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FOREWORD

Each year the University compiles and issues a list of the publications of its faculty members. The present volume covers 1940-41. In looking through this bibliography I am impressed, as always, by the range of the scholarly interests represented. Here is the evidence that a university, and the University of Minnesota in particular, can be a powerful influence in the intellectual life of a state or nation.

But this year this compilation impresses me in another way. The country is at war, fighting in a deadly struggle. And what is this fighting for? I think that in a real and concrete way this list of faculty publications provides one impressive answer: we are fighting in order that a way of life may survive that will permit the continued free and untrammelled study of just the kind of problems that these books and articles represent. No one has told a single author represented here what he must write or think; no one has told a single author included between these covers that his ideas are politically unacceptable. To the contrary—every line written by these scholars represents his own approach to the problem he is considering—restricted only by the canons of scholarship and intellectual integrity that must dominate if free scholarship is to prevail.

I take pride in these publications because of what they are in themselves; I take greater pride in them because to me they symbolize the freedom of thought that characterizes the democratic way of life. This volume should engender in all of us a better understanding of what we are struggling for, and a deeper appreciation of the fact that the struggle is worth all the sacrifices it may impose.

W. C. COFFEY, *President*

PUBLICATIONS OF THE FACULTIES

ADMINISTRATION

GUY STANTON FORD, Ph.D., LL.D., Litt.D., L.H.D., President of the University of Minnesota

"George Edgar Vincent memorial address, 'The Minnesota Period.'" Pages 25-33 in *Addresses Delivered at the Memorial Services Held May 19, 1941, at the New York Academy of Medicine*. Stamford, Connecticut: Overbrook Press. 1941.

"Foreword." Pages 2-3 in *Addresses Delivered at Dedication Exercises of Health Service Building*. Minneapolis: University of Minnesota. November 10, 1939.

"Foreword." Pages xv-xvi in Carl Stephenson, *A Brief Survey of Mediaeval Europe*. New York: Harper and Brothers. 1941.

"Foreword." Pages xi-xii in Tom B. Jones, *Short History of Ancient Civilization*. New York: Harper and Brothers. 1941.

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"Open convocation address." University of Minnesota, October 3, 1940. *Minnesota Alumni Weekly*, 40:76-77. October 12, 1940; *Minnesota Chats*, 23:1-4. October 22, 1940.

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Editor

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MALCOLM M. WILLEY, Ph.D., University Dean and Assistant to the President

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Edgar W. Knight, *What College Presidents Say in Annals of the American Academy of Political and Social Science*, 210:178. July, 1940.

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Helen MacGill Hughes, *News and the Human Interest Story*, *ibid.*, 211:242. September, 1940.

Paul F. Lazarsfeld, *Radio and the Printed Page*, *ibid.*, 213:190. January, 1941.

COLLEGE OF SCIENCE, LITERATURE, AND
THE ARTS

ADMINISTRATION

JOHN T. TATE, Ph.D., D.Sc., Dean of the College of Science, Literature, and the Arts and Professor of Physics

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Editor

Physical Review, 1940-41.

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T. RAYMOND MCCONNELL, Ph.D., Associate Dean of the College of Science, Literature, and the Arts and Professor of Educational Psychology

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CLAYTON D'A. GERKEN, M.S., Instructor, and Assistant to the Assistant Dean for Students' Work

Minnesota Occupational Rating Scales and Profile (with D. G. Paterson and M. E. Hahn). Chicago: Science Research Associates. 1941. 125 pages.

ANTHROPOLOGY

WILSON D. WALLIS, Ph.D., Professor of Anthropology and Chairman of the Department of Anthropology

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WALTER B. CLINE, Ph.D., Assistant Professor of Anthropology

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DAVID G. MANDELBAUM, Ph.D., Instructor in Anthropology

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LLOYD A. WILFORD, LL.B., Ph.D., Junior Archeologist

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ASTRONOMY

WILLEM J. LUYTEN, Ph.D., Professor of Astronomy and Chairman of the Department of Astronomy

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C. OTTO ROSENDAHL, Ph.D., Professor of Botany and Chairman of the Department of Botany

