

THE VISITOR

Devoted to the Interests of Agricultural Education in Minnesota Schools

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SENDING LIST FOR TEACHERS OF AGRICULTURE

From time to time lists have been compiled to aid teachers of agriculture to obtain materials which are free or sold at a nominal cost. The present list has been compiled by means of making a composite list from all known lists. Then a letter was sent to check all items. The materials listed below are available at the present time and are on file at the office of the Division of Agricultural Education, University Farm.

Completeness is not claimed for this list. It will be supplemented as new items are discovered. Any assistance on the part of teachers which will supplement the list or keep it up to date will be welcomed.

The materials are classified in four divisions. The first division includes charts. Somewhat arbitrarily it has been determined that a chart consists of printed or pictorial matter which has educational value and is large enough to show to a class. The second division includes teaching materials such as samples, exhibits, models, specimens. The third division includes other printed matter of educational value such as booklets, bulletins. The fourth division includes catalogues of supplies of special interest to teachers of agriculture. This last list is quite incomplete.

Division I—Charts

American Steel & Wire Co., Chicago, Ill.
Potato types, copper plated potatoes, potato scab, spraying. Chart of American wire nails.
American Aberdeen-Angus Breeders' Association, 817 Exchange Ave., Chicago, Ill.
Eight illustrations of individuals and lots.
Armour's Bureau of Agricultural Research and Economics, Union Stock Yards, Chicago, Ill.
Breed charts on sheep, swine, beef cattle, poultry.
E. C. Atkins & Co., Indianapolis, Ind.
Chart showing how to set and file a saw.
Ayrshire Breeders' Association, Brandon, Vt.
Chart of Ayrshire cow showing parts.
Blatchford Calf Meal Company, Waukegan, Ill.
Instruction chart for feeding calves
How to feed baby chicks

How to produce fall and winter eggs.
Carnation Stock Farms, Oconomowoc, Wis. Pictorial pedigree.
J. I. Case Threshing Machine Co., Racine, Wis.
Set of 12 charts on tractors and gas engine.
The Chester White Swine Record Association, Rochester, Ind.
Illustrations of outstanding individuals, 3 charts.
Corona Chemical Division of the Pittsburgh Plate Glass Co., Milwaukee, Wis.
Chart consisting of 16 colored plates illustrating insect pests and injuries caused by them.
De Laval Separator Co., 165 Broadway, New York City.
General chart on dairying.
Albert Dickinson Co., Chicago, Ill.
Digestion of yolk in chick's body
The formation of the egg and the digestive system.
Henry Disston and Sons, Inc., Tacony, Philadelphia, Pa.
Saw chart, file chart.
National Duroc-Jersey Record Association, Peoria, Ill.
Approved types of males and females.
American Guernsey Cattle Club, Peterboro, N. H.
Nine charts illustrating strong points of the Guernsey breed
Three pictures of outstanding animals.
Holstein Friesian Association of America, 230 E. Ohio St., Chicago, Ill.
Results of breeding for production.
Iowa State College of Agriculture and Mechanic Arts, Ames, Iowa.
Grading up a scrub herd of dairy cattle.
International Harvester Co., Agricultural Extension Department, 606 So. Michigan Ave., Chicago, Ill.
Sets of slides loaned through Department of Agricultural Education, University Farm, St. Paul, Minnesota.
International Stock Food Co., Minneapolis, Minn.
Charts of perfect and unsound horses.
American Jersey Cattle Club, 324 West 23rd St., New York City.
How to select a profitable dairy cow, Famous Jerseys
Colored charts of male and female Jerseys.
National Lime Association, 918 G St. N. W., Washington, D. C.

