

# CORNELL UNIVERSITY OFFICIAL PUBLICATION

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## PROGRAM

Twenty-eighth Annual

# FARM AND HOME WEEK

February 11-16, 1935

New York State Colleges of  
Agriculture and Home Economics

Ithaca, New York  
Published by the University  
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## INFORMATION

**Railroad rates.** The following reduced rates have been authorized by the Trunk Line Association:

**Fares.** One and one-half first-class fare, with minimum of 25 cents, for the round-trip, sufficient to be added to make fares end in 0 or 5.

**From** States of New York and New Jersey and bordering counties in Pennsylvania.

**To** Ithaca, New York, also to East Ithaca, New York, where the train-service conditions would better serve the travel than if ticketed to Ithaca, New York.

**Dates of sale.** February 9 to 16, 1935.

**Return limit.** February 18, 1935.

**Routes.** Tickets to be good going and returning same route only.

**Baggage.** Usual baggage regulations to apply.

**Tickets.** Non-transferable, non-validation form of tickets to be used.

**Stop-overs.** No stop-overs to be allowed.

**Equipment.** Tickets to be good in coaches and also in Pullman cars upon payment of regular Pullman charges.

**Information bureau.** Visitors may apply to the information bureau on the first floor of Roberts Hall for mail and information. Lost and found articles should be reported here.

**Registration.** Visitors are requested to register in Roberts Hall and to procure a program. Former students should indicate that fact on the registration card and should give their occupation.

Mr. A. W. Gibson, of the Secretary's Office, is collecting information on former students of the College, and will be glad to assist them in getting information about their classmates and acquaintances.

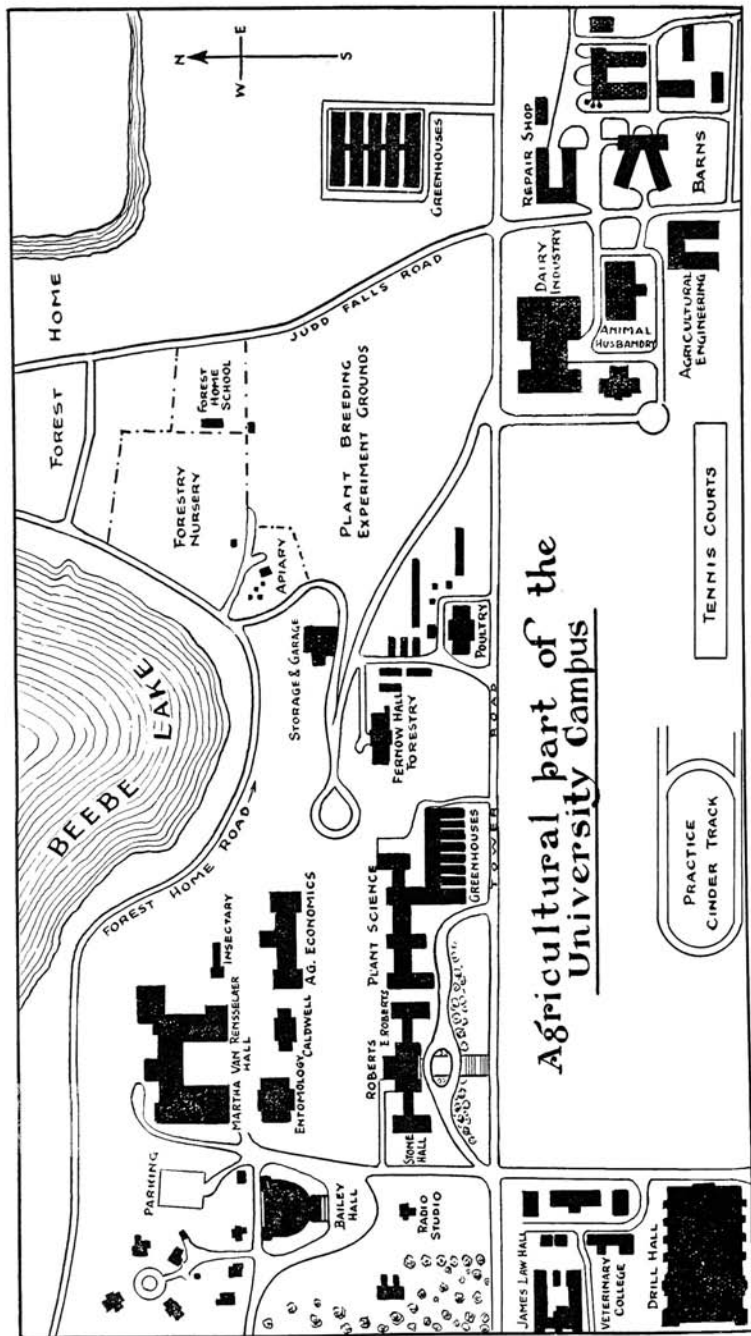
**Room and board.** A directory of available rooming and boarding places may be found in Roberts Hall, first floor. Plans have been made to insure comfortable accommodations for all visitors.

**Checking room.** On the first floor of Stone 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 Colleges of Agriculture and Home Economics 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, Poultry 375 is a lecture room on the third floor of the Poultry Building.

**Meals.** The cafeteria in Martha Van Rensselaer Hall is open from 7.15 to 9.15 a.m. daily; from 11.30 a.m. to 1.30 p.m., Monday and Saturday; from 11.15 a.m. to 2 p.m. Tuesday through Friday; and from 5.30 to 7 p.m. daily except Saturday. A 25-cent luncheon will be available at noon and a 40-cent dinner at night, and also lunches or full meals may be procured at regular cafeteria prices. In addition there is a lunch room open from Tuesday through Friday on the second floor, west wing, of Martha Van Rensselaer Hall, rooms 277 and 278; on the ground floor of Plant Science Building from Monday through Friday; and on the first floor of Animal Husbandry Building. The tea room in Willard Straight Hall is open from 7.30 a.m. to 8 p.m. with table d'hote, lunch from 11.55 a.m. to 1.45 p.m., and dinner from 5.45 to 8 p.m. The cafeteria in Willard Straight is open from 7.15 to 10 a.m., from 11.55 a.m. to 1.30 p.m., and from 5.45 to 7 p.m.

**Conventions and conferences.** Conventions and conferences meeting during Farm and Home Week are open to all persons.



# Agricultural part of the University Campus

# LECTURES AND DEMONSTRATIONS\*

## AGRICULTURE

MONDAY, FEBRUARY 11

*For home-economics subjects, see page 21*

(All lectures and demonstrations begin 10 minutes after the hour)

- 9 a. m. Consumption of milk and cream in New York and other cities. H. R. Varney. Agricultural Economics Auditorium  
Farm drainage: (Illustrated.) A. M. Goodman. Dairy 119
- 10 a. m. Lime and its use for crops on New York soils. Repeated Friday at 11 a. m. A. F. Gustafson. Caldwell 100  
County government in New York State. Repeated Saturday at 11 a. m. M. P. Catherwood. Agricultural Economics Auditorium  
Total digestible nutrients in dairy rations. E. S. Savage. Animal Husbandry A  
The new back-to-the-land movement. K. Hood. Agricultural Economics 125  
Varieties of silage corn and the use of emergency forage crops. Repeated Wednesday at 11 a. m. W. D. Swope. Plant Science 141
- 11 a. m. Ways of doing the world's work: Individual, corporate, and government forms of organization. G. F. Warren. Agricultural Economics Auditorium  
Silage-growing and silage crops for New York State. Repeated Friday at 12 m. E. VanAlstine. Caldwell 100  
The relation of feeding to the production of hatchable eggs. A. T. Ringrose. Poultry 375.  
The importance of rapid growth in dairy heifers. E. S. Harrison. Animal Husbandry A  
The farm-home vegetable garden. Repeated Friday at 4 p. m. A. J. Pratt. East Roberts 222
- 12 m. Emergency and supplementary pasture and hay crops. Repeated Friday at 9 a. m. J. H. Barron. Caldwell 100  
Profitable enterprises on New York farms. F. A. Harper. Agricultural Economics Auditorium
- 1 p. m. Motion pictures. Plant Science 233  
Community singing. In charge of A. D. Zanzig, National Recreation Association, New York City. Bailey Auditorium  
Spray-service-trouble hour. Discussion of insect- and disease-control problems with individual growers. W. D. Mills and W. E. Blauvelt. Plant Science 141
- 2 p. m. Welcome to the Twenty-eighth Annual Farm and Home Week. Carl E. Ladd, Dean of the New York State Colleges of Agriculture and Home Economics, and Flora Rose, Director of the College of Home Economics  
The rural church at home and abroad. Dr. John R. Mott, Chairman

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\* Unless otherwise indicated, all speakers and demonstrators are members of the staff at Cornell University.

International Missionary Council, New York City. Auditorium, Martha Van Rensselaer Hall

The practical application of the newer principles of breeding dairy cattle. S. J. Brownell. Animal Husbandry A

Demonstration: Killing beef. R. B. Hinman and C. D. Schutt. Animal Husbandry Meat Laboratory

Students' livestock-judging-contest. Competition in judging dairy cattle, beef cattle, horses, sheep, and swine. Open to students enrolled in the College of Agriculture. Judging Pavilion

3 p. m. The composition and cost of fertilizers in 1934. A. W. Clark, New York State Agricultural Experiment Station, Geneva, New York. Caldwell 100

Inheritance of desirable characteristics in livestock. S. A. Asdell. Animal Husbandry A

Experimental results of seeding and cultivation of field beans. E. V. Hardenburg. East Roberts 222

Small fruit and grape culture. M. B. Hoffman. Plant Science 143

Should New York farmers grow the newer varieties of potatoes? Repeated Friday at 3 p. m. J. R. Livermore. Plant Science 141

Traffic counts on farm-to-market roads. W. M. Curtiss. Agricultural Economics Auditorium

Where to get credit. G. W. Hedlund. Agricultural Economics 125

Quality chicks: Their part in the poultry program. E. Y. Smith. Poultry 375

How to fit hand and pruning saws. L. M. Roehl. Agricultural Engineering Laboratory

4 p. m. The red man's contribution to American agriculture. E. A. Bates Roberts Assembly

Some observations on farming in Germany. M. C. Bond. Agricultural Economics Auditorium

The fertilizer bulletin of the New York State College of Agriculture and how to use it in deciding on fertilizer practices. J. H. Barron. Caldwell 100

Demonstration and practice in the caponizing operation. F. E. Andrews. Poultry Breeds House

Demonstration: Selecting hens, pullets, and male birds for standard characteristics. G. O. Hall. Poultry 300

Annual business meeting of the New York State Bull Association, Incorporated. Animal Husbandry C

Display: Quality in meat. Animal Husbandry Meat Cutting Room

5 p. m. Recreation hour. Grace Henderson and E. H. Regnier in charge. Comstock 245

#### Evening

8 p. m. Rice debate stage. A debate on the subject, "Resolved, That the crop- and livestock-reduction program of the Agricultural Adjustment Administration is beneficial to American agriculture." Prizes of \$100 and \$25 are given by Professor Emeritus James E. Rice. Agricultural Economics Auditorium

## TUESDAY, FEBRUARY 12

*For home-economics subjects, see page 21*

(All lectures and demonstrations begin 10 minutes after the hour)

- 8 a. m. Fruit growing as practiced in the State of Arkansas. G. W. Ware, Experimental Sub-Station, Hope, Arkansas. Plant Science 143
- 9 a. m. Milk-marketing agreements. R. B. Corbett, United States Department of Agriculture, Washington, D. C. Agricultural Economics Auditorium
- How the value of poultry rations is affected by minerals. H. E. Botsford; Poultry 375
- New varieties of oats, barley, wheat, and soybeans. Repeated Thursday at 9 a. m. F. P. Bussell. Plant Science 141
- The cost of producing tomatoes. K. Hood. East Roberts 222
- Pruning fruit trees. A. J. Heinicke. Plant Science 143
- How to judge the productive capacity of New York soils. F. B. Howe; Caldwell 100
- The care of ornamental foliage plants in the home. C. G. Keyes. Plant Science 37
- Marketing potatoes by motor truck in western New York. P. J. Findlen; Agricultural Economics 125
- Planning a recreation program for your community. Repeated Friday at 9 a. m. E. H. Regnier. Agricultural Economics 225
- Symposium on hay-making and hay crops. Animal Husbandry A
- Hay-making and hay crops for New York State. H. B. Hartwig
- Factors affecting the nutritive value of hay. F. B. Morrison
- 10 a. m. Classification and use of New York soils. C. F. Marbut, in charge of Soil Survey Work, United States Department of Agriculture, Washington, D. C. Roberts Assembly
- Federal assistance in the marketing of fluid milk. A. H. Lauterbach, Agricultural Adjustment Administration, Washington, D. C. Agricultural Economics Auditorium
- The farmers' four-roads-to-market (dirt, water, steel, stone). Daniel Dean, Nichols, New York. Agricultural Economics 125
- Plant breeding as related to the betterment of agriculture. H. H. Love. Plant Science 141
- Social needs of rural young people. Mary Eva Duthie. Agricultural Economics 225
- How feeding affects the market value of eggs. H. S. Wilgus. Poultry 375
- Symposium on hay-making and hay crops. Animal Husbandry A
- Importance of good-quality hay in stock feeding. E. S. Savage
- Discussion of hay crops and hay-making. F. W. Barrett and D. M. Dalrymple
- Reshaping and tempering pickaxes and cold chisels. L. M. Roehl. Agricultural Engineering Laboratory
- The European foul-brood in relation to the poor wintering of bees. G. H. Rea; Comstock 145
- Hot and cold running water at low cost. (Illustrated.) A. M. Goodman; Martha Van Rensselaer Hall 117