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GEORGE O. BURR, Ph.D., LL.D., Professor of Botany and Physiological Chemistry

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FREDERIC K. BUTTERS, Ph.D., Professor of Botany

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LAURENCE S. MOYER, Ph.D., Assistant Professor of Botany

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A. ORVILLE DAHL, Ph.D., Teaching Assistant in Botany

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JACK E. MYERS, Ph.D., Assistant in Botany

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RICHARD O. BELKENGREN, B.S., Research Assistant, Rockefeller Foundation

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JOSEPH NICHOLS, B.S., Research Assistant, Rockefeller Foundation

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IRVING I. RUSOFF, M.S., Research Assistant, National Livestock and Meat Board and Rockefeller Foundation

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HAROLD G. LOEB, Ph.D., Research Fellow, National Livestock and Meat Board

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J. PETER KASS, Ph.D., Associate Chemist, Hormel Foundation

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JOHN W. MOORE, Ph.D., Associate Botanist

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FRANK A. NORRIS, Ph.D., Associate Chemist, Rockefeller Foundation

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"A study of diometry" (with J. P. Kass and G. O. Burr). *Ibid.*, 18:29-30. 1941.

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ROBERT A. PHILLIPS, B.S., Junior Botanist

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MARBURY B. OGLE, Ph.D., Professor of Classics and Chairman of the Department of Classics

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ROBERT V. CRAM, Ph.D., Assistant Professor of Classical Languages

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JOHN L. HELLER, Ph.D., Assistant Professor of Classics

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ENGLISH

JOSEPH W. BEACH, Ph.D., Professor of English and Chairman of the Department of English

American Fiction. New York: Macmillan Company. 1941. 371 pages.

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JOSEPH M. THOMAS, Ph.D., Professor of English and Assistant Dean for the Senior College

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TREMAINE MCDOWELL, Ph.D., Professor of English

Review of George Boas, editor, *Romanticism in America* in *American Literature*, 13: 81-82. 1941.

CECIL A. MOORE, Ph.D., Professor of English

"Poetry from 1660-1880." Pages 169-72 in F. W. Bateson, editor, *The Cambridge Bibliography of English Literature*, Vol. 2. Cambridge, England. 1941.

ELMER E. STOLL, Ph.D., Litt.D., Professor of English

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HUNTINGTON BROWN, Ph.D., Associate Professor of English

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JAMES T. HILLHOUSE, Ph.D., Associate Professor of English

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CHARLES W. NICHOLS, Ph.D., Associate Professor of English

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ELIZABETH ATKINS, Ph.D., Assistant Professor of English

Holy Suburb. New York: E. P. Dutton and Company. 1941. 348 pages.

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JOHN T. FLANAGAN, Ph.D., Assistant Professor of English

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ELIZABETH JACKSON, Ph.D., Assistant Professor of English

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ANNA A. VON HELMHOLZ-PHELAN, Ph.D., Assistant Professor of English
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FRED E. WETHERILL, Field Agent in Agricultural Economics

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JAMES B. TORRANCE, B.S., Assistant Professor of Agricultural Engineering

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PAUL E. MILLER, M.S., Professor and Director of Agricultural Extension

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THEODORE A. ERICKSON, B.S., Associate Professor Emeritus of Agricultural Extension

Guide Posts for Local 4-H Leaders. Minneapolis: General Mills, Inc. 1941. 64 pages.

ARTHUR J. KITTLESON, B.S., Associate Professor of Agricultural Extension and State Leader Boys' and Girls' Clubs

4-H Club Leaders' Manual. (Revised.) University of Minnesota Agricultural Extension Bulletin No. 18. 1940. 40 pages.

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HAROLD R. SEARLES, B.S., Associate Professor of Agricultural Extension and Extension Dairyman

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Articles for daily and weekly newspapers on various phases of dairy extension and herd improvement work. 1940-41.

PARKER O. ANDERSON, B.S., Assistant Professor of Agricultural Extension and Extension Forester

Market for Forest Products Grown on Minnesota Farms. University of Minnesota Agricultural Extension Pamphlet No. 69. 1940. 12 pages.