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THE STAFF

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- Five charts on cost, value, need, forms of lime.
- Department of Agriculture, State of Minnesota, St. Paul, Minn.
- Sow thistle, dodders, ox-eye daisy.
- Agricultural College Extension Service of Ohio State University, Columbus, Ohio. Poultry calendar.
- Ohio Agricultural Experiment Station, Wooster, Ohio.
- Learn to know potato diseases.
- Percheron Society of America, Union Stock Yards, Chicago, Ill.
- Set of 15 pictures, price 20c.
- Pillsbury Flour Mills, Minneapolis, Minn. Educational chart and booklet. Make application.
- National Poland China Record Association, Winchester, Ind.
- Charts of outstanding individuals and lots.
- Pratt Food Co., Philadelphia, Pa.
- Different breeds of horses.
- Monthly Poultry Calendar with colored breed illustrations.
- Chart on breed standards (No. 9).
- Colored breed illustrations (No. 10).
- Remington Arms Co., Inc., 29 Warren St., New York City.
- Chart showing game birds and animals.
- American Shropshire Registry Association, LaFayette, Ind.
- Shropshire ram, wethers, ewes (3 charts)
- Shropshire sheep. Type and general appearance.
- Simonds Manufacturing Co., Fitchburg, Mass.
- Blue print charts on knives, files, hacksaws, saws.
- Soil Improvement Committee of the National Fertilizer Association, 11 So. La Salle St., Chicago, Ill.
- Twelve charts concerning use of fertilizers.
- Stanley Rule and Level Plant, New Britain, Conn.
- Fourteen charts on parts of plane, screw driver, hammer, chisel, ratchet bit
- brace, dowel and rod turning machine, and on wood joints, rulers, cuts, use of dowelling jig, use of try square.
- State Entomologist, University Farm, St. Paul, Minn.
- Chart on injurious insects and useful birds.
- Swift & Co., Chicago, Ill.
- Cuts of beef, pork, lamb, shopping for meat (3)
- Diagrams showing weights and proportions of cuts pork, beef, lamb.
- Tobacco By-Products and Chemical Corporation, Ninth and York Sts., Louisville, Ky.
- Spraying chart with color illustrations of insects and diseases.
- Bureau of Animal Industry, U. S. Department of Agriculture.
- 10 charts Livestock-Improvement Series of Better Sires-Better Stock Campaign
- Miscellaneous charts on various phases of livestock improvement.
- Office of Agricultural Instruction, U. S. Department of Agriculture, Washington, D. C.
- Set of breed charts on horses, sheep, swine, cattle, poultry.
- Bureau of Entomology, U. S. Department of Agriculture.
- Charts on alfalfa seed chalcis fly, wheat jointworm, Hessian fly, potato spraying, aphids, potato beetles, garden cutworms, European corn borer, the brown-tail moth, the Gypsy moth.
- Wilson & Co., 4100 So. Ashland Ave., Chicago, Ill.
- Mutton and lamb cuts, pork cuts, beef cuts
- Meat and by-product chart of cattle, swine, and sheep.
- Division II—Teaching Materials**
- Acme Manufacturing Co., Forest Park, Ill. Free samples.
- Albert Dickinson Co., Chicago, Ill.
- Mount containing samples of farm seeds.
- E. C. Atkins & Co., 402 S. Illinois St., Indianapolis, Ind.
- Saw illustrating how to sharpen and also size of teeth. (Saw may be borrowed or purchased.) Directions for demonstrations.
- The Atlas Portland Cement Co., New York City.
- Set of specimens showing steps in making cement.
- Chapin & Co., 327 So. La Salle St., Chicago, Ill. Free samples.
- Corn Products Refining Co., Edgewater, N. J.
- Sets of specimens of products made from corn.