Good lighting for the living room. Repeated Thursday at 11<sup>a</sup>. m. [ F. B. Wright. Dairy 119

Results of county fruit-thinning demonstrations. E. R. Wagner. Plant Science 143

Growing cannery tomatoes. C. B. Raymond. East Roberts 222

How to plant and maintain conifer evergreens. C. J. Hunn. Plant Science 37

11 a. m. Gold and prices. F. A. Pearson. Agricultural Economics Auditorium

Soil maps and how to use them. A. F. Gustafson. Caldwell 100

The common storage of apples. D. B. Carrick. Plant Science 143

Canning-crops marketing agreements and contracts. P. S. Williamson and C. B. Raymond. East Roberts 222

The design of small flower gardens. J. P. Porter. Plant Science 37

Some results of land classification in Steuben and Schuyler Counties. R. S. Beck. Agricultural Economics 125

Using farm labor effectively throughout the season on livestock farms. E. S. Harrison and M. C. Bond. Animal Husbandry A

Beekeeping practices with the two-story hive. E. F. Phillips. Comstock 145

Interior egg quality and what the producer can do about it. A. Van Wagenen. Poultry 375

Growing hard-wood seedlings on the farm. J. N. Spaeth. Fernow 122

Business meeting of the New York Seed Improvement Cooperative Association. (Will be adjourned until 12 m.) Caldwell 143

12 m. The milk situation. Fred Sexauer, President of the Dairymen's League Cooperative Association, New York City. Agricultural Economics Auditorium

Cost of marketing fruits and vegetables, and prices received on the farmers' markets at New York City. Ford Quitslund. Agricultural Economics 125

The soils of the fruit sections of New York, and their suitability for planting to apples and other tree fruits. (Illustrated.) A. T. Sweet. United States Department of Agriculture, Washington, D. C. Caldwell 100

Mutual problems of the nurserymen and the fruit growers. H. B. Tukey, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143

Ornamental vines for the home grounds. H. T. Skinner. Plant Science 37

The control of worms on cabbage and related crops. G. E. R. Hervey, New York State Agricultural Experiment Station, Geneva, New York. East Roberts 222

Rural group discussion of public problems. R. A. Polson. Martha Van Rensselaer. Amphitheatre

1 p. m. Motion pictures. Plant Science 233

Community singing. A. D. Zanzig in charge. Bailey Auditorium

Spray-service-trouble hour. Discussion of insect- and disease-control problems with individual growers. W. D. Mills and W. E. Blauvelt. Plant Science 141

2 p. m. Address. The newer knowledge of nutrition, with special reference to milk. Dr. E. V. McCollum, Johns Hopkins University, Baltimore, Maryland. Bailey Auditorium



- 3 p. m.** The future of milk control. Leland Spencer. Agricultural Economics Auditorium
- The newer knowledge of breeding farm animals. S. A. Asdell. Animal Husbandry A
- Insects as conservationists. G. W. Herrick. Comstock 145
- The development of town government. T. N. Hurd. Agricultural Economics 125
- Mushrooms and toadstools. (Illustrated.) F. C. Stewart, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 336
- Effective color combinations in flowering trees and shrubs. (Illustrated.) (Until 5 p. m.) R. W. Curtis. Plant Science 37
- What happens to the fertilizer applied to muck crops. J. E. Knott. East Roberts 222
- Report on grain inspection. F. P. Bussell. Caldwell 143
- How to construct a septic tank. J. C. McCurdy. Dairy 119
- How to operate the incubator. A. L. Romanoff. Poultry 375
- The farm shop and tool equipment. L. M. Roehl. Agricultural Engineering Laboratory
- Judging the fertilizer needs of soils by the use of simple field tests. (Illustrated by a demonstration of various methods of testing.) E. Van Alstine. Caldwell 100
- Demonstration: Top-working, bridge-grafting, and propagating fruit trees. Repeated Saturday at 11 a. m. M. B. Hoffman. Plant Science 143
- Demonstration: Crossing plants. Repeated Thursday at 3 p. m. A. C. Fraser. Plant Breeding Greenhouse
- Round-table: The present status of the potato-tuber-defect problem. G. F. MacLeod in charge. Comstock 25
- 4 p. m.** How to train domesticated animals. Demonstration with dog and raccoon. L. Pearl Gardner. Roberts Assembly
- Dairying in Europe. (Illustrated.) R. S. Breed, New York State Agricultural Experiment Station, Geneva, New York. Agricultural Economics Auditorium
- The care of rabbits. W. J. Hamilton, jr. Comstock 145
- Peach insects. D. M. Daniel, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- Onion and celery diseases. A. G. Newhall. East Roberts 222
- The Dutch elm disease. (Lecture and demonstration.) Repeated Thursday at 4 p. m. D. S. Welch. Plant Science 362.
- Report on potato breeding. J. R. Livermore. Caldwell 143
- Question box. An open discussion of soil problems. Speakers of the day on soil topics will be present to answer questions and to elaborate their previous talks. Leaders, A. F. Gustafson and F. B. Howe. Caldwell 100
- Demonstration: Skinning poultry for market. A. Van Wagenen and E. Y. Smith. Poultry Killing Room
- A display of the newer cuts of pork. Animal Husbandry Meat Cutting Room
- 5 p. m.** A naturalist in the far West. (Illustrated.) E. L. Palmer. Roberts Assembly

- Annual meeting of the New York State Dairymen's Association. Agricultural Economics 125
- Annual meeting of the New York State Breeders' Association. Animal Husbandry C
- Recreation hour. Grace Henderson and E. H. Regnier in charge. Comstock 245

### Evening

- 6 p. m. Banquet for members of the New York State Dairymen's Association, the New York State Breeders' Association, and the Honorary Guild of Gopatis. Willard Straight Hall
- 8 p. m. Concert by the Cornell University Orchestra. George L. Coleman, conductor. Bailey Auditorium

### WEDNESDAY, FEBRUARY 13

*For home-economics subjects, see page 22*

(All lectures and demonstrations begin 10 minutes after the hour)

- 8 a. m. Fruit growing as practiced in the State of California. E. C. Hughes, Agricultural Experiment Station, Davis, California. Plant Science 143
- 9 a. m. The hatchery code for 1935. J. E. Rice. Poultry 375
- Grange conference, see page 32
- Viscosity of cream. A. C. Dahlberg, New York State Agricultural Experiment Station, Geneva, New York. Dairy 218
- Production credit. J. F. Harriott, Production Credit Corporation, Springfield, Massachusetts. Agricultural Economics Auditorium
- Establishing the young orchard: Varieties, soil, and planting. A. J. Heinicke. Plant Science 143
- New developments in silage-making from legumes. J. K. Wilson. Animal Husbandry A
- Certified-seed-potato standards: Past, present, and future. K. H. Fernow. Caldwell 143
- The newer developments in the breeding of corn, oats, barley, and cabbage. Repeated Friday at 9 a. m. R. G. Wiggans, C. H. Myers, and F. P. Bussell. Plant Science 141
- Miniature flower arrangements. J. C. Ratsek. Plant Science 37
- Certain cultural practices as they affect yields of potatoes. George Moore. East Roberts 222
- The delivery end of the milk business. C. W. Pierce. Agricultural Economics 125
- Soil erosion in New York and ways of measuring it. (Illustrated.) F. B. Howe and John Lamb. Comstock 145
- Ventilation of the dairy stable. (Illustrated.) A. M. Goodman. Dairy 119
- Round-table: Dairy-herd-improvement associations; and business meeting of the New York Guild of Gopatis. (Until 11 a. m.) James Young, President, Angelica, New York, presiding. Animal Husbandry E
- 10 a. m. Long-time credit. E. H. Thompson, President, Federal Land Bank, Springfield, Massachusetts. Agricultural Economics Auditorium

- Soil erosion: A national menace. H. H. Bennett, in charge of Soil Erosion Service, United States Department of Interior, Washington, D. C. Roberts Assembly
- A new attack on the mortality problem in chickens. F. B. Hutt. Poultry 375
- Economy in the production of beef. W. H. Pew, Pine Plains, New York. Animal Husbandry A
- The movement of sons and daughters from rural homes. W. A. Anderson. Agricultural Economics 225
- Insects of columbine and iris. (Illustrated.) Grace H. Griswold. Comstock 145
- Seed growing in Sweden. A comparison of seed-control methods, and a report of the International Control Congress. M. T. Munn, New York State Agricultural Experiment Station, Geneva, New York. Caldwell 143
- Possible savings to be made in fertilizing the 1935 potato crop on muck soils. E. V. Hardenburg. East Roberts 222
- Sixty old and new varieties of hedges for every purpose. Donald Wyman. Plant Science 37
- Vocational agriculture in New York high schools under the National Vocational Act. Repeated Friday at 10 a. m. R. M. Stewart. Stone 102
- Winter-killing of fruit trees: Types of injury, hardiness, and recovery processes. L. H. MacDaniels. Plant Science 143
- Making and grading maple sirup. J. A. Cope. Fernow 122
- Grange conference, see page 32
- The newer developments in the breeding of wheat, soybeans, and potatoes. Repeated Friday at 10 a. m. H. H. Love, R. G. Wiggans, and J. R. Livermore. Plant Science 141
- Meeting of the New York Shropshires Breeders' Association. W. S. Hutchings, President, Coldwater, New York, presiding. Animal Husbandry C
- Demonstration: Multiple hitches for draft horses. (Until 12 m.) M. W. Harper and R. M. Watt. Judging Pavilion
- The Milk Control Board. Charles H. Baldwin, Commissioner of Agriculture and Markets, Albany, New York. Dairy 218
- How to grind farm tools using an emery grinder. L. M. Roehl. Agricultural Engineering Laboratory
- 11 a. m. Some current problems of agriculture. G. F. Warren. Bailey Auditorium
- New tree fruits. Richard Wellington, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- Personality in gardens. Leonard Barron, Horticultural Editor, *The American Home*, Garden City, Long Island. Plant Science 233
- Types of soil erosion in New York State and the development of cropping plans for the prevention of soil erosion. (Illustrated.) J. H. Barron. Caldwell 100
- Some facts concerning crossbred chickens. G. O. Hall. Poultry 375
- The preservative treatment of fence post. C. H. Guise. Fernow 122
- Refrigeration for the home or for the milk house, with gas or kerosene heat, electric motor, or gasoline engine. H. W. Riley. Dairy 119
- Preparing a lamb carcass for home use. K. F. Warner, United States Department of Agriculture, Washington, D. C. Animal Husbandry A

