. E. Cox. Forestry 122
- Report of experiments in beef production on pasture. Professor H. H. Wing. Animal Husbandry A
- Modern barn framing. Professor J. L. Strahan. Caldwell 143
- Relaxation work. Music. Laura Bryant. Caldwell 100
- Round table: Home grounds and flower gardens (until 12 m.). Professors David Lumsden, E. G. Davis, and R. W. Curtis. Landscape Art Lecture Room
- Demonstration: Engine timing. F. E. Quick. Farm Mechanics Laboratory
- Lecture and demonstration: Ice-cream making (until 1 p. m.). Professor W. W. Fisk and W. V. Price. Dairy E-122
- Lecture and demonstration: Testing dairy products (until 12 m.). Professors H. C. Troy and T. J. McInerney. Dairy 232
- Lecture and demonstration: Care of dairy utensils (until 12 m.). Professor W. A. Stocking. Dairy 132
- 11 a. m.** Farm manure. Professor E. L. Worthen. Roberts Assembly.
- Preventing and remedying injury to trees by mice. (Illustrated.) C. G. Vinson. Roberts 292
- Water-supply systems. Professor H. W. Riley. Caldwell 143
- Results of financial records on fruit farms for five years. Professor G. P. Scoville. Farm Management 102
- Bean tariffs. S. L. Strivings. Forestry 122
- Flowering plants for the home. Lua A. Minns. Floriculture Building
- Possibilities of the purebred-sire campaign. Professor H. A. Hopper. Animal Husbandry A

Practical points in the operation of a poultry farm. W. G. Krum. Poultry 375

Demonstration in nature study for the lower grades. Caldwell 100

12 m. Parasitism as a factor in the control of insects. Professor Robert Matheson. Roberts 292

Gas engine lubrication and lubricating oils. Professor F. G. Behrend. Caldwell 143

How to calculate the farmer's income in accordance with the income-tax laws. Professor W. I. Myers. Farm Management 102

The control of insects on house plants. Professor M. D. Leonard. Floriculture Building

Facts developed from the bean survey (until 12.30 p. m.). Professor E. G. Montgomery. Forestry 122

Field inspection of Robust beans (at 12.30 p. m.). Professor John H. Barron. Forestry 122

Demonstration and luncheon: Food value of poultry and eggs, to show preparation and serving of poultry and egg products (until 1.30 p. m.). Departments of Home Economics and Poultry Husbandry cooperating. Poultry 100

1 p. m. Motion pictures. Bailey Auditorium

Demonstration: Testing a tractor for belt horsepower. F. E. Quick. Farm Mechanics Laboratory

Poultry guessing contests (thruout the day). E. L. Banner. Corridors of the Poultry Building

2 p. m. Individual thrift and national prosperity. Frank A. Vanderlip. Bailey Auditorium

How to take a farm inventory. C. V. Noble. Farm Management 102

Demonstrations for uppergrades in (a) agriculture), (b) home economics (until 4 p. m.). Caldwell 100

Round table and demonstration: Plant receptacles, plant propagation, soil and fertilizer, potting and shifting, pruning and care of roses, culture of annual and herbaceous plants (until 4.30 p. m.). Floriculture Building

Tenth annual public sale of surplus livestock. Stock Judging Pavilion

Lecture and demonstration: Making starter and commercial buttermilk, ripening cream, and churning (until 5 p. m.). Professor E. S. Guthrie and H. C. Jackson. Dairy 2

Lecture and demonstration: Testing dairy products (until 5 p. m.). Professors H. C. Troy and T. J. McInerney. Dairy 232

Lecture and demonstration: Methods of counting bacteria in milk (until 4 p. m.). W. A. Whiting. Dairy 132

Demonstration: Valve grinding. N. D. Steve. Farm Mechanics Laboratory

3 p. m. Forum on thrift (until 4.30 p. m.). President Jacob Gould Schurman presiding. Discussion led by Frank A. Vanderlip. Bailey Auditorium

A study of apple varieties. H. A. Phillips. Roberts 292

The farm ice supply. Professor J. L. Strahan. Caldwell 143

How to keep a cash account. Professor G. P. Scoville. Farm Management 102

The poultry situation in the United States: What shall we do about it? Professor J. E. Rice. Poultry 375

Round table: Maple-sugar making and the value of cooperative associations. Professor G. H. Collingwood. Forestry 122

Demonstration: Timing and setting a magneto on a tractor. F. L. Fairbanks. Farm Mechanics Laboratory

4 p. m. Demonstration and practice. Wiring gas engine battery and ignition systems. F. E. Quick. Farm Mechanics Laboratory

Demonstration: Buying and mixing feeds (at 4.30 p. m.). Professor E. S. Savage. Amnimal Husbandry A

Poultry demonstrations:

Practice in balancing rations for special purposes to meet varying feed prices. Professor G. F. Heuser. Poultry 375

Practice in handling systems and devices for lighting poultry houses. W. G. Krum. Poultry Basement

Practice in selecting hens, pullets, and male birds for breeding. Professor O. B. Kent. Poultry 300

Practice in poultry-farm records and accounts. H. E. Botsford. Poultry Library

Practice in packing eggs and poultry for market. H. I. Macomber. Poultry 100

5 p. m. Organ recital. Professor J. T. Quarles. Bailey Auditorium



BAILEY HALL
A Farmers' Week crowd leaving the auditorium

CONVENTIONS AND CONFERENCES

ALUMNI ASSOCIATION OF THE NEW YORK STATE COLLEGE OF AGRICULTURE

President—E. H. THOMSON, Springfield, Massachusetts

Vice president—I. C. H. COOK, South Byron, New York

Vice president—G. C. WATSON, Clyde, New York

Vice president—G. D. BRILL, Jamesburg, New Jersey

Secretary-treasurer—F. E. ROGERS, Sodus, New York

Executive Committee { H. B. KNAPP, Cobleskill, New York
C. S. WILSON, Albany, New York
ANNA E. HUNN, Ithaca, New York

WEDNESDAY, FEBRUARY 11

- 4 p. m. The building program and plans. Dean A. R. Mann. Roberts Assembly
- 5 p. m. Annual business meeting. Roberts Assembly
- 6 p. m. Informal reception and supper for all former regular, special and wintercourse students, and members of the faculty. Home Economics 245