Pruning Young Windbreak Trees (with C. M. Kaufman). University of Minnesota Agricultural Extension Folder No. 91. 1940. 6 pages.

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Mimeographed and multigraphed material for use in carrying on the forestry project in the various counties. 1940-41.

About 35 news articles for various country papers, extension news and daily papers during the year on seasonal phases of various forestry practices and projects. 1940-41.

WILLIAM A. BILLINGS, D.V.M., Assistant Professor of Agricultural Extension and Extension Veterinarian

Talking Turkey. (Revised.) University of Minnesota Agricultural Extension Bulletin No. 124. 1940. 32 pages.

Common Diseases of Turkeys. University of Minnesota Agricultural Extension Bulletin No. 214. 1940. 20 pages.

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Turkey News Letter. Issued monthly. 1940-41. 2 multigraphed pages.

EVA L. BLAIR, B.S., Assistant Professor of Agricultural Extension and Extension Nutritionist

Monthly subject-matter release for the "Home and Family." *News Letter*, sent to 500 weekly papers in Minnesota, 1940-41.

Publicity articles for use in counties, also series of articles for newspapers of state. Multigraphed and mimeographed subject material for nutrition project, to be used in counties carrying project.

SPENCER B. CLELAND, M.S., Assistant Professor of Agricultural Extension and Extension Economist in Farm Management

Summary of the 1939-40 Minnesota 4-H Western Lamb Feeding Project (with W. E. Morris and N. J. Goodwin). University of Minnesota Agricultural Extension Division Form BR-10. 1940. 8 mimeographed pages.

CORA COOKE, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Poultry

Poultry Housing. (Revised.) University of Minnesota Agricultural Extension Bulletin No. 121. 1940. 20 pages.

Straw Loft Poultry House Plan. University of Minnesota Agricultural Extension Pamphlet No. 68. 1940. 8 pages.

Poultry News Letter and Record Farms Report. Issued monthly. 1940-41. 2 mimeographed pages.

Monthly subject-matter release for the "Home and Family." *News Letter*, sent to 500 weekly papers in Minnesota. 1940-41.

Advance and follow-up publicity prepared for newspapers in counties where poultry project is being carried.

News items for papers on various phases of state extension poultry work.

RALPH F. CRIM, B.S., Assistant Professor of Agricultural Extension and Extension Agronomist

Commercial and Experiment Station Corn Yield Trials, 1940. University of Minnesota Agricultural Extension Pamphlet No. 75. 1940. 31 pages.

Editor, *Minnesota Seed Grower.* Issued bimonthly. 1940-41.

Outline—Rules and regulations Minnesota five-acre corn contest. 1 printed page.

WILLIAM H. DANKERS, Ph.D., Assistant Professor of Agricultural Extension and Extension Economist in Marketing

A Survey of Cooperative Creameries in West Central Minnesota, 1939 (with E. T. Baughman). University of Minnesota Agricultural Extension Pamphlet No. 70. 1940. 30 pages.

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Dairy Products—Fats and Oils. University of Minnesota Agricultural Extension Division Form M-11. 1941. 11 mimeographed pages.

BELLE O. FISH, M.S., Assistant Professor of Agricultural Extension and Extension Specialist in Family Relationships

"Needed—a strong family life program." *Extension Service Review*, Vol. 11, No. 4, p. 50. 1940.

Mimeographed outlines and subject-matter material for use in family relationships projects.

EDWIN A. HANSON, B.S., Assistant Professor of Agricultural Extension and Extension Dairyman

Feeding the Dairy Herd (with J. B. Fitch, H. R. Searles, and R. D. Leighton). (Revised.) University of Minnesota Agricultural Extension Bulletin No. 218. 1941. 86 pages.

Dairy Herd Improvement Annual Summary (with R. D. Leighton, H. R. Searles, and D. F. Seeling). University of Minnesota Agricultural Extension Division. 1940. 43 mimeographed pages.

INEZ M. HOBART, M.A., Assistant Professor of Agricultural Extension and Extension Nutritionist

Home Canning Fruits and Vegetables. University of Minnesota Agricultural Extension Folder No. 100. 1941. 8 pages.

Monthly subject-matter release for the "Home and Family." *News Letter* sent to 500 weekly papers in Minnesota. 1940-41.