- Symposium: The economical wintering of beef cattle. T. M. Scoon, Geneva, New York, in charge. Animal Husbandry C
- The effect of storage temperature and humidity on the yield of potatoes. Ora Smith. East Roberts 222
- Varieties of silage corn and the use of emergency forage crops. W. D. Swope. Plant Science 141
12. m. How much protein is needed in poultry rations? L. C. Norris. Poultry 375
- Winter injury and its relation to orchard spray practices. F. Z. Hartzell, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- Homemade sauerkraut. Carl S. Pederson, New York State Agricultural Experiment Station, Geneva, New York. Caldwell 143
- Soil acidity, and fertilizers for the garden. Kenneth Post. Plant Science 37
- The pea aphid. Hugh Glasgow, New York State Agricultural Experiment Station, Geneva, New York. East Roberts 222
- Using soil measures effectively. G. H. Serviss. Caldwell 100
- Trends in cow numbers in New York State. L. C. Cunningham. Agricultural Economics Auditorium
- Suggestions for people buying farms. Repeated Saturday at 10 a. m. T. E. LaMont. Agricultural Economics 125
- Demonstration of nutrition experiments in progress on growth, minerals, and vitamins. Repeated Thursday and Friday at 12 m. L. A. Maynard. Animal Nutrition Laboratory, Dairy Building
- Luncheon for sheep breeders and sheep feeders. Terrace Room, Willard Straight Hall
- Report of lamb-feeding experiments. F. B. Morrison
- Report of the demonstrations on stiff-lamb disease, cut hay as compared with long hay, and pasture improvement, and other sheep and lamb experiments. J. P. Willman
- 1 p. m. Motion pictures. Plant Science 233
- Community singing. A. D. Zanzig in charge. Bailey Auditorium
- 2 p. m. The contagion of our delusions. Charles M. Gardner, Editor, *National Grange Monthly*, Springfield, Massachusetts. Bailey Auditorium
- Demonstration: Killing lambs. R. B. Hinman and C. D. Schutt. Animal Husbandry Meat Laboratory
- 3 p. m. Grange conference, see page 32
- How the State cooperates in financing our rural schools. A. D. Simpson, Assistant Commissioner of Education, Albany, New York. Comstock 245
- The progress of American gardening. Leonard Barron. Plant Science 233
- Fruit and vegetable marketing agreements. Porter Taylor, Agricultural Adjustment Administration, Washington, D. C. Agricultural Economics 125
- Recent changes in New York communities. H. W. Beers. Agricultural Economics 225
- Why some poultry farms pay better than others. K. Hood. Agricultural Economics Auditorium
- A potato experiment: Basal as compared with apical sets. F. C. Stewart, New York State Agricultural Experiment Station, Geneva, New York. Caldwell 143

- Controlling weeds with chemicals. W. C. Muenscher. Plant Science 141
- The removal of spray residue from apples. M. B. Hoffman. Plant Science 143
- Problems in dairy-herd improvement. E. S. Harrison. Animal Husbandry A
- Fertilizer placement and its effect on the growth of vegetables. (Illustrated.)  
C. B. Sayre, New York State Agricultural Experiment Station, Geneva,  
New York. East Robert 222
- Control of erosion, and rebuilding the surface soil with grasses and clovers.  
D. B. Johnstone-Wallace. Caldwell 100
- Should poultry houses be heated? J. H. Bruckner. Poultry 375
- How to gum, file, and set cross-cut and circular saws. L. M. Roehl. Agri-  
cultural Engineering Laboratory
- Insect transmission of the Dutch elm disease. (Illustrated.) P. A. Readio.  
Comstock 145
- Round-table: Results of experiments for the control of insects attacking crops  
grown on muck land. G. F. MacLeod. Comstock 25
- Round-table: Discussion of woodlot and reforestation problems. (Until 5 p.m.)  
Members of the Forestry staff in charge. Forestry Club Room
- Inspection of sheep barns, breeding flocks, and experimental sheep and lambs.  
Waite Farm. Meet at first floor of Animal Husbandry Building where trans-  
portation will be provided for those without cars.
- The value of vitamin-D milk. C. F. Sharp. Dairy 218
- Wood-chopping contest. Representatives from sixteen counties who made the  
best records at local contests held in connection with woodlot-improvement  
meetings, will compete for unofficial state champion. East end Agricultural  
Quadrangle. If stormy, Baseball Cage
- Meeting of the Advisory Committee of the State Farm Bureau Federation.  
(Until 5. p. m.) Stone 102
- 4 p. m.** Grange conference, see page 32
- Concert by the Ithaca College Concert Band. Walter Beeler, Director.  
Bailey Auditorium
- Some social experiments in New York State. Jared Van Wagenen, Lawyers-  
ville, New York. Agricultural Economics Auditorium
- Recent changes in the distribution of fruits and vegetables. M. P. Rasmussen.  
Agricultural Economics 125
- Demonstration: The Cornell apple washer. M. B. Hoffman and B. A.  
Jennings in charge. Pomology Packing Shed. Transportation furnished,  
leaving Plant Science Building, south entrance, at 4 p. m.
- Market garden peas: New varieties and methods of culture. W. T. Tapley,  
New York State Agricultural Experiment Station, Geneva, New York.  
East Roberts 222
- Summary of potato-spraying experiments on Long Island. O. D. Burke and  
R. B. McCormack. Caldwell 143
- Indemnities in the control of abortion, tuberculosis, and mastitis. H. B.  
Leonard, Department of Agriculture and Markets, Albany, New York.  
Dairy 218
- Rats and rat riddance. W. J. Hamilton, Jr. Comstock 145
- Demonstration and discussion of the internal parasites of sheep. D. W. Baker.  
To be followed by demonstrations of drenching sheep and docking and castrat-  
ing lambs. J. P. Willman and G. L. Hunt. Sheep Barns, Waite Farm

- The quality of flower seeds on sale in New York State. M. T. Munn. Plant Science 37
- The federal land-purchase program in New York State. (Until 4.30 p. m.) Lyman O. Bond and Leo A. Allen, Land Policy Section, Agricultural Adjustment Administration, Ithaca, New York
- The rural rehabilitation program in New York State. (At 4.30 p. m.) W. E. Georgia and J. H. Strahan, New York State Temporary Emergency Relief Administration, New York City. Roberts 392
- Dairy-cattle demonstration and judging contest. Competition open to Farm and Home Week visitors. E. S. Harrison in charge. Judging Pavilion
- A display of the newer cuts of lamb. Animal Husbandry Meat Cutting Room
- Demonstration: Scald and dry-picking poultry for market. L. M. Hurd. Poultry Killing Room
- Demonstration: Selecting hens, pullets, and male birds for egg-production characteristics. F. E. Andrews. Poultry 300
- Question box. Soil-conservation problems. Speakers of the day will be on hand to answer questions and to elaborate their previous talks. Leaders, F. B. Howe, H. H. Bennett, John Lamb, and J. N. Spaeth. Caldwell 100
- 5 p. m. Concert by the Ithaca College Concert Band. (Continued.) Bailey Auditorium
- Round-table discussion: Federal land-purchase and rural rehabilitation programs in New York State. Roberts 392
- Recreation hour. Grace Henderson and E. H. Regnier in charge. Comstock 245

### Evening

- 6.15 p. m. Alumni banquet. Informal reception and supper for all former, regular, special, and winter-course students and for members of the faculties of the Colleges of Agriculture and Home Economics. Willard Straight Hall
7. 30 p. m. Young Farmers' reception and stunt night. Ralph Welker, President of the Cornell Collegiate Chapter of Young Farmers, chairman. Agricultural Economics Auditorium
- 8 p. m. State festival in dramatics. Presentation of rural-community plays that have won recognition for excellence of selection and production. University Theatre, Willard Straight Hall. (An admission fee will be charged to help defray traveling expenses of the casts.)

### THURSDAY, FEBRUARY 14

*For home-economics subjects, see page 24*

(All lectures and demonstrations begin 10 minutes after the hour)

- 8 a. m. Fruit growing as practiced in the State of Utah. F. M. Coe, Utah Agricultural Experiment Station, Logan, Utah. Plant Science 143
- 9 a. m. Ways of selling milk. M. C. Bond. Agricultural Economics Auditorium
- Preparing beef and veal carcasses for home use. K. F. Warner. Animal Husbandry A
- Methods which may be used for the standardization of milk on the farm. H. J. Brueckner. Dairy 218

- Quality factors affecting the prices paid for Long Island cauliflower. John Hartman. East Roberts 222
- Lawns: Their construction and maintenance. J. A. DeFrance. Plant Science 37
- Orchard-soil management and fertilization. A. J. Heinicke. Plant Science 143
- New varieties of oats, barley, wheat, and soybeans. F. P. Bussell. Plant Science 141
- The fertilization and management of New York rotations. A. F. Gustafson. Caldwell 100
- The modified potato-spraying program in relation to varieties. E. O. Mader. Caldwell 143
- The production of canning-factory tomatoes for profit. K. Hood. Agricultural Economics 125
- New light on the vitamin-D requirements of laying hens. L. E. Weaver. Poultry 375
- Judging contests. Teams from high schools and state agricultural schools. Livestock. H. A. Hopper and H. A. Willman in charge. Judging Pavilion
- Potato. Ora Smith in charge. Contestants must report at new greenhouse between 8.30 a. m. and 12 m.
- Plant-disease identification. Charles Chupp in charge. Plant Science. Second floor. (Inquire at Room 319)
- Farm-shop skills. L. M. Roehl in charge. Agricultural Engineering Laboratory
- Poultry. G. O. Hall in charge. Poultry Breeding Observation House
- 10 a. m. The milk sanitation program as it affects the dairyman. Paul B. Brooks, New York State Department of Health, Albany, New York. Dairy 218
- Northeastern animal husbandry as I see it. James G. Watson, Editor of *The New England Homestead*, Springfield, Massachusetts. Animal Husbandry A
- Kernels, screenings, and chaff. H. E. Babcock, President, Cooperative Grange League Federation Holding Corporation, Ithaca, New York. Agricultural Economics Auditorium
- Insect problems of 1934. P. J. Parrott, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- Lessons in beekeeping from last winter. E. F. Phillips. Comstock 145
- Speech defects and their treatment. Frederick L. Martin, Director, Speech Clinic, Ithaca College, Ithaca, New York. Martha Van Rensselaer Hall 124
- What other investigators are finding out about poultry. F. B. Hutt. Poultry 375
- Permanent farm concrete. J. C. McCurdy. Dairy 119
- The interests and activities of rural young men. W. A. Anderson. Agricultural Economics 225
- Growing alfalfa in New York State. Repeated Saturday at 9 a. m. J. H. Barron. Caldwell 100
- Diseases of garden flowers. L. M. Massey. Plant Science 37
- Western as compared with eastern vegetable production. H. C. Thompson. East Roberts 222
- Double-crossed corn for silage and grain. R. G. Wiggins. Plant Science 141
- The yellow-dwarf disease of potatoes. L. M. Black. Caldwell 143

- 11 a. m. The what, how, and why of habit formation. P. J. Kruse. Martha Van Rensselaer Hall 124
- Measures of value. G. F. Warren. Bailey Auditorium
- The preservation of fruits by freezing. D. B. Carrick. Plant Science 143
- Muskmelons for roadside and local markets. W. D. Enzie, New York State Agricultural Experiment Station, Geneva, New York. East Roberts 222
- Preparing exhibits for small flower shows. Lucile G. Smith. Plant Science 37
- The growing of soybeans for grain and hay. R. G. Wiggans. Plant Science 141
- Bacteria in relation to soil productivity, crop growing, and preservation. J. K. Wilson. Caldwell 100
- Some insect pests of ornamental plants. F. L. Gambrell, New York State Agricultural Experiment Station, Geneva, New York. Caldwell 143
- The farm woodlot and the lumber code. A. B. Recknagel. Fernow 122
- Feeding young turkeys. A preliminary report on recent research work at the New York State College of Agriculture. G. F. Heuser. Poultry 375
- The rancid or bitter flavor of raw milk and cream. (Until 11.30 a. m.) P. F. Sharp. Dairy 218
- The oxidized, papery, or cappy flavor of milk and cream. (At 11.30 a. m.) H. J. Brueckner. Dairy 218
- Good lighting for the living room. F. B. Wright. Dairy 119
- Raising colts. M. W. Harper. Animal Husbandry A
- The management of bees in the orchard. G. H. Rea. Comstock 145
- Inspection of the beef-cattle barn, the beef-breeding herd, and the experimental steers. R. B. Hinman in charge. Meet in Animal Husbandry C
- 12 m. Receptacles for cut flowers. E. A. White. Plant Science 233
- The codling moth. S. W. Harman, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- The assessment of property and the collection of taxes. M. P. Catherwood. Agricultural Economics Auditorium
- The egg-grades situation, and the producer. H. E. Botsford. Poultry 375
- Fertilizers and fertilizer materials for New York soils. Repeated Saturday at 10 a. m. G. H. Serviss. Caldwell 100
- Some new control measures for damping-off. (Illustrated.) J. G. Horsfall, New York State Agricultural Experiment Station, Geneva, New York. East Roberts 222
- Some results of land classification in Chenango County. H. S. Tyler. Agricultural Economics 225
- Results of land utilization in Chemung, Broome, Montgomery, Tioga, and Cortland Counties. T. E. LaMont. Agricultural Economics 125
- Demonstration of nutrition experiments in progress on growth, minerals, and vitamins. L. A. Maynard. Animal Nutrition Laboratory, Dairy Building
- Luncheon for members and friends of the Eastern Aberdeen Angus Breeders Association and the New York Hereford Breeders Association. Forest Home Inn
- 1 p. m. Motion pictures. Plant Science 233
- Community singing. A. D. Zanzig in charge. Bailey Auditorium