NEW YORK FEDERATION OF HORTICULTURAL SOCIETIES AND FLORAL CLUBS

WEDNESDAY, FEBRUARY 11

Floriculture Building

- 10 a. m. Some disease problems of florists' crops. Professor L. M. Massey
- 11 a. m. The College of Agriculture and the florist. Professor E. A. White
- 12 m. Winter flowers in California. Professor A. C. Beal
- 1 p. m. Luncheon to delegates of the federation, followed by business session

NEW YORK STATE BEAN GROWERS' COOPERATIVE ASSOCIATION

President—FITCH M. DAVIS, Livonia, New York

Vice president—CHARLES PORTER, Albion, New York

Secretary-treasurer—H. E. COX, Industry, New York

Annual meeting

FRIDAY, FEBRUARY 13

Forestry 122

- 9 a. m. Report of investigations at the bean laboratory, Perry, New York
- Bean improvement by breeding disease-resistant types (until 9.30 a. m.). G. P. McRostie
- The production of disease-resistant garden beans (at 9.30 a. m.). Professor R. A. Emerson

- 10 a. m. Insects injurious to field beans (until 10.30 a. m.). I. M. Hawley
Development of the bean-growing industry (at 10.30 a. m.). H. E. Cox
- 11 a. m. Bean tariffs. S. L. Strivings
- 12 m. Facts developed from the bean survey (until 12.30 p. m.). Professor
E. G. Montgomery
Field inspection of Robust beans. Professor John H. Barron

NEW YORK STATE POTATO ASSOCIATION

President—E. R. SMITH, Kasoag, New York
 Vice president—W. J. WHEELER, North Bangor, New York
 Treasurer—F. C. GIBBS, Fillmore, New York
 Secretary—E. V. HARDEBNURG, Ithaca, New York

Sixth annual meeting TUESDAY, FEBRUARY 10

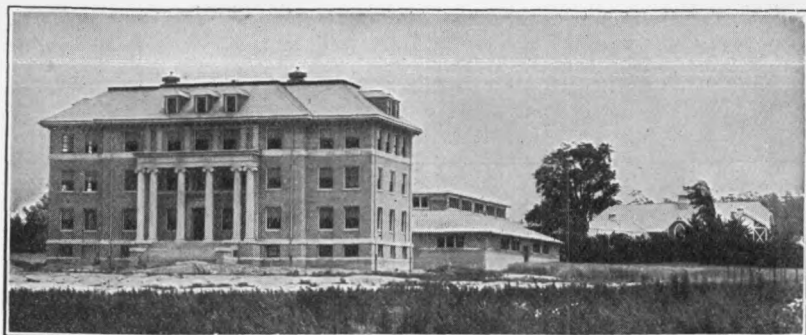
Dairy 222

- 9 a. m. The increase in yield of potatoes as a result of seed selection. Professor
F. P. Bussell
- 10 a. m. Report of potato inspection work in 1919. Professor E. V. Hardenburg
- 11 a. m. The discovery and control of the potato wart in Pennsylvania. (Illustrated.) Dr. C. R. Orton
- 12. m. Preliminary business meeting
- 3 p. m. Discussion: To what extent does potato grading pay? (Until 3.30
p. m.). F. C. Gibbs, E. E. Hults, W. A. Jones, A. G. Smith
The potato grower and his marketing problem (at 3.30 p. m.). Daniel
Dean
- 4 p. m. Ten-minute reports from secretaries of local seed-potato associations in
New York

WEDNESDAY, FEBRUARY 11

Dairy 222

- 9 a. m. Thick versus thin planting of potatoes. F. C. Stewart
- 10 a. m. Seed-potato problems in New Jersey (until 11.30 a. m.). New Jersey
Growers. L. Willard Minch
Reports of committees, and final business meeting (at 11.30 a. m.)
- 3 p. m. The administration of potato-seed inspection and certification. Pro-
fessor H. H. Whetzel
Laboratory: Potato types and varieties. Professor E. V. Harden-
burg. Poultry 350. Repeated Thursday at 3 p. m.
- 4 p. m. Further developments in the work on mosaic and leaf roll of potatoes.
Professor F. M. Blodgett



ANIMAL HUSBANDRY BUILDING

RURAL EDUCATION CONFERENCE

Caldwell 100

The Central New York Association of District Superintendents will hold a meeting in conjunction with this conference. The business session will be held in Caldwell Hall on Wednesday at 9 a. m.

TUESDAY, FEBRUARY 10

- 10 a. m. How shall the need for better rural schools in the State be met?
 Relation of the farmer to the problem. S. L. Strivings
 Relation of the district superintendents to the problem. W. E. Pierce
 Relation of the State Department of Education to the problem.
 George W. Wiley
 General discussion. Opened by Herbert G. Reed

WEDNESDAY, FEBRUARY 11

- 10 a. m. How shall the need for better rural schools in the State be met?
 From the standpoint of high-school needs. J. Murray Foster
 From the standpoint of vocational needs. A. K. Getman
 General discussion. Opened by E. R. Eastman
- 2 p. m. The rural schools of our State. Dr. John H. Finley. Bailey Auditorium
- 3 p. m. Forum.
 This session will be an open discussion of the ways and means by which the needed changes may be secured. Geo. A. Works, Chairman

FRIDAY, FEBRUARY 13

- 9 a. m. The rural-school program
- 10 a. m. Relaxation work. Music. Laura Bryant
- 11 a. m. Demonstration in nature study for the lower grades
- 2 p. m. Demonstrations for uppergrades in (a) agriculture, (b) home economics
- 4 p. m. Visit to the rural-school exhibit. Caldwell 254

CORNELL DAIRY STUDENTS' ASSOCIATION

President—C. S. THOMPSON, Vernon, New York
Vice president—C. R. OWENS, Freedom, New York
Secretary—HERMAN L. WILLIAMS, Delhi, New York
Assistant secretary—E. R. HARGRAVE, Boonville, New York
Treasurer—JOHN H. LEWIS, Jordan, New York
Secretary at the College—W. E. AYRES, Ithaca, New York

THURSDAY, FEBRUARY 12

Dairy 222

- 9 a. m. Causes for variations in the percentage of fat in milk. Professor H. C. Troy
- 10 a. m. Importance of quality in dairy products. C. W. Fryhoffer
- 11 a. m. Some economies in the production of clean milk. H. E. Cook
- 3 p. m. Outlook for the dairy farmer. Honorable Fred Rasmussen
- 4 p. m. Care of milking machines. Professor J. D. Brew and A. M. Goodman
- 7 p. m. Association banquet, followed by the annual business meeting. Dairy Building

COMMUNITY NEWSPAPER CONFERENCE

WEDNESDAY, FEBRUARY 11

Stone 192

(It is proposed that the Country Newspaper Day be at least a beginning for bringing editors to the College. Time will be given for opportunity for thorough inspection of the College and the work it does.)