Multigraphed and mimeographed outlines and subject material for leaders and members to be used by counties carrying the nutrition project.

JAMES B. McNULTY, M.S., Assistant Professor of Agricultural Extension and Extension Economist in Farm Management

Planning the Farm Business. University of Minnesota Agricultural Extension Division. 1941. 20 mimeographed pages.

"A comparison of the leadership of owner and tenant-operator families in agricultural extension projects." *Farm Business Notes*, No. 212, page 3. August, 1940.

MARY M. MILLER, M.S., Assistant Professor of Agricultural Extension and Extension Economist in Home Management

"Promoting home safety." *Minnesota Journal of Education*, 22:295-96. March, 1941. Monthly subject-matter release for the "Home and Family." *News Letter*, sent to 500 weekly papers in Minnesota. 1940-41.

Advance and follow-up publicity prepared for newspapers in counties where home management project is being carried.

Mimeographed leaflets on subject matter relative to home management project.

WILLIAM E. MORRIS, M.S., Assistant Professor of Agricultural Extension and Extension Animal Husbandman

Sheep on Minnesota Farms (with P. A. Anderson). (Revised.) University of Minnesota Agricultural Extension Bulletin No. 141. 1940. 24 pages.

Sheep Equipment (with H. G. Zavoral). University of Minnesota Agricultural Extension Bulletin No. 215. 1940. 16 pages.

Stomach Worms in Sheep. (Revised.) University of Minnesota Agricultural Extension Folder No. 42. 1940. 4 pages.

Summary of the 1939-40 Minnesota 4-H Western Lamb Feeding Project (with S. B. Cleland and N. J. Goodwin). University of Minnesota Agricultural Extension Division Form BR-10. 1940. 8 mimeographed pages.

Your Sheep Business. A news letter issued bimonthly. 1 mimeographed page.

News items for newspapers on various phases of animal husbandry extension work.

GEORGE H. NESOM, B.S., Assistant Professor of Soils and Extension Specialist in Soils

"Applying soil-building material." Pages 4-7 in *Establishing Conservation Farming under the A.A.A.* University of Minnesota Agricultural Extension Pamphlet No. 74. 1941.

Mimeographed material on fertilizers for the garden and lawn. 1940.

RAYMOND C. ROSE, M.S., Assistant Professor of Agricultural Extension and Extension Plant Pathologist

How To Control Bacterial Ring Rot (with C. J. Eide). University of Minnesota Agricultural Extension Folder No. 95. 1941. 8 pages.

Miscellaneous mimeographed subject-matter material on:

4-H potato growing project.

Disinfecting potato root cellars and warehouses.

Seed treatments for vegetables.

Treat flower seeds for better stands.

Disease-resistant varieties of vegetables.

EVES E. WHITFIELD, B.S., Assistant Professor of Agricultural Extension and Extension Specialist in Clothing

Monthly subject-matter release for the "Home and Family." *News Letter*, sent to 500 weekly papers in Minnesota. 1940-41.

Monthly subject-matter release for "Farm Security Notes." *Ibid.* 1940-41.

Advance and follow-up publicity prepared for newspapers in counties where clothing project is being carried.

Multigraphed and mimeographed outlines and subject matter relative to clothing project work.

HENRY G. ZAVORAL, B.S., Assistant Professor of Agricultural Extension and Extension Animal Husbandman

Livestock Judging for Beginners (with C. C. Chase). University of Minnesota Agricultural Extension Bulletin No. 211. 1940. 24 pages.

Sheep Equipment (with W. E. Morris). University of Minnesota Agricultural Extension Bulletin No. 215. 1940. 15 pages.

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Results of Minnesota 4-H ton litter contest (with N. J. Goodwin). 1940. 2 mimeographed pages.

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ERNEST T. BAUGHMAN, B.S., Instructor in Agricultural Extension and Extension Assistant Economist in Marketing

A Survey of Cooperative Creameries in West Central Minnesota, 1939 (with W. H. Dankers). University of Minnesota Agricultural Extension Pamphlet No. 70. 1940. 30 pages.