- Spray-service-trouble hour. Discussion of insect- and disease-control problems with individual growers. W. D. Mills and W. E. Blauvelt. Plant Science 141
- Luncheon for New York State Master Farmers and their families. Willard Straight Hall. Price, 50 cents.
- 2 p. m. Today's youth is tomorrow's nation. Mrs. Franklin D. Roosevelt, Washington, D. C. Bailey Auditorium
- Radio reception of the address being given by Mrs. Franklin D. Roosevelt in Bailey Auditorium, as broadcast by the University Radio Station WESG. Roberts Assembly, Plant Science 233, WESG Studio, and Agricultural Engineering Laboratory
- Results from the five-point turkey campaign. (Until 2.30 p. m.) E. Y. Smith. Poultry 375
- Modern methods of marketing turkeys. (At 2.30 p. m.) C. H. Smith. Poultry 375
- Improvement in the transportation of milk and cream. H. R. Varney. Agricultural Economics Auditorium
- Meeting of the Natural Milk Cooperative Association. (Until 4 p. m.) S. M. Allerton, Binghamton, New York, presiding. Dairy 218
- Student's livestock show. Judging Pavilion
- 3 p. m. The buildings and campus of Cornell University. (Illustrated.) C. L. Durham. Primarily for high-school boys and girls and their parents. Roberts Assembly
- Factors in the appraisal of farms for mortgage purposes. Earl D. Strait, Chief Appraiser, Federal Land Bank, Springfield, Massachusetts Agricultural Economics Auditorium
- Color in flower arrangements. (Until 5 p. m.) Lucy D. Taylor. Plant Science 233
- A survey of recent developments in the potato-disease situation. F. M. Blodgett. Caldwell 143
- Small fruits: New varieties and general care. G. L. Slate, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- Mushrooms, toadstools, and other interesting fungi. (Illustrated.) H. M. Fitzpatrick. Plant Science 336
- What constitutes quality in sweet corn. R. R. Jensen, New York State Agricultural Experiment Station, Geneva, New York. East Roberts 222
- Homemade ice cream. W. E. Ayres. Dairy 119
- How to control disease on the poultry farm. E. L. Brunett. Poultry 375
- Forum: An open discussion on alfalfa, other legume crops, and forage crops, and on the use of lime, fertilizer, and inoculation in the growing of such crops. (Until 5 p. m.) Leaders, J. H. Barron, A. F. Gustafson, J. K. Wilson, D. B. Johnstone-Wallace, H. B. Hartwig, A. W. Hofer, and F. P. Bussell. Caldwell 100
- Demonstration: Crossing plants. A. C. Fraser. Plant Breeding Greenhouse Business meeting of the Alumni Association, New York State College of Agriculture. Roberts 292
- 4 p. m. Music festival. A. D. Zanzig in charge. Bailey Auditorium
- Problems and progress in Chinese agriculture. H. H. Love. Roberts Assembly

- Places of historical interest in the Mohawk and upper Hudson Valleys. A. S. Hopkins, Conservation Department, Albany, New York. Agricultural Economic Auditorium
- Insects of the kitchen and attic. (Illustrated.) Grace H. Griswold. Comstock 145
- Utilization of surplus fruit in the making of fruit juices and fruit-juice beverages. D. K. Tressler, New York State Agricultural Experiment Station, Geneva, New York. Plant Science 143
- The Dutch elm disease. (Lecture and demonstration.) D. S. Welch. Plant Science 362
- Pitfalls in growing vegetable crops on the general farm. F. O. Underwood. East Roberts 222
- Demonstration: New methods of determining sex in baby chicks. L. M. Hurd. Poultry 375
- Demonstration: The wax method of picking turkeys and poultry. E. Y. Smith and A. Van Wagenen. Poultry Killing Room
- The arithmetic involved in the standardization of milk and its products. E. S. Guthrie. Dairy 119
- Display of the newer cuts of beef. Animal Husbandry Meat Cutting Room
- Round-table: The control of insects attacking potato foliage. G. F. MacLeod in charge. Comstock 25
- Trips for high-school boys and girls to points of interest on the Cornell Campus. Cornell students will act as guides. Start from Roberts Assembly
- 5 p. m. Jamaica or Hawaii. Which for recreation? (Illustrated.) E. L. Palmer. Roberts Assembly
- Recreation hour. Grace Henderson and E. H. Regnier. Comstock 245

### Evening

- 6.30 p. m. The seventh annual Master Farmer banquet. Willard Straight Hall. Presentation by *American Agriculturist* of the medals to the 1934 Master Farmers and of the junior awards, known as 4-A medals, to eight young people; two Boy Scouts on farms, two 4-H Club members, two high-school students in vocational agriculture, and two members of juvenile granges. Awards will be presented by the Honorable Herbert H. Lehman, Governor of the State of New York. (Reservations can be made by writing *American Agriculturist*, Savings Bank Building, Ithaca, New York. Tickets will be \$1.50 each.)
- 8 p. m. Eastman Stage contest. Twenty-sixth annual speaking contest for prizes of \$100 and \$25 given by A. R. Eastman. Bailey Auditorium
- Meeting of Round-Up Club. Animal Husbandry A  
College training and preparation for the field. James G. Watson.

### FRIDAY, FEBRUARY 15

*For home-economics subjects, see page 25*

(All lectures and demonstrations begin 10 minutes after the hour)

- 8 a. m. Fruit growing as practiced in the State of Colorado. A. M. Binkley, Agricultural Experiment Station, Fort Collins, Colorado. Plant Science 143
- 9 a. m. Vegetable varieties for 1935. Paul Work. East Roberts 222

- Pools for the home grounds. D. J. Bushey. Plant Science 37
- How, when, and where to sell your apples. G. P. Scoville. Plant Science 143
- The newer developments in the breeding of corn, oats, barley, and cabbage.  
R. G. Wiggins, C. H. Myers, and F. P. Bussell. Plant Science 141
- State-aid for schools. G. B. Robinson. Agricultural Economics Auditorium
- The use of coal, oil, and electric brooders. J. H. Bruckner. Poultry 375
- Replenishing farm horses. M. W. Harper. Animal Husbandry A
- Emergency and supplementary pasture and hay crops. J. H. Barron.  
Comstock 145
- Butter-making on the farm. E. S. Guthrie. Dairy 119
- Planning a recreation program for your community. E. H. Regnier. Agri-  
cultural Economics 225
- Judging contests. Teams from high schools and state agricultural schools.  
Apple identification. M. B. Hoffman in charge. Plant Science 141  
Milk. H. J. Brueckner in charge. Dairy 218
- 10 a. m.** What does your bank mean to your town? Clayton E. Bixby, Mer-  
chants National Bank and Trust Company, Syracuse, New York. Agri-  
cultural Economics Auditorium
- New facts in animal nutrition and feeding. L. A. Maynard. Animal Hus-  
bandry A
- How bacteria appear, live, and grow. (Illustrated with slides and motion  
pictures.) C. N. Stark. Dairy 119
- The interests and activities of rural young women. W. A. Anderson. Agri-  
cultural Economics 225
- Some successful farms in 1934. G. P. Scoville. Agricultural Economics 125
- Building satisfactory poultry rations under present economic conditions.  
G. F. Heuser. Poultry 375
- Pasture improvement and management. (Illustrated.) D. B. Johnstone-  
Wallace. Caldwell 100
- The newer developments in the breeding of wheat, soybeans, and potatoes.  
H. H. Love, R. G. Wiggins, and J. R. Livermore. Plant Science 141
- Pollination experiments with tree fruits, and their practical application. F.  
M. Coe. Plant Science 143
- The gladiolus. A. M. S. Pridham. Plant Science 37
- Vocational agriculture in New York high schools under the National Voca-  
tional Act. R. M. Stewart. Stone 102
- Selecting and testing soils for vegetable crops. G. J. Raleigh. East Roberts 222
- Practice period: Butter-making on the farm. (Until 12 m.) E. S. Guthrie  
in charge. Butter Laboratory, Dairy Building
- The alfalfa snout-beetle. (Illustrated.) C. E. Palm. Comstock 145
- Hot and cold running water at low cost. (Illustrated.) B. B. Robb. Martha  
Van Rensselaer Hall 117
- Demonstrations and judging contests in beef cattle, horses, sheep, and swine.  
(Until 12 m.) Competition open to Farm and Home Week visitors. M. W.  
Harper, R. B. Hinman, J. P. Willman, and K. L. Turk in charge. Judging  
Pavilion

- 11 a. m.** The price situation. G. F. Warren. Bailey Auditorium  
 Is home-grown seed good seed? C. H. Myers. East Roberts 222  
 Growing cut flowers for sale at a wayside stand. R. C. Allen. Plant Science 37  
 The cold storage of apples. D. B. Carrick. Plant Science 143  
 Lime and its use for crops on New York soils. A. F. Gustafson. Caldwell 100  
 The value of the state egg-laying tests in the poultry breeder's program. R. C. Ogle. Poultry 375  
 The effect of different methods on the rapidity of cooling milk. H. E. Ross. Dairy 119  
 A new method for determining the amounts of grain to feed individual cows. W. T. Crandall. Animal Husbandry A
- 12 m.** The Mexican bean beetle. H. C. Hockett, New York State Agricultural Experiment Station, Geneva, New York. East Roberts 222  
 How to assure your flower seedlings a healthy start in life. C. E. F. Guterman. Plant Science 37  
 Winter injury of fruit trees: Location, extent, and contributing causes. E. R. Wagner. Plant Science 143  
 Silage-growing and silage crops for New York State. E. VanAlstine. Caldwell 100  
 Planning the location of farm-to-market roads and of rural electric lines. T. E. LaMont. Agricultural Economics Auditorium  
 Preparing a hog carcass for home use. K. F. Warner. Animal Husbandry A  
 Visits to New York State poultry farms. (Illustrated.) L. M. Hurd. Poultry 375  
 Demonstration of nutrition experiments in progress on growth, minerals, and vitamins. L. A. Maynard. Animal Nutrition Laboratory, Dairy Building
- 1 p. m.** Motion pictures. Plant Science 233  
 Community singing. A. D. Zanzig in charge. Bailey Auditorium
- 2 p. m.** Address. The Honorable Herbert H. Lehman, Governor of the State of New York, Albany, New York. Bailey Auditorium  
 Radio reception of the address being given by the Honorable Herbert H. Lehman in Bailey Auditorium, as broadcast by the University Radio Station WESG. Roberts Assembly, Plant Science 233, WESG Studio, and Agricultural Engineering Laboratory  
 Demonstration: Slaughtering hogs. R. B. Hinman and C. D. Schutt. Animal Husbandry Meat Laboratory
- 3 p. m.** Needed reorganization of rural relief. Dwight Sanderson. Martha Van Rensselaer Hall 117  
 Should New York farmers grow the newer varieties of potatoes? J. R. Livermore. Plant Science 141  
 Better ways of storing vegetables for winter. Hans Platenius. East Roberts 222  
 Growing clover and timothy, with special consideration given to the place of nitrogenous fertilizers in timothy production. H. B. Hartwig. Caldwell 100  
 Marketing farm produce at roadside stands. E. B. Wilson. Agricultural Economics 125

- Results of recent farm-management surveys of dairy farms. L. C. Cunningham. Agricultural Economics Auditorium
- The chemical sterilization of milk utensils. H. J. Brueckner. Dairy 119
- Draft-horse pulling with dynamometer. M. W. Harper and R. M. Watt. Judging Pavilion
- Round-table: Radio broadcasting of agricultural and home-economics programs. Charles A. Taylor in charge. Roberts 392
- Answer to question box and demonstrations of garden operations. (Until 5 p. m.) Staff of Floriculture and Ornamental Horticulture Department. Plant Science 15
- Round-table and fruit question box. A. J. Heinicke and members of Pomology staff. Plant Science 143
- Meeting of the New York State Swine Growers' Association. Byrd Townsend, Interlaken, New York presiding. Animal Husbandry C
- Reports of swine-feeding experiments. F. B. Morrison and J. P. Willman
- How to help your hogs produce pork more efficiently. J. P. Willman
- 4 p. m.** Organ recital. Harold D. Smith, University Organist. Bailey Auditorium
- Mammals of New York State in their relation to agriculture. (Illustrated.) W. J. Hamilton, Jr. Roberts Assembly
- The farm-home vegetable garden. A. J. Pratt. East Roberts 222
- Feeding and exercising dairy bulls. E. S. Savage. Animal Husbandry A
- Some observations on agriculture in Porto Rico. S. W. Warren. Agricultural Economics Auditorium
- Cayuga-soybean demonstrations in 1934. F. P. Bussell. Plant Science 141
- Demonstration: Selecting hens, pullets, and male birds for egg production. G. O. Hall. Poultry 300
- Demonstration and practice in the caponizing operation. H. E. Botsford. Poultry Breeds House
- Question box: An open discussion of pasture and forage-crop problems. Leaders, J. H. Barron, D. B. Johnstone-Wallace, and R. B. Hinman. Caldwell 100
- Inspection of the swine barn, the swine-breeding herd, and the experiments in progress at the Waite Farm. Meet in Animal Husbandry C. Transportation will be furnished for those without cars
- 5 p. m.** Recreation hour. Grace Henderson and E. H. Regnier in charge. Comstock 245
- 5.30 p. m.** Banquet for members of the school judging teams and for delegates to the Young Farmers' conference. Leonard McWilliams, toastmaster. (Reservations must be made before 10 a. m. from Lynn Wood, State Secretary and Treasurer, at Fernow 122.) Willard Straight Hall