- 10 a. m. Advertising for farmers. M. V. Atwood
- 11 a. m. The community and the country paper. Frank Walker
- 12 m. Printed information for the farmer. Professor Bristow Adams
- 3 p. m. The use and abuse of publicity. Professor Bristow Adams
- 4 p. m. Round-table discussion on the place and business of the country paper. Led by Fay Parsons



ONE OF THE FARM TEAMS



HOME ECONOMICS BUILDING

HOMEMAKERS' CONFERENCE

Headquarters, Home Economics Building

(It is anticipated that many persons will attend the annual homemakers-conference who are concerned in developing some special interest in their community. Four-days training schools have been arranged to discuss with these persons ways and means for developing a few community interests. The program for these training schools is printed on page 26.)

MONDAY, FEBRUARY 9

- 2 p. m. Address of welcome. Dean A. R. Mann. Roberts Assembly
- 3-5 p. m. Some modern household equipment. Staff and students in home economics. Discussion by audience. Home Economics 245
Consultation period for those desiring personal help will be held at the following hours:
- 4-6 p. m. House planning and furnishing. Professors Annette J. Warner and Helen Binkerd Young. Home Economics 405

TUESDAY, FEBRUARY 10

HEALTH DAY

- 9 a. m. The health organization of a rural community as it is and as it might be. Dr. John A. Smith. Home Economics 245
- 10 a. m. The possibilities of health clinics in rural districts. Lydia Roberts Home Economics 245
- 11 a. m. A demonstration of ways for conducting a health clinic given by physicians, nurses, and dietitians (until 1 p. m.). Home Economics 245
- 2 p. m. Recreation and Health. Florence D. Alden. Home Economics 245
- 3 p. m. Heredity and the community. Professor J. G. Needham. Home Economics 245

- 4 p. m. The home bureau and the community. Mrs. A. E. Brigden, presiding. Discussion led by Mrs. W. B. Gere and Miss McCrea. Home Economics 245

Consultation periods for those desiring personal help will be held at the following hours:

- 9 a. m. Feeding children. Professor Helen Monsch. Home Economics 100
- 10 a. m. House planning and furnishing. Professors Helen Binker Young and Annette J. Warner. Home Economics 405
- Remodeling of garments and use of a foundation pattern. Mary Anna Gaut. Home Economics 300
- 11 a. m. Civics. Professor Blanche Evans Hazard. Home Economics 430
- 12 m. Table setting and serving. Mrs. Jessie Boys. Home Economics 270
- 1 p. m. Extension activities. Members of the extension staff. Home Economics 370
- 2 p. m. Textiles, their purchase and care. Professor Beulah Blackmore. Home Economics 300

WEDNESDAY, FEBRUARY 11

CHILDREN'S DAY

- 9 a. m. Food for growth. Professor Helen Monsch. Home Economics 245
- 10 a. m. How life begins. Lecture and motion pictures. Dr. Josephine Kenyon. Bailey Auditorium
- 11 a. m. Clothing and health:
Children's clothing. Dr. Helen Bull. Home Economics 245
Children's shoes. Dr. John Mitchell. Home Economics 245
- 12 m. Sex education Dr. Josephine Kenyon. Home Economics 245
- 2 p. m. The rural schools of our State. Dr. John H. Finley Bailey Auditorium
- 3 p. m. The relation of art to home and community life. Henry Turner Bailey. Bailey Auditorium
- 4 p. m. Storytelling for children. Ruth Sawyer Durand. Home Economics 245

Consultation periods for those desiring personal help will be held at the following hours:

- 9 a. m. Renovation of millinery materials (until 11 a. m.). Eleanor Hillhouse. Home Economics 300
- 11 a. m. Food preparation. Winifred Moses and Margaret Noble. Home Economics 200
- Table setting and serving. Mrs. Jessie Boys. Home Economics 200
- Civics. Professor Blanche Evans Hazard. Home Economics 430
- 1 p. m. Material and lines in clothing. Beatrice Hunter. Home Economics 305
- 5 p. m. Feeding adults. Bonnie E. Scholes. Home Economics 200
- Feeding in disease. Professor Lula Graves. Home Economics 100

THURSDAY, FEBRUARY 12

THRIFT AND ORGANIZATION DAY

- 9 a. m. Thrift conference. Thrift, its importance in any program (until 11 a. m.). Chairman, Professor Martha Van Rensselaer. Discussion led by Professor Flora Rose, Edith S. Ranney, and Professor Helen Binkerd Young. Home Economics 245
- 11 a. m. Some enterprises as outgrowths of organization (until 1 p. m.). Home Economics 245
- Reports and discussion:
- The community sewing room. Mrs. R. D. Mitchell
 - The community canning kitchen. Mrs. W. H. Albers and Mrs. B. W. Miller
 - The community thrift shop. Mrs. Carol Dunham
 - The community rest room. Mrs. W. W. Ware
 - The collective ownership cafeteria. Mary Ellicott Arnold
- 2 p. m. Address. (Speaker to be announced). Bailey Auditorium
- 3 p. m. Forum on civics (until 5 p. m.). Americanization. President Jacob Gould Schurman, presiding. Discussion led by Mrs. George Hewitt, Honorable Clayton R. Lusk, and Mary Wood. Bailey Auditorium
- 5 p. m. Reports from Cornell study clubs. Home Economics Apartment
- Consultation periods for those desiring personal help will be held at the following hours:
- 9 a. m. Food preparation. Winifred Moses and Margaret Noble. Home Economics 200
- 10 a. m. Feeding children. Professor Helen Monsch. Home Economics 100
- 11 a. m. Hygiene of clothing. Leona Hope. Home Economics 100
- 2 p. m. Materials and lines in clothing (until 4 p. m.). Beatrice Hunter. Home Economics 300
- 5 p. m. Feeding adults. Bonnie E. Scholes. Home Economics 100
- Feeding in disease. Professor Lula Graves. Home Economics 200
- Extension activities. Members of the extension staff. Home Economics 370