- International Stock Food Co., Minneapolis, Minn. Set of feed samples.
- S. C. Johnson & Son, Racine, Wis.
Portfolio containing panels of various finished woods.
- Ladish Milling Co., Milwaukee, Wis.
Set of feed samples.
- Morris & Company, Chicago, Ill.
Set of fertilizer samples.
- Purina Mills, 835 S. Eighth St., St. Louis, Mo. Feed samples.
- Quaker Oats Co., Cedar Rapids, Iowa.
Feed samples.
- Bureau of Soils, U. S. Department of Agriculture.
Important soils of the United States.
Samples from all important soil provinces in vials.
Make application for these sets, to Office of Agricultural Instruction, U. S. D. A., Washington, D. C.
- Swift & Co., Chicago, Ill.
Set of fertilizer samples.
- Division III—Printed Matter of Educational Value**
- American Aberdeen-Angus Breeders' Association, 817 Exchange Ave., Chicago, Ill.
- American Steel and Wire Co., 208 So. LaSalle St., Chicago, Ill.
- Armour's Bureau of Agricultural Research and Economics, Union Stock Yards, Chicago, Ill.
- E. C. Atkins & Co., Indianapolis, Ind.
- Ayrshire Breeders' Association, Brandon, Vt.
- American Association of Importers and Breeders of Belgian Draft Horses, Wabash, Ind.
- American Berkshire Association, 510½ East Monroe St., Springfield, Illinois.
- Blatchford Calf Meal Company, Waukegan, Ill.
- Carnation Milk Farms, Oconomowoc, Wis.
- J. I. Case Threshing Machine Co., Racine, Wis.
- Chapin & Co., 327 So. La Salle St., Chicago, Ill.
- Chester White Swine Record Association, Rochester, Ind.
- American Cheviot Sheep Society, Hartwick, N. Y.
- American Clydesdale Association, 842 Exchange Ave., Union Stock Yards, Chicago, Ill.
- Consolidated Products Co., 4750 Sheridan Road, Chicago, Ill.
- Columbian Rope Company, Auburn, N. Y.
- Corona Chemical Division of the Pittsburgh Plate Glass Co., Milwaukee, Wis.
- The David Maydole Hammer Co., Norwich, N. Y.
- De Laval Separator Co., 165 Broadway, New York City.
- Diamond Crystal Salt Co., St. Clair, Mich.
- Albert Dickinson Company, Chicago, Ill.
- Henry Disston & Sons, Inc., Tacony, Philadelphia, Pa.
- Continental Dorset Club, Hickory, Pa.
- National Duroc Breeders' Association, Peoria, Ill.
- National Fertilizer Association, Soil Improvement Committee, Northern Division, Chicago, Ill.
- Ford Motor Co., Detroit, Mich.
- American Guernsey Cattle Club, Peterboro, N. H.
- The Hampshire Swine Record Association, 409 Wisconsin Ave., Peoria, Ill.
- The American Hampshire Sheep Association, 72 Woodland Ave., Detroit, Mich.
- The American Hereford Cattle Breeders' Association, 300 West Eleventh St., Kansas City, Mo.
- Holstein Friesian Association of America, 230 E. Ohio St., Chicago, Ill.
- International Harvester Co., Agricultural Extension Department, 606 So. Michigan Ave., Chicago, Ill.
- American Jersey Cattle Club, 324 W. Twenty-third St., New York City.
- John Deere, Moline, Ill.
- M. M. Johnson Co., Clay Center, Neb.
- American Leicester Breeders' Association, Cameron, Ill.
- American and Delaine Merino Record Association, eDlaware, Ohio
- Agricultural Extension Service of Ohio State University, Columbus, Ohio.
- The American Poland China Record Association, Union Stock Yards, Chicago, Ill.
- J. E. Porter Corporation, Ottawa, Ill.
- Portland Cement Association, Metropolitan Bank Building, Minneapolis, Minn.
- Pratt Food Co., 124-130 Walnut St., Philadelphia, Pa.
- Purina Mills, 835 S. Eighth St., St. Louis, Mo.
- Sharples Separator Co., West Chester, Pa.
- The Sherwin Williams Co., Cleveland, Ohio.
- American Shorthorn Breeders' Association, 13 Dexter Park Ave., Chicago, Ill.
- Simonds Saw and Steel Co., Fitchburg, Mass.
- Swift and Company, Chicago, Ill. Yearbooks '21-'26.
- Tobacco By-Products and Chemical Corporation, Louisville, Ky.
- Whitlock Cordage Co., 46 South St., New York.