### Evening

- 8 p. m.** Kermis. Plays produced by students of the New York State Colleges of Agriculture and Home Economics. (An admission fee will be charged, and the proceeds will be used for student activities.) Auditorium, Martha Van Rensselaer Hall

**SATURDAY, FEBRUARY 16**

(All lectures and demonstrations begin 10 minutes after the hour)

- 9 a. m.** Growing alfalfa in New York State. J. H. Barron. Caldwell 100  
Selection of enterprises for New York farms. P. J. Findlen. Agricultural  
Economics Auditorium
- 10 a. m.** Fertilizers and fertilizer materials for New York soils. G. H. Serviss.  
Caldwell 100  
Suggestions for people buying farms. T. E. LaMont. Agricultural Eco-  
nomics Auditorium
- 11 a. m.** Demonstration: Top-working, bridge-grafting, and propagating fruit  
trees. M. B. Hoffman. Plant Science 143  
How to seed for permanent pasture. D. B. Johnstone-Wallace. Caldwell 100  
County government in New York State. M. P. Catherwood. Agricultural  
Economics Auditorium

# LECTURES AND DEMONSTRATIONS

## HOME ECONOMICS

### MONDAY, FEBRUARY 11

(All lectures and demonstrations begin 10 minutes after the hour and will be given in Martha Van Rensselaer Hall unless otherwise noted.)

- 1 p. m. Community singing. Repeated daily at 1 p. m. A. D. Zanzig, Director of Music, National Recreation Association, New York City, in charge. Bailey Auditorium
- 2 p. m. Welcome to the Twenty-eighth Annual Farm and Home Week. Carl E. Ladd, Dean of the New York State Colleges of Agriculture and Home Economics, and Flora Rose, Director of the New York State College of Home Economics.  
The rural church at home and abroad. John R. Mott, Chairman, International Missionary Council, New York City. Auditorium
- 3 p. m. Demonstration: Thought for food. (Until 5 p. m.) Repeated Wednesday at 3 p. m. Lillian Shaben. Amphitheatre
- 5 p. m. Music training conference for county and local leaders and county agents. Repeated Tuesday and Wednesday at 5 p. m. A. D. Zanzig in charge. Auditorium
- Recreation hour. Repeated daily at 5 p. m. Grace Henderson and E. H. Regnier in charge. Comstock 245

### TUESDAY, FEBRUARY 12

(All lectures and demonstrations begin 10 minutes after the hour and will be given in Martha Van Rensselaer Hall unless otherwise noted.)

- 8 a. m. Conference with music leaders. Repeated daily at 8 a. m. A. D. Zanzig. Room 215
- 9 a. m. What is a model kitchen? Repeated Thursday at 9 a. m. Ella M. Cushman. Room G-19  
The use of handicrafts in home furnishings. Repeated Wednesday, Thursday, and Friday at 9 a. m. Dora Erway. Room 317  
Demonstration: Refurbishing your hat. (Until 12 m.) Repeated Wednesday at 9 a. m. Gladys L. Butt. Amphitheatre  
Planning a recreation program for your community. Repeated Friday at 9 a. m. E. H. Regnier. Agricultural Economics 225
- 10 a. m. Suggestions for buying canned foods. Marion Fish. Room 124  
The fabrics we buy: Wearing qualities of the newer dress materials. Beulah Blackmore. Room 215  
Social needs of rural young people. Mary Eva Duthie. Agricultural Economics 225  
Lecture-demonstration: Cutting the beef carcass. (Until 11.30 a. m.) Exhibit follows in Room 353. R. B. Hinman, assisted by home-economics students. Amphitheatre  
Is education seeing the problems of youth? Flora Rose. Auditorium  
Hot and cold running water at low cost. (Illustrated.) Repeated Friday at 10 a. m. A. M. Goodman. Room 117

- 11 a. m. The woman considers her appearance: A study of the ensemble. Repeated Friday at 12 m. Muriel Brasie. Auditorium  
 Can young people profit from tests of achievement and aptitude? Frances Markey. Room 124  
 Posture makes a difference in appearance as well as in health. Mary Ryan. Room 215
- 12 m. The conservation of human life. Ruby Green Smith. Auditorium  
 Rural group discussion of public problems. R. A. Polson. Amphitheatre
- 1 p. m. Community singing. Repeated daily at 1 p. m. A. D. Zanzig in charge. Bailey Auditorium
- 2 p. m. The newer knowledge of nutrition, with special reference to milk. E. V. McCollum, Johns Hopkins University, Baltimore, Maryland. Bailey Auditorium
- 3 p. m. Marketing forum. (Until 4.50 p. m.) Martha H. Eddy in charge. Auditorium  
 Lecture-demonstration: Cheese-making. (Until 5 p. m.) W. E. Ayres. Amphitheatre  
 Lecture-demonstration: Mixing colors for walls and woodwork. Repeated Friday at 3 p. m. Lucy D. Taylor and students. Room 408
- 4 p. m. The nursery school: A laboratory for home-economics students. Moving picture of a typical nursery-school day. Repeated Wednesday, Thursday, and Friday at 4 p. m. Marie B. Fowler and Tamara Dembo. Room 117  
 Buying furniture wisely. (Illustrated.) Repeated Wednesday and Friday at 4 p. m. Charlotte Brenan, Dora Erway, and Nancy Roman. Room 318
- 5 p. m. Music training conference for county and local leaders and county agents. Repeated Wednesday at 5 p. m. A. D. Zanzig in charge. Auditorium  
 Recreation hour. Repeated daily at 5 p. m. Grace Henderson and E. H. Regnier in charge. Comstock 245

### Evening

- 6.30 p. m. Reception and dinner: New York State Federation of Home Bureaus. Mrs. George M. Tyler, President, presiding. (Make reservations at Information Desk, Martha Van Rensselaer Hall.) Willard Straight Hall

### WEDNESDAY, FEBRUARY 13

(All lectures and demonstrations begin 10 minutes after the hour and will be given in Martha Van Rensselaer Hall unless otherwise noted.)

- 8 a. m. Conference with music leaders. Repeated Thursday and Friday at 8 a. m. A. D. Zanzig. Room 215
- 9 a. m. Changes in prices of food and clothing. Mabel Rollins. Room 124  
 Feeding young children. Helen Monsch. Auditorium  
 The use of handicrafts in home furnishing. Repeated Thursday and Friday at 9 a. m. Dora Erway. Room 317  
 Demonstration: Refurbishing your hat. (Until 11 a. m.) Gladys L. Butt with members of the home bureau. Room 217



- 10 a. m. Buying "sight unseen." (Illustrated.) Lucille Williamson. Room 117  
 Music for the home. A. D. Zanzig. Auditorium  
 The fabrics we buy: Dry cleaning, spot and stain removal from the newer dress materials. B. V. Nelson, Ithaca, New York. Room 215  
 The movement of sons and daughters from rural homes. W. A. Anderson. Agricultural Economics 225
- 11 a. m. Parents, children, and books in the rural community. Discussion and exhibit follow. (Until 1 p. m.) Ruth Sawyer Durand, Ithaca, New York. Auditorium  
 Why children become bored. (Illustrated with slides and films.) Kurt Lewin. Room 117  
 Lecture-demonstration: How to choose the colors for your rooms. Repeated Friday at 11 a. m. Lucy D. Taylor. Amphitheatre
- 12 m. Luncheon meeting of former students of the New York State College of Home Economics. Alumnae Association in charge. Director Flora Rose, speaker. Luncheon served by students in Omicron Nu. Home-making Apartment B
- 1 p. m. Community singing. Repeated Thursday and Friday at 1 p. m. A. D. Zanzig in charge. Bailey Auditorium
- 2 p. m. The contagion of our delusions. Charles M. Gardner, Editor, *National Grange Monthly*, Springfield, Massachusetts. Bailey Auditorium
- 3 p. m. Recent changes in New York communities. H. W. Beers. Agricultural Economics 225  
 Demonstration: Thought for food. (Until 5 p. m.) Lillian Shabens. Amphitheatre  
 Young people's problems as parents see them. Margaret Wylie. Auditorium
- 4 p. m. The nursery school: A laboratory for home-economics students. Moving picture of a typical nursery-school day. Repeated Thursday and Friday at 4 p. m. Marie B. Fowler and Tamara Dembo. Room 117  
 Buying furniture wisely. (Illustrated.) Repeated Friday at 4 p. m. Charlotte Brenan, Dora Erway, and Nancy Roman. Room 318
- 5 p. m. Music training conference for county and local leaders and county agents. A. D. Zanzig in charge. Auditorium  
 Recreation hour. Repeated Thursday and Friday at 5 p. m. Grace Henderson and E. H. Regnier in charge. Comstock 245

### Evening

- 6.15 p. m. Informal reception and supper for all former, regular, and special students and for members of the faculties of the Colleges of Home Economics and Agriculture. Tickets must be obtained at Information Booth, Home Economics, before 12 o'clock. Willard Straight Hall
- 8 p. m. State festival in dramatics. Presentation of rural community plays that have won recognition for excellence of selection and production. (An admission fee will be charged to help defray traveling expenses of the cast.) University Theatre, Willard Straight Hall

**THURSDAY, FEBRUARY 14**

(All lectures and demonstrations begin 10 minutes after the hour and will be given in Martha Van Rensselaer Hall unless otherwise noted.)

- 8 a. m. Conference with music leaders. Repeated Friday at 8 a. m. A. D. Zanzig. Room 215
- 9 a. m. What is a model kitchen? Ella M. Cushman. Room G-19  
The use of handicrafts in home furnishing. Repeated Friday at 9 a. m. Dora Erway. Room 317  
Lecture-demonstration: The touch that gives clothes a professional look. (Until 11 a. m.) Repeated Friday from 9 to 11 a. m. Carolyn B. McIlroy. Room 217  
Feeding the family on a lowered food budget. Lorna Barber. Auditorium
- 10 a. m. Managing time to prevent fatigue. Mary Rokahr, Bureau of Home Economics, Washington, D. C. Room 117  
Lecture-demonstration: Research in meat cookery comes to the aid of the housewife. Exhibit follows in Room 356. Marion Pfund and students. Amphitheatre  
Speech defects and their treatment. Frederick L. Martin, Director, Speech Clinic, Ithaca College, Ithaca, New York. Room 124  
The interests and activities of rural young men. W. A. Anderson. Agricultural Economics 225  
The woman considers her appearance: Desirable standards for grooming. Ruth Murrin Boyle, member of the Editorial Staff, *Good Housekeeping*, New York City. Room 215
- 11 a. m. The what, how, and why of habit formation. P. J. Kruse. Room 124  
The fabrics we buy: Can you get your money's worth? Ruth O'Brien, Bureau of Home Economics, Washington, D. C. Auditorium
- 12 m. Address. Anna W. Olmstead, Director, Syracuse Museum of Fine Arts, Syracuse, New York. Auditorium
- 1 p. m. Community singing. Repeated Friday at 1 p. m. A. D. Zanzig in Charge. Bailey Auditorium
- 2 p. m. Today's youth is tomorrow's nation. Mrs. Franklin D. Roosevelt, Washington, D. C. Bailey Auditorium
- 3 p. m. Flower arrangement. (Until 5 p. m.) Lucy D. Taylor. Plant Science 233
- How organizations of women in this State are contributing to their communities. Mrs. Francis H. Blake, President, New York State Congress of Parents and Teachers, Albion; Mrs. D. Leigh Colvin, President, Women's Christian Temperance Union of the State of New York, New York City; Mrs. Judah Dresner, President, New York State Conference of the National Council of Jewish Women, Yonkers; Mrs. John L. Fuller, Chairman, Service and Hospitality Committee, New York State Grange, Castile; Miss Margaret Hutchins, President, Home Economics Association of New York State, Albany; Mrs. Douglas Moffat, President, New York League of Women Voters, New York City; Mrs. Almeron W. Smith, President, New York State Federation of Women's Clubs, Plandome; Mrs. George M. Tyler, President, New York State Federation of Home Bureaus, North Bloomfield; Mrs. Alice Leete Wheeler, President, New York State Federation of Home Demonstration Agents, Canandaigua. Bailey Auditorium

4 p. m. Music festival. (Until 5.30 p. m.) A. D. Zanzig in charge. Bailey Auditorium

The nursery school: A laboratory for home-economics students. Moving picture of a typical nursery-school day. Repeated Friday at 4 p. m. Marie B. Fowler and Tamara Dembo. Room 117

5 p. m. Recreation hour. Repeated Friday at 5 p. m. Grace Henderson and E. H. Regnier in charge. Comstock 245

### FRIDAY, FEBRUARY 15

(All lectures and demonstrations begin 10 minutes after the hour and will be given in Martha Van Rensselaer Hall unless otherwise noted.)