FRIDAY, FEBRUARY 13

CIVICS AND ORGANIZATION DAY

- 9 a. m. Forum on marketing (until 11 a. m.). Ruby Green Smith, Chairman. Discussion led by Mrs. Edith Fullerton, and Professors J. E. Boyle and E. W. Benjamin. Home Economics 245
- 11 a. m. Conference on civics (until 1 p. m.). What women may do thru their organizations to prepare themselves for better citizenship. Professor Blanche Evans Hazard, Mrs. Edward Young, Mrs. George Hewitt, Mrs. Ella A. Boole, and Mrs. Gertrude Martin. Two-minute reports from floor. Home Economics 245
- 2 p. m. Individual thrift and national prosperity. Frank A. Vanderlip. Bailey Auditorium
- 3 p. m. Forum on thrift (until 4.30 p.m.). President Jacob Gould Schurman, presiding. Discussion led by Frank A. Vanderlip. Bailey Auditorium

Consultation periods for those desiring personal help will be held at the following hours:

- 11 a. m. The choice of a hat. Eleanor Hillhouse. Home Economics 300
12 m. House Planning and furnishing. Professors Annette J. Warner and Helen Binkerd Young. Home Economics 405
2 p. m. Design and decoration of undergarments (until 4 p. m.). Edith Ranney. Home Economics 500

TRAINING SCHOOLS FOR LOCAL LEADERS

SCHOOL FOR TRAINING LEADERS IN CIVICS

- 9 a. m. Tuesday, February 10
Wednesday, February 11 } Professor Blanche Evans Hazard in charge.
Thursday, February 12 } Home Economics 430
Friday, February 13 }

SCHOOL FOR TRAINING LEADERS OF JUNIOR PROJECTS IN HOMEMAKING

- 11 a. m. Tuesday, February 10
Wednesday, February 11 } Professor Nancy McNeal, Emma Johnson,
Thursday, February 12 } and Mathilde Bertrams in charge. Home
Friday, February 13 } Economics 100

SCHOOL FOR TRAINING LEADERS IN RURAL RECREATION

- 6.30 p. m. Monday, February 9
Tuesday, February 10 } Professor Helen Monsch, Bonnie Scholes,
Wednesday, February 11 } Beatrice Hunter, Professor Cora Binzel,
Thursday, February 12 } and Emma Johnson in charge. Home
Economics 245

SCHOOL FOR TRAINING LEADERS OF NUTRITION CLASSES

- 5 p. m. Tuesday, February 10
8 a. m. Wednesday, February 11 } Lydia Roberts, Professor Helen Monsch,
9 a. m. Thursday, February 12 } Bonnie Scholes, and Gladys Smith, in
Friday, February 13 } charge. Home Economics 100

SCHOOL FOR TRAINING LEADERS OF CLOTHING CLASSES

- 12 m. Tuesday, February 10
Wednesday, February 11 } Edith Ranney and Mary Anna Gaut in
Thursday, February 12 } charge. Home Economics 100
Friday, February 13 }

TRAINING SCHOOLS FOR GIRL SCOUT LEADERS

- 9 a. m.-12 m. Tuesday, February 10
and Wednesday, February 11 } Mrs. St. John Oye, in charge. Mem-
2-5 p. m. Thursday, February 12 } bers of Home Economics School
Friday, February 13 } assisting. Home Economics 265

INTERCHURCH CONFERENCE OF VILLAGE MINISTERS

(Held under the auspices of the Cornell University Christian Association and cooperating workers)

Executive secretary—Richard H. Edwards, Ithaca, New York

Friendship service—John D. W. Fetter, Baptist University Pastor, Ithaca, New York

Devotional service—Cyril Harris (cooperating), Episcopal University Pastor, Ithaca, New York

Overseas service—William M. Horn (cooperating), Resident Lutheran Pastor, Ithaca, New York

Extension service—James A. G. Moore, Congregational University Pastor, Ithaca, New York

Voluntary study—Hugh A. Moran, Presbyterian University Pastor, Ithaca, New York

Secretary, Young Women's Christian Association—Lois Osborn, Ithaca, New York

Hostess at Barnes Hall and employment secretary—May Peabody, Ithaca, New York

Vocational guidance—Evans A. Worthley, Methodist University Pastor, Ithaca, New York

With the special cooperation of Ithaca pastors and churches

The Interchurch World Movement, New York State Office. J. E. Walker, State Field Representative, Syracuse, New York

All correspondence in connection with attendance and entertainment at the Interchurch Conference should be addressed to James A. G. Moore, Barnes Hall, Ithaca, New York. In view of the large attendance anticipated at Farmers' Week, all ministers planning to come to this conference should write for reservations at the earliest possible date. Correspondence with reference to the program should be sent to Hugh A. Moran, Barnes Hall

All sessions will be held in Barnes Hall unless otherwise specified

MONDAY, FEBRUARY 9

- 1.00–1.45 p. m. Acquaintance meeting. Addresses of welcome, university and city pastors
- 2 p. m. Farmers' Week address of welcome. Dean A. R. Mann. Roberts Assembly
- 3.15–5.15 p. m. Open forum: What are the most significant problems of village life in New York State—economic, recreational, civics, moral, and religious?
- 7.30–8 p. m. Summary and interpretation of village facts as disclosed in afternoon forum
- 8–9 p. m. Address: The challenge of these facts to the village church and ministry

TUESDAY, FEBRUARY 10

- 9 a. m. Open forum: The village minister's responsibility for religious education—
 - (a) For adults—Bible classes, open forums, stereopticon lectures, Sunday night discussions (until 10.15 a. m.)
 - (b) For children and young persons—The graded system of instruction, daily vacation Bible schools, young people's societies (10.25–11.40 a. m.)
- 11.40 a. m.–12 m. Summary and interpretation of morning discussions