A Survey of the Egg and Poultry Marketing Enterprise and Cooperative Creameries in West Central Minnesota, 1939 (with W. H. Dankers). University of Minnesota Agricultural Extension Pamphlet No. 71. 1940. 12 pages.

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WALLACE W. BROOKINS, Ph.D., Instructor in Agricultural Extension and Extension Agronomist

Soybeans for Minnesota (with A. C. Arny and R. E. Hodgson). (Revised.) University of Minnesota Agricultural Extension Bulletin No. 134. 1940. 12 pages.

CLIFFORD E. CAIRNES, B.S., Instructor in Agricultural Extension and Rural Youth Agent

Preparing and Giving a 4-H Club Demonstration. University of Minnesota Agricultural Extension Division Form B-18. 1941. 8 multigraphed pages.

RUBY CHRISTENSON, B.S., Instructor in Agricultural Extension and Rural Youth Agent

Older Youth in Rural Minnesota. University of Minnesota Agricultural Extension Pamphlet No. 78. 1941. 21 pages.

NORTON C. IVES, M.S., Instructor in Agricultural Extension and Extension
Agricultural Engineer

Storing the 1941 Wheat Crop. University of Minnesota Agricultural Extension Pamphlet No. 80. 1941. 8 pages.

Electric Motors for the Farm (with A. Hustrulid). University of Minnesota Agricultural Extension Bulletin No. 221. 1941. 20 pages.

"Electric brooders." *Agricultural Engineering News Letter*, No. 111. June, 1941.

PAUL C. JOHNSON, B.A., Instructor in Agricultural Extension and Extension
Specialist in Publicity

Editor, *News Letter* (with H. L. Harris). Weekly clip sheet of University Farm publicity, issued for Minnesota newspapers. 1940-41.

Educational articles for newspapers and periodicals on agricultural and news subjects.

CHARLOTTE KIRCHNER, B.S., Instructor in Agricultural Extension and Extension
Specialist in Home Furnishings

Monthly subject-matter release for the "Home and Family." *News Letter*, sent to 500 weekly papers in Minnesota. 1940-41.

Mimeographed subject material for home furnishing project to be used in counties carrying project.

RAMER D. LEIGHTON, B.S., Instructor in Agricultural Extension and Extension
Dairyman

Feeding the Dairy Herd (with J. B. Fitch, H. R. Searles, and E. A. Hanson). (Revised.) University of Minnesota Agricultural Extension Bulletin No. 218. 1941. 86 pages.

Throw the C.T.A. Searchlight on Your Herd. (Revised.) University of Minnesota Agricultural Extension Folder No. 56. 1941. 4 pages.

Dairy Herd Improvement News Letter. Issued monthly. 4 to 6 mimeographed pages.

Dairy Herd Improvement Annual Summary (with H. R. Searles, E. A. Hanson, and D. F. Seeling). University of Minnesota Agricultural Extension Division. 1940. 43 mimeographed pages.

News items for newspapers on various phases of dairy extension and herd improvement work. 1940-41.

HERBERT L. PARTEN, B.S., Instructor in Agricultural Extension and Extension
Entomologist

Vegetable Garden Insects. (Revised.) University of Minnesota Agricultural Extension Folder No. 32. 1941. 8 pages.

J. CLARK RHODES, B.M., B.A., Instructor in Music

Mimeographed leaflets on music in rural youth project. 1940-41.

MILDRED SCHENCK, B.S., Instructor in Agricultural Extension and State
Club Agent

Cake and Cookie Project. (Revised.) University of Minnesota Agricultural Extension Bulletin No. 12. 1940. 12 pages.

Mimeographed subject-matter material. 1940-41.

AMY WESSEL, B.S., Instructor in Agricultural Extension and State Club
Agent

Editor, *4-H News Letter.* Issued monthly. 1940-41. 10 mimeographed pages.

Mimeographed subject material on various 4-H club projects. 1940-41.

MYRON L. ARMOUR, B.S., Extension Specialist in Agricultural Conservation

"Seedings and pasture improvement." Pages 8-11 in *Establishing Conservation Farming under the AAA.* University of Minnesota Agricultural Extension Pamphlet No. 74. 1941.

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