8 a. m. Conference with music leaders. A. D. Zanzig. Room 215

9 a. m. Savings you can make on groceries. Leila Doman. Room 124

The use of handicrafts in home furnishings. Dora Erway. Room 317

The fabrics we buy: A guarantee of satisfaction from cotton materials. (Illustrated.) Clotilde Massoneau, New York City. Room 217

Lecture-demonstration: The touch that gives clothes a professional look. (Until 11 a. m.) Carolyn B. McIlroy. Room 215

Planning a recreation program for your community. E. H. Regnier. Agricultural Economics 225

10 a. m. Hot and cold running water at low cost. (Illustrated.) B. B. Robb. Room 117

Youth pioneers for peace. Paul Harris, Jr., Director, Youth Movement for World Recovery, Washington, S. C. Auditorium

Starting a home. Alida Hotchkiss. Room 124

The woman considers her appearance: Posture and foundation garments. Margaret Morehouse. Room 217

The woman considers her appearance: A study of the ensemble. Muriel Brasie. Auditorium

Lecture-demonstration: Recent research on eggs and their cookery. (Until 11.30 a. m.) Faith Fenton. Amphitheatre

The interests and activities of rural young women. W. A. Anderson. Agricultural Economics 225

11 a. m. Lecture-demonstration: How to choose colors for your rooms. Lucy D. Taylor. Room 408

The high-school girl and her wardrobe. Repeated Friday at 3 p. m. Margaret Humphrey and Emma Dodson Nevin. Room 215

Panel discussion: What resources are available for the families who are trying to maintain and improve their family life? (A continuation of last year's panel discussion: "What makes a good day for the rural family?") Ethel B. Waring, chairman. Auditorium

Panel members: Elizabeth Gardner, State Department of Health, Albany, New York; Ruth Andrus, State Department of Education, Albany, New York; Ruth Blakeslee, Social Service Division of F.E.R.A., Washington, D. C.; Carl Hesley, Tompkins County Development Association, Ithaca, New York; Dorothy Wightman, Tompkins County Library, Ithaca, New York; Fred Williams, Tompkins County Welfare Commissioner, Ithaca,

New York Mrs. Thomas J. Barker, Tompkins County Red Cross, Ithaca, New York; W. A. Anderson; E. A. Flansburgh; C. B. Moore; Dorothy Williams; Nancy Roman; R. A. Williamson, The Tobey Larger Parish, Danby, New York; Mrs. Stella Miller, Lecturer, State Grange, West Chazy, New York

- 12 m.** The woman considers her appearance: A study of the ensemble. Muriel Brasie. Room 215
- 1 p. m.** Community singing. A. D. Zanzig in charge. Bailey Auditorium
- 2 p. m.** Address. The Honorable Herbert H. Lehman, Governor of the State of New York, Albany, New York. Bailey Auditorium
- 3 p. m.** Needed reorganization of rural relief. Dwight Sanderson. Room 117  
The young people's health problems. Mary M. Crawford, Medical Adviser, Federal Reserve Bank, New York City. Auditorium  
The high-school girl and her wardrobe. Margaret Humphrey and Emma Dodson Nevin. Room 215  
Lecture-demonstration: Mixing colors for walls and woodwork. Lucy D. Taylor. Room 408
- 4 p. m.** The nursery school: A laboratory for home-economics students. Moving picture film of a typical nursery-school day. Marie B. Fowler and Tamara Dembo. Room 117  
Buying furniture wisely. (Illustrated.) Charlotte Brenen, Dora Erway, and Nancy Roman. Room 318  
Address. Paul Harris, Jr. Baker Laboratory
- 5 p. m.** Recreation hour. Grace Henderson and E. H. Regnier in charge. Comstock 245

#### Evening

- 8 p. m.** Kermis. Plays produced by students of the Colleges of Agriculture and Home Economics. (An admission fee will be charged and the proceeds will be used for student activities.) Auditorium

## CONFERENCES

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### ALUMNI ASSOCIATION OF THE NEW YORK STATE COLLEGE OF AGRICULTURE

President—R. F. FRICKE, Buffalo, New York  
Vice-president—W. D. McMILLAN, Ithaca, New York  
Vice-president—N. A. TALMAGE, Riverhead, New York  
Vice-president—E. D. MERRILL, Webster, New York  
Secretary-treasurer—A. W. GIBSON, Ithaca, New York

#### WEDNESDAY, FEBRUARY 13

- 6.15 p. m. Informal reception and supper for all former, regular, special, and winter-course students and for members of the faculties of the Colleges of Agriculture and Home Economics. Tickets must be obtained at Information Booth, Roberts Hall, before 12 o'clock. Willard Straight Hall

#### THURSDAY, FEBRUARY 14

- 3 p. m. Business meeting. Roberts 292

### ALUMNAE ASSOCIATION OF THE NEW YORK STATE COLLEGE OF HOME ECONOMICS

President—RUTH RICE McMILLAN, '23  
Vice-president—KATHERINE BUCKELEW GIFFORD, '29  
Secretary-Treasurer—KATHERINE HARRIS, '22  
Chairman of Scholarship Committee—RUTH DAVIS, '17

#### WEDNESDAY, FEBRUARY 13

- 12 m. Luncheon meeting of former students of the New York State College of Home Economics. Alumnae Association in charge. Director Flora Rose, speaker. Luncheon served by students in Omicron Nu. Home-making Apartment B  
*Note:* Alumnae headquarters will be in Room 1-15, Martha Van Van Rensselaer Hall. All alumnae are requested to register there. Tickets for the luncheon and the banquet may be obtained at headquarters.
- 6.15 p. m. Informal reception and supper for all former, regular, and special students and for members of the faculties of the Colleges of Home Economics and Agriculture. Tickets must be obtained at Information Booth, Home Economics, before 12 o'clock. Willard Straight Hall

**NEW YORK STATE DAIRYMEN'S ASSOCIATION**  
(Fifty-eighth annual meeting)

AND

**NEW YORK STATE BREEDERS' ASSOCIATION**  
(Forty-eighth annual meeting)

Officers of the cooperating associations

New York State Dairymen's Association: T. H. MUNRO, President; G. W. SISSON, Vice-president; G. J. HUCKER, Secretary; C. E. GREENE, Treasurer. Directors: K. F. FEE, '34; J. D. BREW, '33; W. BIRDSALL, '33; C. W. HALLIDAY, '34; R. S. BREED, '33; GEO. R. FITTS, '34.

New York Breeders' Association: W. H. PEW, President; F. L. PORTER, and H. H. JACKSON, Vice-presidents; J. P. WILLMAN, Secretary-treasurer. Directors: C. A. BREESE, E. S. GILBERT, T. M. SCOON, W. S. HUTCHINGS, HEATON MANICE, BYRD TOWNSEND, E. J. CHAFFEE, JAMES YOUNG, S. N. STIMSON, D. N. BOICE, and G. W. SISSON, jr.

**TUESDAY, FEBRUARY 12**

**Joint Program**

**Forenoon session**

**Animal Husbandry A**

George W. Sisson, President, New York State Dairymen's Association, presiding

- 8.30 a. m.** Registration  
Appointment of committees
- 9 a. m.** Symposium on hay-making and hay crops. (Until 10 a. m.)  
Hay-making and hay crops for New York State. H. B. Hartwig  
Factors affecting the nutritive value of hay. F. B. Morrison
- 10 a. m.** Symposium on hay-making and hay crops.  
Importance of good-quality hay in stock feeding. E. S. Savage  
Discussion of hay crops and hay-making. F. W. Barrett and  
D. M. Dalrymple
- 11 a. m.** Using farm labor effectively throughout the season on livestock farms. E. S. Harrison and M. C. Bond

**Afternoon session**

W. H. Pew, President, New York State Breeders' Association, presiding

- 2 p. m.** The newer knowledge of nutrition, with special reference to milk.  
Dr. E. V. McCollum, Johns Hopkins University, Baltimore,  
Maryland. Bailey Auditorium
- 3 p. m.** The newer knowledge of breeding farm animals. S. A. Asdell.  
Animal Husbandry A
- 4 p. m.** Dairying in Europe. (Illustrated.) R. S. Breed. Agricultural  
Economics Auditorium  
A display of the newer cuts of pork. Animal Husbandry Meat  
Cutting Room
- 5 p. m.** Annual meeting of the New York State Dairymen's Association.  
Agricultural Economics 125

Annual meeting of the New York State Breeders' Association.  
Animal Husbandry C

### Evening

- 6 p. m. Banquet for members of the New York State Dairymen's Association, the New York State Breeders' Association, and the Honorary Guild of Gopatis. Willard Straight Hall

## WEDNESDAY, FEBRUARY 13

### New York State Breeders' Association

William H. Pew, President, New York State Breeders' Association, presiding

- 9 a. m. New developments in silage-making from legumes. J. K. Wilson.  
Animal Husbandry A
- Round-table: Dairy-herd-improvement associations; and business meeting of New York Guild of Gopatis. (Until 11 a. m.) James Young, President, Angelica, New York, presiding. Animal Husbandry E
- 10 a. m. Economy in the production of beef. W. H. Pew, Pine Plains, New York. Animal Husbandry A
- Demonstration: Multiple hitches for draft horses. (Until 12 m.) M. W. Harper and R. M. Watt. Judging Pavilion
- Meeting of New York Shropshire Breeders' Association. W. S. Hutchings, President, Coldwater, New York, presiding. Animal Husbandry C
- 11 a. m. Symposium: The economical wintering of beef cattle. T. M. Scoon, Geneva, New York, in charge. Animal Husbandry C
- Preparing a lamb carcass for home use. K. F. Warner, United States Department of Agriculture, Washington, D. C. Animal Husbandry A
- 12 m. Luncheon for sheep breeders and sheep feeders. Terrace Room, Willard Straight Hall
- Report of lamb-feeding experiments. F. B. Morrison
- Report on the demonstration of the stiff-lamb disease, cut hay as compared with long hay, and pasture improvement, and other sheep and lamb experiments. J. P. Willman
- Demonstration of nutrition experiments in progress on growth, minerals, and vitamins. L. A. Maynard. Animal Nutrition Laboratory, Dairy Building
- 2 p. m. Demonstration: Killing lambs. R. B. Hinman and C. D. Schutt. Animal Husbandry Meat Laboratory
- 3 p. m. Problems in dairy-herd improvement. E. S. Harrison. Animal Husbandry A
- Inspection of sheep barns, breeding flocks, and experimental sheep and lambs. Waite Farm. Meet at first floor of Animal Husbandry Building where transportation will be provided for those without cars
- 4 p. m. Dairy-cattle demonstration and judging contest. Competition open to Farm and Home Week visitors. E. S. Harrison in charge. Judging Pavilion

Demonstration and discussion of internal parasites of sheep. D. W. Baker. To be followed by demonstrations of drenching sheep and docking and castrating lambs. J. P. Willman and G. L. Hunt. Sheep Barns, Waite Farm

A display of the newer cuts of lamb. Animal Husbandry Meat Cutting Room

*Note:* Please refer to the complete Farm and Home Week program for activities of interest to livestock breeders which are scheduled on Monday, Thursday, and Friday, February 11, 14, and 15