- 1-2 p. m. Educational motion pictures. Bailey Auditorium
- 2 p. m. Address: The farmer's opportunity in the national readjustment. E. S. Bayard. Editor, National Stockman and Farmer, Pittsburg, Pennsylvania. Bailey Auditorium
- 3.15-4 p. m. Address: The village minister's responsibility to the farmer—his home, his personal and family life, his social gatherings. Fresh approaches in pastoral service
- 4-5.30 p. m. New developments in community recreation:
Outdoors—Mass plays and games; community field days; a demonstration play period, with discussion
Consideration of a summer camp for village boys conducted by Cornell men
- 6.30 p. m. Conference dinner and reception to visiting ministers and their wives, given by Ithaca and University pastors and their wives
Address: The present-day challenge to the Christian church

WEDNESDAY, FEBRUARY 11

- 9-10.45 a. m. The purpose and program of the Interchurch World Movement: Its special message to village ministers; what are the most hopeful signs of increased efficiency in the distribution and service of religious forces? Presentation and discussion under the direction of J. E. Walker, New York State Field Representative, Interchurch World Movement
- 11 a. m.-12 m. The village minister's opportunity for increased cooperation with farm bureau agents, school superintendents, home economics experts, University Christian Association, and other agencies. Brief addresses on behalf of each of the groups indicated
- 1-2 p. m. Educational motion pictures. Bailey Auditorium
- 2-3 p. m. Address: The rural schools of our State. John Finley, Commissioner of Education, Albany, New York
- 3.15-5 p. m. New developments in community recreation: indoor games for social evenings; a demonstration play period, with discussion
- 7.30-9 p. m. The Conference is invited to attend the evangelistic services being held by the McCombe-Clace Party at the First Methodist Church of Ithaca, Reverend John R. Richards, Pastor

THURSDAY, FEBRUARY 12

- 9 a. m.-12 m. Special retreat session: The personal life of the village minister—his economic problems, his intellectual outlook, his social vision, his spiritual resources, and his religious emphasis
- 1-2 p. m. Educational motion pictures. Bailey Auditorium
- 2-3 p. m. Address: (Speaker to be announced). Bailey Auditorium
- 3 p. m. Forum on civics (until 5 p. m.). President Jacob Gould Schurman, presiding. Discussion led by Mrs. George Hewitt, Honorable Clayton R. Lusk, and Mary Wood.

EXHIBITS

Animal husbandry.—Exhibit of feeds and rations. Animal Husbandry C.

Harness and bits. Animal Husbandry D.

Cornell Reading Course for the Farm.—Available reading course lessons; photographs, charts, maps, and circulars of information relating to reading course work; enrollment cards. The supervisor of the course or an assistant is present to explain the work from nine to five o'clock each day. Roberts 21.

Dairy industry.—Bacteriology. Bacteria growing in plates showing sources of milk contamination and the results of different dairy practices; materials and apparatus necessary for determining numbers of bacteria in milk by the direct microscopic method and by the plate method. Dairy 132.

Butter. Packages of butter illustrating good and poor methods of preparing butter for marketing; models showing amount of butter that can be made from milk containing different percentages of fat; necessary utensils for making good butter; charts showing yield of butter from different methods of manufacture; illustrations and samples showing mottled butter. Dairy 2.

Cheese. Exhibits of different varieties of fancy cheeses, including cottage, cream, neufchatel, club, and pimento; different styles of American cheddar cheese; samples of cheese showing the variation in amount made from milk containing different percentages of fat. Dairy E-132.

Market milk. Milk bottled in different styles of containers; sanitary milk pails, milking stools; appliances for attaching sanitary caps to bottles; different styles of apparatus for cooling milk on the farm; filters showing the sediment obtained from milk of good, medium, and poor sanitary quality. Market Milk Laboratory.

Tests. Apparatus and materials necessary for testing dairy products for fat; tests for moisture in butter and cheese; test for acidity of milk and some of its products. Dairy 232.

Entomology.—Specimens of insects injurious to farming, orchards, and gardens, and concise directions for their control; an exhibit of mounted birds, bird photographs, feeding devices, and bird houses, illustrating the value of birds and the methods of attracting them. Roberts 302.

Extension.—Special parties are shown thru the mailing rooms and other offices of the Department of Extension at 11 a. m. and 4 p. m. daily.

Farm crops.—Commercial seeds. Samples of seeds actually sold on the New York market; grades; mixtures; germination tests; illustrations of frauds and misrepresentations. Poultry 325.

Corn. Charts of results of silage-variety testing; a map of the State showing silage-variety adaptation and centers of seed production; one-bushel samples of standard silage and grain varieties. Poultry 325.

Legumes. Exhibits of seeds, plants, and charts showing cultural methods, varieties, and sectional adaptation of clover, alfalfa, and soy beans; samples of standard varieties. Poultry 325.

Potato show. One-peck samples of the standard varieties of Rural, Green Mountain, Cobbler, Rose, and American Giant types, arranged according to groups so as to show similarity between varieties within a given group. Poultry 174.

Small grains. Charts and exhibits showing yields and types of standard recommended varieties of grains for New York; two-bushel samples of standard silage and grain varieties. Poultry 325.

Farm management.—A member of the Department of Agricultural Economics and Farm Management is in Room 101, Farm Management Building, at all times during Farmers' Week for consultation on problems of farm management and agricultural economics.

Floriculture.—A member of the staff and assistants are in the greenhouses thruout each day to show interesting plants and to answer general questions on plant culture. Special flower exhibit staged by winter course students, Monday, February 9; flower exhibit staged by regular floriculture students, Tuesday, February 10. Floriculture Building.

Forestry.—Examples of transplant stock suitable for forest planting; photographs of planting operations; cross sections and longitudinal sections of typical tree trunks, accompanied by charts to show the rate of tree growth; instruments and tools used in forestry operations; specimens of white pine showing the effect of blister rust; apparatus for the making of maple sirup and sugar; material dealing with the preservative treatment of timber. Forestry 118.

Home economics.—The following exhibits are in the Home Economics Building: household conveniences, room 400; suggestive drawings, illustrating house plans, interiors, and kitchen arrangements, room 415; work done by the students in clothing and textiles, rooms 300-305; extension activities in home economics, room 370; dietaries, room 270; preservation of foods, room 200; books and bulletins, room 110.

Horseshoeing.—An exhibit of scientific horseshoeing and other material of interest to horsemen. Veterinary College Farriery.