Division IV—Catalogues of Special Interest to Teachers of Agriculture

Central Scientific Co., 460 E. Ohio St., Chicago, Ill.

Apparatus for agriculture and biology. Chicago Apparatus Company, 1735-1743 N. Ashland Ave., Chicago, Ill.

Scientific Apparatus and supplies. Cambridge Botanical Supply Co., Waverly, Mass.

Physical, biological, chemical equipment. Gaylord Bros., 155 Gifford St., Syracuse, N. Y. Library supplies.

Live Stock Photo Co., Union Stock Yards, Chicago, Ill.

Keystone View Company, Meadville, Pa. Lantern slides.

Kny Scherer Corporation of America, 119-125 Seventh Ave., New York.

Natural science supplies and apparatus. Louis F. Nafis, Inc., 23 North Desplaines St., Chicago, Ill.

Apparatus for testing milk and its products.

John C. Nichols Co., Sheboygan, Wis. Harness

A. J. Nystrom & Co., 2249-53 Calumet Ave., Chicago, Ill. Maps.

The Perry Picture Company, Malden, Mass. Catalogue of pictures (15c).

Rand McNally & Co., 536 South Clark St., Chicago, Ill. Maps.

Stanley Rule and Level Plant, New Britain, Conn. Tools.

The Tablet & Ticket Co., 1015-1021 W. Adams St., Chicago, Ill.

Ward's Natural Science Establishment, 84-102 College Ave., Rochester, N. Y.

Entomological, biological, zoological supplies.

W. M. Welch Scientific Company, 1516 Orleans St., Chicago, Ill.

Biological and agricultural apparatus and supplies.

In addition to the above list of catalogs it is suggested that other catalogs may be of use to teachers of agriculture. These are, catalogs of mail order houses, school supply firms, publishers of agricultural books, seed firms.

There is almost an unlimited amount of printed matter on farm machinery. There are two farm implement directories published by the two following firms:

Implement and Tractor Trade Journal
601 Graphic Arts Bldg., Kansas City, Mo.

Midland Publishing Company, 804 Pine St., St. Louis, Mo.

These directories list and classify the manufacturers of farm implements.

F. W. L.

M. E. A.

The Agriculture Program

The Agricultural Section of the Minnesota Educational Association will meet Friday afternoon, November 5, 1926. The regular program will begin at 9:00 a.m. and continue to 12:00, and will be followed immediately by a luncheon at which the program will be continued. Following the custom of having one out-of-state speaker on the program, an invitation has been extended to Professor E. H. Jones, Professor and State Supervisor of Agricultural Education of North Dakota, and he has accepted. The title of Professor Jones' address has not yet been announced, but it will relate to the problems in which the teachers of agriculture are all interested.

The program throughout the meeting concerns itself with those features of the teaching of agriculture upon which the state supervisor and the state teacher training department are placing special emphasis for the current year. Among these items to be emphasized are the making of the local agriculture curriculum, the utilization of tests, the improvement in reading ability, and the teaching of the third year course. To meet a demand that seems to exist quite generally in the state, one of the program topics will deal with what to teach the vocational agriculture classes in agricultural economics and farm management and what methods to use in teaching this subject.

An opportunity will be given to each man present to report on such of his experiences in the past as have convinced him that certain things are worth doing. An opportunity will also be given for each to suggest something which we are not doing in Minnesota but which we probably ought to be doing.

At the close of the formal forenoon program, the members will have luncheon together at which there will be an informal program. The meeting from 9:00 to 12:00 will be held in the Banquet Room, second floor of the St. Francis Hotel, at Wabasha and Seventh Streets, St. Paul, and the luncheon meeting in the Gopher Room in the basement of the same building. The program as planned will be very full, and it will be necessary to begin promptly at 9:00 o'clock. Holding the two meetings in one building will be an improvement over past years as it will save time and, in case of inclement weather, save exposure.

A. V. S.