## New York State Dairymen's Association

### Dairy 218

#### Forenoon session

George W. Sisson, President, New York State Dairymen's Association, presiding

- 9 a. m. Viscosity of cream. A. C. Dahlberg
- 10 a. m. The Milk Control Board. Charles H. Baldwin, Commissioner of Agriculture and Markets, Albany, New York
- 11 a. m. Some current problems of agriculture. G. W. Warren. Bailey Auditorium

#### Afternoon session

- 2 p. m. The contagion of our delusions. Charles M. Gardner, Editor, *National Grange Monthly*, Springfield, Massachusetts. Bailey Auditorium
- 3 p. m. Value of vitamin-D milk. C. F. Sharpe
- 4 p. m. Indemnities of the control of abortion, tuberculosis, and mastitis. H. B. Leonard, Department of Agriculture and Markets, Albany, New York

## EASTERN ABERDEEN-ANGUS BREEDERS' ASSOCIATION

President—H. H. JACKSON, Stormville, New York

Vice-president—L. A. COLTON, Geneva, New York

Secretary—R. B. HINMAN, Ithaca, New York

Treasurer—T. M. SCOON, Geneva, New York

### WEDNESDAY, FEBRUARY 13

- 10 a. m. Economy in the production of beef. W. H. Pew. Animal Husbandry A
- 11 a. m. Symposium: The economical wintering of beef cattle. T. M. Scoon in charge. Animal Husbandry C

### THURSDAY, FEBRUARY 14

- 11 a. m. Inspection of the beef-cattle barn, the breeding herd, and the experimental steers. R. B. Hinman in charge. Meet in Animal Husbandry C



- 12 m. Luncheon for members and friends of the Eastern Aberdeen-Angus Breeders' Association and the New York Hereford Breeders' Association. Forest Home Inn  
Pastures in beef production. D. B. Johnstone-Wallace
- 2 p. m. Student livestock show. Judging Pavilion

## NEW YORK SEED IMPROVEMENT COOPERATIVE ASSOCIATION, INC.

President—BRUCE P. JONES, Hall, New York  
Vice-president—GEORGE WINFIELD LAMB, Hubbardsville, New York  
Secretary-treasurer—ELIZABETH B. LYMAN, Ithaca, New York

### TUESDAY, FEBRUARY 12

Caldwell 143

- 11 a. m. Business meeting. (Will be adjourned until 12 m.)
- 3 p. m. Report on grain inspection. F. P. Bussell
- 4 p. m. Report on potato breeding. J. R. Livermore

### WEDNESDAY, FEBRUARY 13

Caldwell 143

- 9 a. m. Certified-seed-potato standards: Past, present, and future.  
K. H. Fernow
- 10 a. m. Seed growing in Sweden. A comparison of seed-control methods  
and a report of the International Control Congress. M. T. Munn
- 3 p. m. A potato experiment: Basal as compared with apical sets. F. C.  
Stewart
- 4 p. m. Summary of potato-spraying experiments on Long Island. O. D.  
Burke and R. B. McCormack

### THURSDAY, FEBRUARY 14

Caldwell 143

- 9 a. m. The modified potato-spraying program in relation to varieties  
E. O. Mader
- 10 a. m. The yellow-dwarf disease of potatoes. L. M. Black
- 3 p. m. A survey of recent developments in the potato-disease situation.  
F. M. Blodgett

## NEW YORK COOPERATIVE SEED POTATO ASSOCIATION, INC.

President—ALONZO G. ALLEN, Waterville, New York  
Vice-president—LYMAN L. FOOTE, Malone, New York  
Secretary-treasurer—H. J. EVANS, Georgetown, New York

For lectures of interest to potato growers during the week, refer to the general program and to the program of the New York Seed Improvement Cooperative Association, Inc.

### TUESDAY, FEBRUARY 12

- 1 p. m. Business meeting. Caldwell 143

## NEW YORK STATE TURKEY ASSOCIATION

President—GEORGE A. JEFFREYS, Calcium, New York  
 Vice-president—W. YATES LANSING, Rensselaer, New York  
 Secretary-treasurer—E. Y. SMITH, Ithaca, New York

### THURSDAY, FEBRUARY 14

- 10 a. m. Meeting of officers and board of directors. (Other members invited.) Office of E. Y. Smith, Poultry Building
- 11 a. m. Feeding young turkeys. A preliminary report on recent research work at the New York State College of Agriculture. G. F. Heuser. Poultry 375
- 2 p. m. Results from the five-point turkey campaign. E. Y. Smith. Poultry 375
- 2.30 p. m. Modern methods of marketing turkeys. C. H. Smith. Poultry 375
- 3.15 p. m. Election of officers. Poultry 300
- 4 p. m. The wax method of picking turkeys and poultry. E. Y. Smith and A. Van Wagenen. Poultry Killing Room

## GRANGE CONFERENCE

### WEDNESDAY, FEBRUARY 13

#### Plant Science 233

Fred J. Freestone, State Master, presiding

- 9.30 a. m. Welcome by Carl E. Ladd, Dean of the New York State Colleges of Agriculture and Home Economics Response. E. J. Walrath, Chairman of the Executive Committee of the New York State Grange
- 9.45 a. m. The importance of the secretary's work. H. M. Stanley, State Grange Secretary
- 10 a. m. The challenge of the grange. A. E. Bates
- 10.15 a. m. The State Grange service and hospitality committee. Mrs. Earl Clark
- 10.30 a. m. The lecturer's opportunity. Mrs. Stella Miller, State Grange Lecturer
- 11 a. m. Some current problems of agriculture. G. F. Warren. Bailey Auditorium
- 2 p. m. The contagion of our delusions. Charles M. Gardner, Editor of *National Grange Monthly*. Bailey Auditorium

#### Roberts Assembly

- 3 p. m. Our boys and girls. Mrs. Susan W. Freestone
- 3.15 p. m. Producing milk in England. H. E. Babcock, President, Grange League Federation Holding Corporation
- 3.30 p. m. Grange opportunities. E. R. Eastman, Editor, *American Agriculturist*
- 3.45 p. m. Presentation of the winning play of the playwriting contest sponsored by the State Grange in cooperation with the State Milk Publicity Program. By Forest City Grange

## YOUNG FARMERS' CONFERENCE

Training School for Leadership  
E. R. Hoskins, presiding

### WEDNESDAY, FEBRUARY 13

Willard Straight Hall

- 12.45 p. m. Broadcasting. Future farmers of Forestville
- 5.30 p. m. Meeting of the Advisory Council of the Association of Young Farmers of New York. S. O. Salmon, Endicott, New York, chairman

#### Agricultural Economics Auditorium

- 7.30 p. m. Young Farmers' reception and stunt night. Ralph Welker, President of the Cornell Collegiate Chapter of Young Farmers, chairman

### THURSDAY, FEBRUARY 14

- 9 a. m. Judging contests. (As scheduled.)
- 12.45 p. m. Broadcasting. Future Farmers of Gouverneur

#### Fernow 122

- 1.30 p. m. Registration of delegates. State officers in charge. Young Farmers' Headquarters
- 2 to 4 p. m. Experience in parliamentary procedures. G. A. Everett, presiding
- 4 p. m. Campus tours. (Starting from Roberts Hall.)
- 8 p. m. Eastman Stage contest. Bailey Auditorium

### FRIDAY, FEBRUARY 15

- 9 a. m. Judging contests. (As scheduled.)

#### Fernow 210

- 9.30 to 11 a. m. Planning the association meeting. Leonard McWilliams, assisted by state officers and members of the Advisory Council
- 12.45 p. m. Broadcasting. Future Farmers of Waterville
- 1 p. m. Recreation hour. Bailey Auditorium
- 2 p. m. Address. The Honorable Herbert H. Lehman, Governor of the State of New York. Bailey Auditorium

#### Plant Science 233

- 3 to 5 p. m. Eighth mid-winter meeting of the Association of Young Farmers of New York. (Branch of the Future Farmers of America.) Leonard McWilliams, President, presiding
- 5.30 p. m. Banquet for members of school judging teams and for delegates to the Young Farmers' Conference. Leonard McWilliams, toastmaster. (Reservations must be made before 10 a. m. from Lynn Wood, State Secretary and Treasurer, at Fernow 122.) Willard Straight Hall

## JOINT CORNELL INDIAN BOARDS

President—ALEX WHITE, St. Regis-Mohawk Reservation, Hogansburg, New York  
 Vice-president—JOHN K. BUTTON, Cattaraugus Reservation, Versailles, New York  
 Secretary—BERNARD PIERCE, Allegany Reservation, Killbuck, New York  
 Chairman, Homemakers' Board—Mrs. ELI HENRY, Tuscarora Reservation, Sanborn, New York  
 Vice-chairman, Homemakers' Board—Mrs. FRANKLIN DOCTOR, Tonowanda Reservation, Akron, New York  
 Secretary, Homemakers' Board—Mrs. BERTHA SCHENANDOAH, Onondaga Reservation, Nedrow, New York

### THURSDAY, FEBRUARY 14

3 p. m. Annual meeting of the Joint Cornell Boards of Farmers, Homemakers, and 4-H project leaders. Fernow Hall

## CONFERENCES BY STAFF MEMBERS

### AGRICULTURAL ENGINEERING

The members of the staff of the Department of Agricultural Engineering invite visitors to Farm and Home Week to bring to them at any time for consultation farm-engineering problems.

The time and the place of special conferences are as follows:

Ventilation by natural draft and electric fans for dairy stables, for poultry, laying, and brooding houses, for sheep and swine barns, and for apple and vegetable storages. Tuesday, Wednesday, Thursday, and Friday from 9 to 12 a. m. and 3 to 5 p. m. A. M. Goodman and F. L. Fairbanks. Ventilation Room of East Agricultural Engineering Laboratory.

Concrete-construction problems. Daily, except Saturday, from 3 to 5 p. m. J. C. McCurdy and J. J. Pellett. Concrete Room in East Agricultural Engineering Laboratory

Drainage and irrigation. Daily, except Thursday and Saturday, from 3 to 5 p. m. B. B. Robb. Room 117, Dairy Industry Building

The farm-home water-supply system. A five-year plan for running water in the home. Conference and exhibit. A. M. Goodman, Tuesday 11 a. m. to 5 p. m.; B. B. Robb, Thursday 11 a. m. to 5 p. m.; H. S. Pringle and E. L. Arnold, Wednesday and Friday 10 a. m. to 5 p. m. Martha Van Rensselaer Hall, Room G-20

Care and operation of farm tractors, spray rigs, and tillage machinery. Daily, except Saturday, from 9 a. m. to 5 p. m. B. A. Jennings and F. W. Barrett. East Agricultural Engineering Laboratory

### RURAL SOCIAL ORGANIZATION

The members of the extension staff of the Department of Rural Social Organization will be in their offices on Tuesday from 3 to 5 p. m. and on Thursday from 9 to 12 a. m. for individual conferences with Farm and Home Week visitors. The staff will be glad to confer on community problems, such as community programs in recreation, music and dramatics; planning programs for rural-community organizations; membership problems; programs for rural young people; rural-community councils; and the many other problems that may fall within the field of community organization and group-work methods.

## SPRAY-SERVICE-TROUBLE HOURS

Fruit growers who have trouble in controlling insects and diseases will have an opportunity to discuss these questions with members of the Department of Entomology and Limnology and of Plant Pathology at the spray-service-trouble hours which will be held Monday, Tuesday, and Thursday at 1 to 2 p. m. in Plant Science 141.

## STUDENT EMPLOYMENT

The winter courses close with Farm and Home Week, and a few students in the regular course in the college graduate at that time. Students from both of these groups desire farm work or jobs in related agricultural industries. Some of them have always lived and worked on farms when not in school. Others have had less farm and business experience and will want jobs where good experience, which will be their most important consideration, may be gained.

It is planned to have farmers and others meet students by appointment during the week to arrange for employment. Those who desire to hire student help should call at the Farm Practice Office, Roberts Hall, as soon as possible after arriving in Ithaca. Employers are requested to write in advance to Mr. A. W. Gibson or to Professor A. C. King.

## EXHIBITS

**Agricultural Economics**—An exhibit of electrical equipment used in farm-management analysis at five o'clock on Tuesday, Wednesday, and Thursday. Dr. Williamson will give a demonstration of the use of this equipment. Agricultural Economics B-1, B-2, B-3.

**Agricultural Engineering**—All exhibits, unless otherwise indicated, are in the Agricultural Engineering Laboratory.

**Modern house wiring:** Examples of properly installed electric wiring for lighting fixtures, switches, and outlets for connecting the modern electrical household appliances.

**Home lighting:** Two identical rooms are shown, one with good lighting and one with poor lighting. An automatic switch connects first the one and then the other.