Journalism.—A newspaper exhibit and contest will be held thruout the day, Wednesday, February 11. Stone 192

Landscape art.—The following exhibits are shown in the Landscape Art greenhouses: nursery stock illustrating propagation methods and showing all stages of development; plant materials for the home grounds and the school grounds, showing actual planting combinations, and examples of contrasting good and bad material; a model of an actual rural school, with plans and pictures of good and poor conditions of school grounds; a model of a dairy farmstead, showing the arrangement of the farm buildings and the layout of the grounds; drawings in perspective showing a farmstead poorly arranged and unattractive, the same farmstead improved by a few alterations in buildings and arrangement, the farmstead with the addition of some attractive buildings, and a farmstead planned for full efficiency and attractiveness.

Plant breeding.—Exhibits of corn showing improved varieties adapted to New York State; exhibits of oats, wheat, barley, and rye; timothy types and charts of yields; potato varieties and types; exhibits arranged to show increase or decrease in yield due to selection. Forestry 206.

Pomology.—Fruit from the orchard of the Department of Pomology and from various state colleges where the apple industry has become important: an opportunity is given to study the effect of geographic location on commercial quality of the leading varieties. Roberts 202.

Poultry.—Members of the staff of the poultry department are in their offices for personal interview at twelve o'clock daily; they are also available from nine to five o'clock each day at the following exhibits to discuss questions with visitors.

Artificial illumination. Devices and equipment for artificial lighting of poultry buildings; results of various methods of illumination on egg production and profits. shown graphically in colored charts. Poultry Basement.

Food value of poultry and eggs. Educational exhibits to demonstrate the food value and importance of poultry and egg products in the food supply of the world. Luncheon served from twelve to half past one o'clock daily. Poultry 100.

Feeding. Samples of available feeds and balanced rations; feeding appliances; cost-accounting charts; photographs; collection of anatomical specimens. Poultry Building.

Poultry farm management. Plans of poultry farms showing desirable rearrangements; forms of poultry records and accounts, combined with poultry farming; display showing profit or loss under war conditions. Poultry 280.

Poultry marketing. Methods and appliances for killing and picking, chilling, grading, packing, drawing, and carving poultry; methods and appliances for gathering, holding, candling, grading, and packing eggs; preservation by refrigeration and other methods. Poultry 100.

Stock selection. Colored photographs and specimens illustrating the factors to be used for selection; results of selection for breeding and laying; effect of selection for constitutional vigor; registration for stock certificates. Poultry 300.

Rural engineering.—Electric lighting and power outfits for the farm home; water-supply outfits for the farm home, both electrically and gasoline driven; milking machines, worn tractor and gas engine parts showing results of defective lubrication and lack of proper adjustments; gas engine carburetors and mixers; magneto dissembled, showing parts and their names and functions; electric ignition systems; farm workshop, showing equipment and arrangement of tools, models of a barn-roof truss showing the effect of loading; a large model of a dairy barn showing a ventilation system in actual operation. Farm Mechanics Laboratory.

Rural school.—An exhibit of work which has been done in the rural schools of the State is open to visitors from nine to five o'clock each day. Caldwell 252.

Soils.—An exhibit dealing with the soils of New York State, including maps, charts, soil samples, fertilizing materials, and the various forms of agricultural lime. Caldwell 150.

Vegetable gardening.—New greenhouse vegetable crops; demonstration of greenhouse soil steam sterilization. Greenhouse.



THE BARNs ON THE UNIVERSITY FARM

UNIVERSITY CAMPUS

The University Library.—The university library contains about four hundred thousand bound volumes, placed in the University Library Building located at the southwest corner of the quadrangle. The hall and the large reading room contain rare manuscripts, pictures, and many other things of great interest.

The Zoological Museum.—The zoological museum contains mounted specimens of many different kinds of animals from all parts of the world. It is located on the second and third floors of McGraw Hall.

The Museum of Casts.—The museum of casts contains a large collection of casts illustrating the history of Greek and Roman sculptural art. It is located in the basement of Goldwin Smith Hall.

Sage College Conservatories.—The university conservatories are situated on East Avenue in the rear of Sage College. These conservatories contain many rare and beautiful plants and are open daily for visitors.

Sage Chapel.—Sage Chapel is located south and east of the Library. The chapel is handsomely decorated and is one of the most beautiful chapels in America.

Barnes Hall.—Barnes Hall is one of the centers of the religious work of the University and is the home of the Cornell University Christian Association. It contains a large Biblical library and reading room. There are also rest rooms.

STUDENT EMPLOYMENT

The winter courses close with Farmers' Week. In these courses are many students who desire farm work. About the same time, a few students in the regular course complete their work in the College. Among these are many who always lived and worked on farms when not in school. Some of them are from twenty-four to thirty years of age and have had sufficient experience to fit them to bear the responsibility of running farms as superintendents or managers; and these, of course, should expect pay considerably above ordinary rates for farm hands. Others have had less, but nevertheless good, experience and can fill places as foremen and experienced farm hands. Still others have had little experience on farms and should expect little pay at first. It is suggested that the inexperienced men be engaged at very little pay at first, but with the understanding that their pay be increased as they demonstrate their efficiency.

It is planned to have students meet farmers daily (except Wednesday) at one o'clock at the Office of Farm Practice and Farm Superintendence, in Stone Hall, to arrange for employment. Further information may be obtained at any time from the Office. It is requested that farmers who desire to hire student help while in Ithaca, correspond with the Office in advance, and call at the Office as soon as possible after arriving at Ithaca.



