
OREGON AGRICULTURAL COLLEGE EXTENSION SERVICE

R. D. HETZEL,
Director.

Practical Lectures on Agriculture and Home Economics

(FURNISHED FREE)



The Bulletins of the Oregon Agricultural College are free to all
residents of Oregon who request them.

PRACTICAL LECTURES ON AGRICULTURE AND HOME ECONOMICS

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The Extension Service of the Oregon Agricultural College is now ready to send out charts and lantern slides on various subjects in the field of Agriculture and Home Economics, without charges except for transportation. Ten to fifteen charts make up a set. Stereopticon sets contain from forty to sixty lantern slides, plain and in colors. With each set of lantern slides or charts a lecture book explaining the pictures or material is furnished. These charts and lantern slides can be used to advantage by lecturers without special training.

The charts and slides will be sent to individuals or to organizations, such as commercial clubs, chautauquas, Farmers' Unions, Granges, farmers' clubs; or to city and county school superintendents, rural school supervisors, teachers, county agents, etc. City and county school superintendents, rural school supervisors, teachers and others may form clubs or circuits for using charts and slides and in this way reduce somewhat the express charges.

Slides and charts stimulate interest. Pictures stimulate thought, give definite facts from which to draw accurate conclusions, arouse interest in personal and local problems, entertain and educate. Experienced public speakers of today realizing the value of object lessons and practical demonstrations are vitalizing their lecture work by the use of pictures, lecture charts and other visible objects which attract the eye and hold the attention of the audience.

Impressed with the great opportunity for educational work in this direction, the Extension Service of the Oregon Agricultural College has compiled and secured lecture charts and stereopticon slides, results of the most practical experiments and investigations conducted in the last half century with soils, crops, live stock, weeds, insects and plant diseases, home economics, sanitation and other interesting subjects which directly concern agriculture, our homes and the business of the country. The Agricultural Extension Department of the International Harvester Company has furnished the Extension Service many of their sets of lantern slides and charts with their published lecture.

These educational lecture charts and stereopticon views are especially valuable to lecturers because they are simple. The speaker is enabled to present his subject clearly and logically. Every chart or slide tells an important story; the result of an authentic experiment conducted, or of a practical test made under ordinary conditions and based on facts. They are founded on principles of good business. They are designed to teach, particularly, agricultural subjects so that both farmers and business men may have the opportunity to become familiar with the results of agricultural investigation and profit by the same.

The Extension Service of the Oregon Agricultural College is not responsible for the subject matter included in the lectures, charts or lantern

slides furnished by outside organizations. Extension Specialists of the College have gone over all of the material and have eliminated certain parts that might be somewhat misleading under Oregon conditions. Other parts not strictly applicable to Oregon conditions but containing suggestions of general value have not been changed. The Extension Service will be glad to answer any specific questions not made clear in these lectures.

Lectures can be furnished on the following subjects:

No. 1. A Fertile Soil Means a Prosperous People. An object lesson in the great fundamental of agriculture. The soil. What it is. Showing the results of over fifty years of experimental work in the growing of crops and their effect upon the fertility of the soil. A one-crop system. What it means. Crop rotation, its objects and results. These charts prepared from authentic sources of information obtained from results of investigations under many conditions of soil and climate. Lecture deals with the problem of living.

No. 2. Live Stock Farming Means Permanent Agriculture. A vital problem in American farm practice. The growing of live stock, its advantages over grain farming. Maintains soil fertility. Points to diversification of crops. Conserves waste. Means greater profits. A simple yet comprehensive treatment of the importance of live-stock farming. The feeding of live stock. Compiled from actual experiments with crops and animals under ordinary conditions.

No. 3. Dairying. Importance of the Dairy and its products. Points in a dairy cow. The Babcock test. How to improve the dairy herd. Profits, etc. A very interesting lecture on a vital subject which concerns every farming community.

No. 4. Poultry for Profit. Importance of the poultry crop. Breeding, feeding and housing. Handling and marketing products. How farmers can make poultry pay.

No. 5. Weeds Mean Waste. The place of the weed as an influence in reducing farm profits. Costs United States \$300,000,000 annually. Robs the soil. Reduces yield and profit. Means wasted land and labor without return. Varieties of weeds and their distribution. How to eradicate. A lesson which carries a message to the home of every American farmer.

No. 6. Home Economics. How to live, be healthy and more efficient. Nothing concerns the standard of life more than the science of the home. A lecture of great interest.

No. 7. Dangers of the House Fly. How the common house fly spreads filth and disease. Carries typhoid and germs of other contagious diseases. Causes thousands of deaths in the United States, annually. Its life, habits and breeding places. Methods of extermination, etc. A striking lesson which should be borne to every household.

No. 8. Why Teach Agriculture in the Schools. This lecture is of vital interest to everyone because it deals with the things, which concern all the people. Can such a subject be without educational value?

Agriculture is active and constructive, scientific and industrial. It employs the hand as well as the head. It combines thought with action; awakens interest, gives purpose, teaches thrift and self-reliance; and these are the principles which underlie character, and success in life.

If rightly taught, it will develop in early life the ability to do a definite thing. It will motivize and strengthen our life's work.

No. 9. Farm Home Grounds. Their Planting and Care. Influence of the attractive home on children; a house and a home; farm buildings; outbuildings; valuable trees; neatness; where to plant; what to plant; the lawn; walks and drives; what will it cost.

No. 10. Seven-League Boots. A popular lecture sketching the rapid development of agricultural science and agricultural education in general, and the progress of the Oregon Agricultural College in particular. The views represent the College grounds, buildings and student life, glimpsing the work of over a quarter of a century.

How to obtain charts and slides. These charts and lantern slides will be sent to individuals or organizations in the State agreeing to pay express charges from any point in the State to their nearest express office. This cost will range from 25 cents to a dollar or two, depending upon the particular set desired and the point from which they would be forwarded. There will be a charge of 50 cents for any slides broken or lost. There will be no other charge.

The lecture desired should be ordered at least two weeks before date wanted since the supply is very limited. Owing to this limited supply, the Extension Service cannot promise to furnish the set requested on a given date, but will always do this whenever possible. First and second choice might be suggested in requests.

The lecture may be kept one week, or longer by special arrangements with the Extension Service.

The persons receiving these lectures are expected to report where the lectures are delivered, date, kind of meetings, attendance, name of lecturer. Report blanks will be furnished at time lectures are sent.

Send all requests to R. D. Hetzel, Director Extension Service, Oregon Agricultural College, Corvallis, Oregon.