**Farm water-supply systems:** Numerous makes of both deep and shallow-well automatic water-supply systems are set up for operation.

**Plumbing system:** Two plumbing systems are exhibited: (1) A complete plumbing system for a kitchen and a bathroom. This exhibit includes an automatic water system; an automatic electric water heater, modern plumbing fixtures, including a shower bath. (2) A simple gravity water system using a water front in the kitchen range for heating the water. In connection with this exhibit pipe fittings, valves, faucets, and tools are on display.

**Radios:** Representative types of the modern types of radios are on display. The two o'clock lectures, which are broadcast from Bailey Hall, will be received.

**Farm shop:** The work shop has in it such equipment as most farmers may find it profitable to own. The tools, the benches, and the other equipment are arranged much as they would be placed in a practical shop on a farm.

**Tractors:** The tractor exhibit consists of late models of well-known standard makes and of low pressure pneumatic tires for tractors.

**Display of types of concrete products:** Materials used in making concrete, types of waterproofing, and the grading of sand.

**Ventilation:** A display of equipment for natural-draft and electric ventilation systems for dairy stables. Models of dairy-stable and poultry-house ventilation systems. Dairy stables, calf barns, hog barns, sheep barns, poultry laying houses and brooder houses, with the ventilation systems installed may be visited to see the ventilation systems in operation.

**Original McCormick reaper:** An accurate copy of the original reaper is on display in the Agricultural Engineering Laboratory.

**Power farming machinery:** Tractor plows, large heavy-duty disc harrows, field cultivators, and spring-tooth harrows, twenty-two hoe-tractor grain drills, tractor cultivators, tractor mowers and grain binders, electric hay hoist, electric-driven-ensilage cutter, straw chopper, and feed grinder, are on display in the Farm Practice Tool Shed which is near the horse barn.

**Electric milk coolers:** Several different makes are on display in Room 141 at the east end of the Dairy Laboratory.

**Agronomy**—In various rooms in Caldwell Hall exhibits along the following lines are on display:

**Soil mapping and classification:** Maps and reports of counties where soil surveys have been completed, showing the distribution and possibilities of the various soil types encountered within a particular county. Generalized soil maps of New York State showing the extent and distribution of the main soil types of the State. Soil-productivity maps of New York showing the distribution of the main soil types of the State and their relative productivity. General maps of New York State showing the present utilization of land in various counties.

**Soil erosion:** An exhibit of some of the factors which are of chief importance in causing soils to erode and of measures which may be used to prevent erosion.

A display showing how farm layouts may be readjusted with a view to the prevention of soil erosion.

Soil profiles: Various kinds of soil profiles or exposures. One who studies such exposures can learn something about how, when he sees a soil profile, he can come to some conclusion as to the relative drainage of the soil and as to its suitability for particular crops, such as fruit.

Legume inoculation: Material showing the results on certain legumes where inoculation is used and where it is not. The factors for success or for getting a "take" of inoculation on certain well-defined soil types are exhibited.

Permanent pastures. Good and poor pasture swards. The factors important in getting good grazing swards, brought out. The results obtained from the use of fertilizers on pastures on certain well-defined-soil types.

Emergency pasture and hay plants: Some of the varieties and types of these plants. Suggestions will be available regarding the culture, values, and possibilities of them for the New York farmer who may need to employ them.

**Animal Husbandry—Beef cattle:** Visitors are welcome at an inspection of the beef-cattle barn and of the breeding and experimental animals on Thursday at 11 a. m.

Dairy cattle: Visitors are welcome at the dairy barns at all times. Those wishing to go through the barns with a guide will be accommodated at 4 p. m. on any day except Thursday, the day of the Students' livestock show. Visitors wishing to go at this time should register with Miss O'Connor, on the second floor of the Animal Husbandry Building, before 12 m. each day.

Animal nutrition: Visitors are welcome at the Laboratory of Animal Nutrition in the Dairy Building. An exhibit illustrating experimental work in progress and showing the effects of poor rations is open daily from 9 a. m. to 5 p. m.

Animal breeding: A small exhibit illustrating some points in the heredity of farm animals will be found in Room C on the second floor of the Animal Husbandry Building.

Meat and meat products: Meat and meats cut to show quality, and various methods of preparing the different cuts, are exhibited daily from 4 to 5 p. m. in the Animal Husbandry Meat Laboratory.

**Correspondence Courses—**The office of farm-study courses—to enable farmers, poultrymen, dairymen, fruit growers, vegetable gardeners, beekeepers, and others to learn the latest facts about their industries—may be found in the basement of Roberts Hall. Here the supervisor of the courses may be interviewed every morning by those who are taking, or have taken, or expect to take any of the various courses offered.

**Entomology and Zoology—**Insects that attack man, his food, his clothing, his shelter, and his crops are exhibited. Pests, such as lice, fleas, aphids, clothes moths, wire-worms, and a host of others, may be seen in all stages of development. Very small insects may be observed under microscopes which magnify them many times. The injuries caused by insects and suggestions for preventing these attacks are also displayed. The exhibit includes recently introduced pests, such as the Japanese beetle, alfalfa snout-beetle, elm weevils, the Mexican bean beetle, the European corn borer, and many specimens of odd insects from tropical countries.

Beekeeping: This exhibit includes equipment which the small honey producer and fruit grower should have, such as a two-story hive, bee-smoker, veils, gloves, hive tools, and honey-extracting outfit.

Mounted specimens of insects collected in the orchard, many of which aid pollination, as well as samples of clover and buckwheat extracted honey and clover comb honey, are exhibited.

Mammals and birds: Mounted specimens of winter birds and some of the smaller common mammals are included in the exhibit. Comstock Hall

**Forestry**—Collection of forest-tree seeds, wood specimens, and other materials in the broad field of forestry are exhibited in Fernow 118.

An exhibit on the durable species of wood for posts and the preservative treatment of farm timbers, as well as an exhibit showing the harmful effects of grazing in the woodlot, as shown in the Forestry Museum Room in the Basement of Fernow Hall.

**4-H Club Work**—Charts, pictures, literature, project records, organization material, certificates, and awards depicting the scope and the nature of the 4-H Clubs in New York State are exhibited in Roberts 232. Members of the staff are on hand daily from 9 a. m. to 5 p. m. to answer questions.

**Home Economics**—The College of Home Economics has prepared extensive exhibits relating to child care, homemade play materials, and recreation materials; foods and nutrition, including selection, buying, and preparation; clothing materials and designing; furniture selection, construction and finishing, and room arrangement. Details of these exhibits, giving time and rooms, are found in the separate homemakers program.

**Milk Publicity Exhibit**—An exhibit to illustrate the importance of milk and milk products as foods. Prepared and exhibited by the Milk Publicity Bureau, Department of Agriculture and Markets, Albany, New York. Corridor, first floor, Dairy Building.

**Plant Breeding**—In Room 49, Plant Science Building, there is a large exhibit of corn, both of entire plants and of grain. The display shows the methods used and the results attained by inbreeding and crossing strains of field corn. It includes actual specimens of inbred strains, first-generation hybrids, double crosses, top crosses, and commercial varieties. Comparison of some of the new double crosses with the best commercial varieties is shown in actual plant material as well as in charts and graphs. The results obtained by the combination of soybeans with corn for silage purposes will be of interest to dairymen. Every one interested in corn as a grain or silage crop can obtain worth-while information from this exhibit. In this room there will also be an exhibit of soybeans showing a number of varieties best suited for hay and grain or seed production.

In Room 146, are the most recent results of breeding work with oats, barley, field beans, cabbage, and soybeans. Samples of all of the recommended varieties of grain crops will be included in this exhibit. In addition, samples of certified seed of wheat, oats, barley, corn, and soybeans will be exhibited by growers and should be seen by all who are interested in the growing of these crops.

The room will be open to visitors from 9 a. m. to 5 p. m. Monday to Friday. Demonstrations by members of the Plant Breeding staff will be given from 3 to 5 p. m. each day.

**Plant Pathology**—Those who saw the plant disease exhibit last year will want to see it again; for nearly every feature of it is new. There is the laboratory filled with an exhibit pertaining to the potato-disease work conducted by the experiment stations at Geneva and at Cornell. Potato growers will be interested in the results of the experiments with silvery scurf, yellow-dwarf, seed treatments, and other lines of work conducted by the investigators.

In another laboratory are displayed the newer control measures, the results of seed treatments with chemicals, process for treating seeds with hot water, apparatus for electric sterilization of soil, a rapid method for disinfecting greenhouse soils with formalin, and other practices along this line in which the grower is interested.

Many persons in the State were poisoned this past summer from eating toadstools. An exhibit is being staged showing the differences between the edible and poisonous types of mushrooms. In connection with the exhibit two



lectures, illustrated with colored lantern slides, will be given on the subject at 3 o'clock on Tuesday and Thursday. Plant Science Building, Room 336.

Other features of the exhibit are displays of fungi which are helpful to man, and how they aid in supplying many of our every-day needs, as well as showing those which are harmful to man, animals, or industry.

No one admiring beautiful elm trees for shade can fail to be interested in the threatening Dutch elm disease which appeared suddenly and destructively in the counties adjoining New York City. The plant pathologists and entomologists have arranged a detailed exhibit of the disease, the fungus, and the beetles which disseminate the pathogene. There will be a lecture on the subject at 4 o'clock on Tuesday and Thursday in the exhibition room, 362. The exhibit is open throughout the entire week.

These exhibits will be of special educational interest for high-school students in agriculture. Teachers and their students will be given special attention in the explanation of the various exhibits.

Visitors will be personally conducted through the exhibits. The plant doctors are on hand to demonstrate and explain the various exhibits, all of which are on display during the entire week on the third floor of the Plant Science Building from 9 a. m. to 5 p. m.

**Pomology**—The usual display of apple varieties, as well as the other pomology exhibits, is found in Room 107, Plant Science Building. Varieties of excellent dessert quality, as well as those more suitable for culinary use, are shown. The old and new varieties can be compared side by side. Such new sorts as Cortland, Macoun, Golden Delicious, Starking, and Turley are receiving favorable comment this season. As there is a renewed interest in fruit planting, this will be a good opportunity to study the different varieties carefully and ask questions of the persons in charge.

The severe winter of 1933-34 did serious harm to orchards of the State. Studies have been made of the nature of this damage and typical specimens are displayed with suggestions on the future reduction of injury and the possibilities of repair. The practical bracing of crotch-injured trees should be of much interest as this is of more or less frequent occurrence and one of the important causes for loss of trees throughout the State.

A new feature of the exhibits this year is a collection of native walnuts and hickory nuts. This has been made possible through the cooperation of the state experiment stations at Geneva and Cornell University and the New York State section of the Northern Nut Growers' Association. They have arranged a contest and offered prizes for the best native nuts not already named and propagated. A collection of superior nuts from more than 300 wild or seedling trees is promised and will make this one of the most unique collections of its kind.

**Poultry**—Marketing poultry, and production of quality eggs: Shipping appliances, best methods of preparation for market and packing, crates for safest transportation and highest prices, all are exhibited in Poultry 100.

Eggs graded according to the New York State Grading Law are exhibited and explained. F. A. Jones, Supervising Inspector, New York State Department of Agriculture and Markets. Poultry 100.

Breed improvement: Methods of selecting hens, pullets, and male birds for production, by means of their external characters, are illustrated by live birds, colored charts, illuminated lantern slides, and the like, on Monday, Wednesday, and Friday in Poultry 300.

**Rural Social Organization**—Homemade play materials for the family and the community: Exhibit of play materials and games made from things available in rural homes; inexpensive recreation equipment for family and community gatherings. Cornell University 4-H Club and Family Life students in charge of the exhibit. Tuesday through Friday, 9 a. m. to 5 p. m. Martha Van Rensselaer Hall, Room G 62.

**United States Weather Bureau**—Charts and maps illustrating the collection of weather information, the preparation of weather maps, and the distribution of forecasts in New York State are exhibited in Roberts 442.

**Vegetable Crops**—Exhibit of new and promising varieties of potatoes, celery, squash, and cabbage. East Roberts, second floor, room 232

Celery-, lettuce-, and cabbage-breeding studies.

An exhibit of potato-tuber defects as defined in New York State Potato grades, and an exhibit of the potatoes to illustrate the various New York State grades.

Results of a few experiments being conducted by the Department of Vegetable Crops, including field-bean experiments on seeding and cultivation; results from the use of onion sets of different sizes and stored under various temperatures; studies on quality of carrots, large and small carrots; methods of storing squash; ways of improving color in onions; differences in strength of onions due to varieties and environment.

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