Stone

CENTRAL GROUP OF BUILDINGS

Roberts

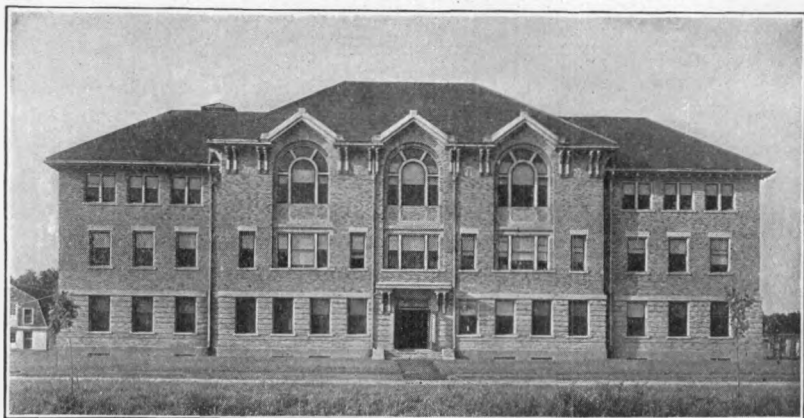
Dairy

COOPERATING LECTURERS

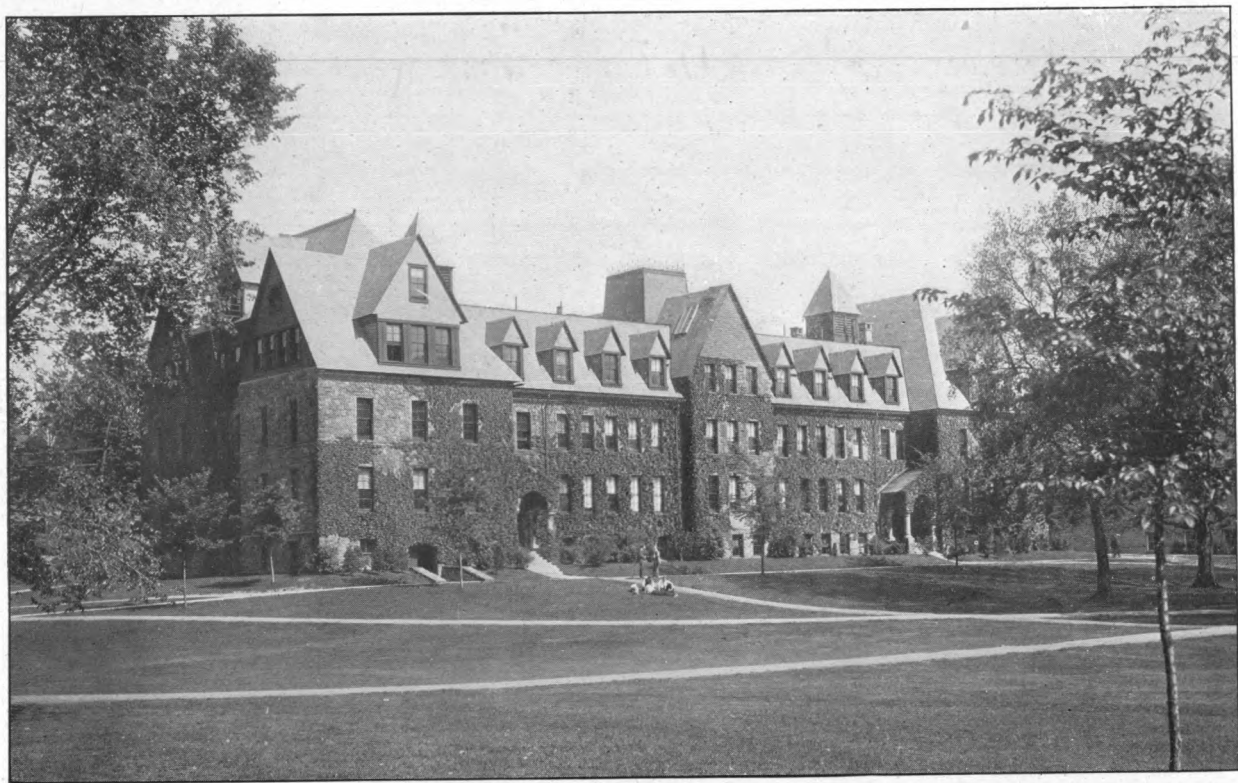
- ABBOTT, CLINTON G.—Ornithologist, State Conservation Commission, Albany, New York
- ALBERS, MRS. W. H.—In charge of community canning kitchen, Ithaca, New York
- ALDEN, FLORENCE D.—Director of Physical Education, Central Young Women's Christian Association, New York City
- ANDERSON, E. H.—Agriculturist, New York Central Railroad, Rochester, New York
- ARNOLD, MARY ELLICOTT.—Manager, Collective Ownership Cafeteria, New York City
- BAILEY, HENRY TURNER.—Director, Cleveland Art School, Cleveland, Ohio
- BAUDER, F. W.—President, Montgomery County Cooperative Hay Association, Fort Plain, New York
- BAYARD, E. S.—Editor, National Stockman and Farmer, Pittsburg, Pennsylvania
- BELL, DR. WILLIAM B.—Assistant, Bureau of Biological Survey, United States Department of Agriculture, Washington, D. C.
- BOOLE, MRS. ELLA A.—President, State Women's Christian Temperance Union, Brooklyn, New York
- BRIGDEN, MRS. A. E.—President, State Federation of Home Bureaus, Marathon, New York
- BRYANT, LAURA.—Supervisor of Music, Public Schools, Ithaca, New York
- BULL, DR. HELEN.—Practicing physician, Ithaca, New York
- CHANDLER, C. J.—Detroit, Michigan
- COOK, H. E.—Certified-milk producer, Denmark, New York
- COX, J. F.—Professor of Farm Crops, Michigan Agricultural College, Lansing, Michigan
- DEAN, DANIEL.—Potato grower, Nichol, New York
- DUNHAM, MRS. CAROL.—Member, Executive Committee, Home Bureau Association, Westchester County, New York
- DURAND, RUTH SAWYER.—Story writer, Ithaca, New York
- EASTMAN, E. R.—Editor, Dairywomen's League News, New York City
- FELT, DR. E. P.—State Entomologist, Albany, New York
- FINLEY, DR. JOHN H.—Commissioner of Education, Albany, New York
- FOSTER, J. MURRAY.—Superintendent of Schools, Corning, New York
- FRYHOFFER, C. W.—Butter inspector, Bureau of Markets, United States Department of Agriculture, Washington, D. C.
- FULLER, BRADLEY.—Counsel, Dairywomen's League, New York City
- FULLERTON, MRS. EDITH.—Homemaker, Medford, Long Island, New York
- GETMAN, A. K.—State Department of Education, Albany, New York
- GIBBS, F. C.—Potato grower, Fillmore, New York
- HALL, RICHARD.—Manager, Grange Exchange, Syracuse, New York
- HEDRICK, U. P.—Pomologist, New York State Agricultural Experiment Station, Geneva, New York

- HEWITT, MRS. GEORGE.—President, New York State Federation of Women's Clubs, Carthage, New York
- HULTS, E. E.—Potato grower, Marathon, New York
- JONES, W. A.—Potato grower, Truxton, New York
- KENYON, DR. JOSEPHINE.—Supervisor of Lecturers, National Young Women's Christian Association, New York City
- LIVINGSTON, GEORGE.—Acting Chief, Bureau of Markets, United States Department of Agriculture, Washington, D. C.
- McLAUREY, D. W.—Chief, Bureau of Animal Industry, Department of Farms and Markets, Albany, New York
- MARTIN, MRS. GERTRUDE.—Secretary, American Collegiate Association, Ithaca, New York
- MASON, CLYDE F.—Celery grower, Williamson, New York
- MILLER, MRS. B. W.—President, Executive Committee of Home Bureau, Tioga County, Owego, New York
- MILLS, E. M.—President, Syracuse Rose Society, Syracuse, New York
- MINCH, L. WILLARD.—Farmer and commission merchant, Bridgeton, New Jersey
- MITCHELL, DR. JOHN.—Practicing physician, Ithaca, New York
- MITCHELL, MRS. R. D.—Home Bureau representative, Nassau County, New York
- MUNN, M. T.—Seed analyst, New York State Agricultural Experiment Station, Geneva, New York
- ORR, D. LINCOLN.—Poultryman, Orrs Mills, New York
- ORTON, DR. C. R.—Plant Pathologist, State College of Agriculture, State College, Pennsylvania
- OYE, MRS. ST. JOHN.—Leader of Girl Scouts, White Plains, New York
- PARKER, G. A.—Superintendent of Parks, Hartford, Connecticut.
- PARROTT, P. J.—Entomologist, New York State Agricultural Experiment Station, New York
- PARSONS, FAY.—Publisher, Cortland Democrat, Cortland, New York
- PERRY, ANNA.—President, County Federation of Cornell Study Clubs, Erieville, New York
- PIERCE, W. E.—District Superintendent of Schools, East Aurora, New York
- RASMUSSEN, FRED.—Commissioner of Agriculture, Harrisburg, Pennsylvania
- REED, HERBERT G.—Farmer, Bergen, New York
- ROBERTS, LYDIA.—Director of Nutrition Clinic, Children's Bureau, Washington, D. C.
- SALISBURY, F. A.—President, Ontario County Farm Bureau Association, Phelps, New York
- SMITH, A. G.—Potato grower, Williamstown, New York
- SMITH, DR. JOHN A.—Secretary, State Department of Health, Albany, New York
- STAHLER, GEORGE E.—Owner Park Hill Farm, Newfane, Niagara County, New York
- STEWART, F. C.—Botanist, New York State Agricultural Experiment Station, Geneva, New York

- STRAHAN, J. L.—Professor of Rural Engineering, Massachusetts Agricultural College, Amherst, Massachusetts
- STRIVINGS, S. L.—President, State Federation of Farm Bureaus, Castile, New York
- TAYLOR, O. M.—Pomologist, New York State Agricultural Experiment Station, Geneva, New York
- THOMSON, E. H.—President, Federal Land Bank, Springfield, Massachusetts
- TOMHAVE, W. H.—Professor of Animal Husbandry, State College of Agriculture, State College, Pennsylvania
- URNER, F. G.—Vice president, Urner-Barry Company, Publishers, New York City
- VANDERLIP, FRANK A.—Former president, National City Bank, New York City
- WAGNER, H. CORINNE.—Owner, Woodcock Hills Poultry Farm, Washingtonville, New York
- WALKER, FRANK—Editor and Publisher, Erie County Independent, Hamburg, New York
- WARE, MRS. W. W.—Homemaker, Batavia, New York
- WESTCOTT, N. B.—General Counsel, Eastern Shore of Virginia Produce Exchange, Onley, Virginia
- WILEY, GEORGE W.—Director of Examinations, State Department of Education, Albany, New York
- WOOD, MARY.—Chairman, Legislation Committee, New York State Federation of Women's Clubs, New York City
- YOUNG, MRS. EDWARD.—Member, Home Bureau Association, Ulster County, New York



POULTRY HUSBANDRY BUILDING



LINCOLN HALL



VIEW OF QUADRANGLE
SHOWING LINCOLN HALL IN RIGHT CENTER

CORNELL UNIVERSITY OFFICIAL PUBLICATION

Issued at Ithaca, New York, monthly from July to November inclusive, and semi-monthly from December to June inclusive.

[Entered as second-class matter, December 14, 1916, at the post-office at Ithaca, New York, under the act of August 24, 1912.]

The Register (for the year 1918-1919, published January 1, 1919), price 50 cents.*

Directory of Faculty and Students, First Term, 1919-1920, price 10 cents.*

A Guide to the Campus, price 50 cents.

Any of the following informational pamphlets will be sent gratis and post-free on request. The date of the last edition of each is given after the title.

General Circular of Information for Prospective Students, December 15, 1919.

Announcement of the College of Arts and Sciences, May 15, 1919.

Announcement of Sibley College of Mechanical Engineering, and the Mechanic Arts, February 15, 1919.

Announcement of the College of Civil Engineering, June 1, 1919.

Announcement of the College of Law, February 1, 1919.

Announcement of the College of Architecture, July 1, 1919.

Announcement of the New York State College of Agriculture, June 15, 1919.

Announcement of the Winter Courses in the College of Agriculture, August 1, 1919.

Announcement of the Summer Term in Agriculture, March 15, 1918.

Program of the Thirteenth Annual Farmers' Week (February 9-13, 1920), January 15, 1920.

Announcement of the New York State Veterinary College, May 1, 1919.

Announcement of the Graduate School, January 1, 1920.

Announcement of the Summer Session, April 1, 1919.

Summary of the Work of the Associate Alumni of Cornell, April 15, 1919.

Annual Report of the President, October 1, 1919.

Pamphlets on prizes, samples of entrance and scholarship examination papers, special departmental announcements, etc.

Announcement of the Medical College may be procured by writing to the Cornell University Medical College, Ithaca, New York.

**Please make all orders payable to Cornell University.*

Correspondence concerning the Cornell University Official Publication should be addressed to

The Secretary of Cornell University,
Ithaca, New York.

