



# Wortman (L. Sterling) papers

---

This finding aid was produced using ArchivesSpace on November 01, 2016.  
Describing Archives: A Content Standard

Rockefeller Archive Center

15 Dayton Avenue  
Sleepy Hollow 10591

[archive@rockarch.org](mailto:archive@rockarch.org)

URL: <http://www.rockarch.org>

---

## Table of Contents

---

Summary Information .....	3
Biographical / Historical .....	3
Scope and Contents .....	4
Arrangement .....	4
Administrative Information .....	5
Collection Inventory .....	5
Office Files .....	5
Publications and Speeches .....	8

## Summary Information

<b>Repository:</b>	Rockefeller Archive Center
<b>Creator - aut:</b>	Wortman, Sterling, 1923-1981
<b>Title:</b>	L. Sterling Wortman papers
<b>ID:</b>	FA1121
<b>Date [inclusive]:</b>	1950, 1956, 1958-1959, 1964-1981
<b>Physical Description:</b>	4.84 Cubic Feet 11 document boxes
<b>Language of the Material:</b>	English

### Preferred Citation

Information regarding the Rockefeller Archive Center's preferred elements and forms of citation can be found at <http://www.rockarch.org/research/citations.php>

[^ Return to Table of Contents](#)

## Biographical / Historical

Sterling Wortman began his career with the Rockefeller Foundation (RF) as a plant geneticist with the Mexican Agricultural Program (MAP). He went on to become a leading figure in the Foundation's efforts to establish international agricultural research institutes in the 1960s and 1970s.

Wortman was born in Quinlan, Oklahoma on April 3, 1923. He earned his B.S. in agronomy from Oklahoma State University (1943) and Ph.D. in plant breeding and genetics from the University of Minnesota (1950). In 1950, Wortman was hired as a corn breeder in the Mexican Agricultural Program's corn improvement program. He left the MAP in 1955 to head the Plant Breeding Department at the Pineapple Research Institute in Honolulu, Hawaii, and returned to the RF in 1960.

In the 1960s and 1970s the Rockefeller and Ford Foundations collaborated in creating several international agricultural research institutes to carry out MAP's pioneering agricultural work on a global scale. Wortman played a central role in these efforts. He helped launch the International Rice Research Institute (IRRI) in the Philippines, focused on researching and re-engineering the rice plant to increase rice production, and served as the IRRI's Assistant Director (1960-1962) and Associate Director (1962-1964). In his 1992 book *An Adventure in Applied Science: A History of the International*

Rice Research Institute, IRRI Founding Director Robert F. Chandler, Jr. emphasized that "Wortman's contribution to the progress of IRRI in those early years cannot be overestimated."

The Foundation's success with IRRI spurred the development of additional international agricultural institutes and organizations. After his appointment as the RF's Director for Agricultural Sciences in 1966, Wortman helped reorganize the International Maize and Wheat Improvement Center (CIMMYT) in Mexico as private corporation. The move dramatically improved the Center's funding and efficacy. He helped establish the Consultative Group on International Agricultural Research (CGIAR) in 1971, which served to mobilize and coordinate public and private funding for international research centers. And after becoming a RF Vice-President in 1970, Wortman helped establish the International Agricultural Development Service (IADS), which worked to strengthen agricultural programs in developing nations. He served as the President of IADS from 1975 to 1979.

Wortman assumed the role of the Foundation's Acting President after the death of President John H. Knowles in March 1979. He left his full-time work with the RF after Stanford University President Richard W. Lyman was appointed President in 1980.

Sterling Wortman died of cancer in 1981 at the age of 58.

[^ Return to Table of Contents](#)

---

## Scope and Contents

---

Type of records include: Reports, publications, newspaper articles, correspondence, reprints, speeches, and a manuscript

[^ Return to Table of Contents](#)

---

## Arrangement

---

Original Order

[^ Return to Table of Contents](#)

## Administrative Information

---

### Publication Statement

Rockefeller Archive Center

15 Dayton Avenue

Sleepy Hollow 10591

[archive@rockarch.org](mailto:archive@rockarch.org)

URL: <http://www.rockarch.org>

### Conditions Governing Access

Open for research with select materials restricted as noted. Brittle or damaged items are available at the discretion of RAC. Researchers interested in accessing digital media (floppy disks, CDs, DVDs, etc.) or audiovisual material (audio cassettes, VHS, etc.) in this collection must use an access surrogate. The original items may not be accessed because of preservation concerns. To request an access surrogate be made, or if you are unsure if there is an access surrogate, please contact an archivist.

### Processing Information

Standard Processing by Beth Jaffe-Davis, 2016

[^ Return to Table of Contents](#)

## Collection Inventory

---

### Office Files, 1950, 1956, 1958-1959, 1964-1965, 1967-1969, 1972-1981

Title/Description	Instances	
Rolodex, NY Office, 1974 October 15, 1979	box 1	folder 1
Boyce Thompson Institute for Plant Research, Inc. (BTI), 1980	box 1	folder 2
Centro Internacional de Agricultura Tropical (CIAT), 1980	box 1	folder 3
Centro Internacional de Mejoramiento de Maiz Y Trigo (CIMMYT), 1980	box 1	folder 4
Centro Internacional de Mejoramiento de Maiz Y Trigo (CIMMYT), Publications, 1976-1977, 1980	box 1	folder 5

Centro Internacional de la Papa (CIP) (International Potato Center), 1980	box 1	folder 6
Ford Foundation, 1980	box 2	folder 7
International Agricultural Development Service (IADS), 1977, 1979-1981	box 2	folder 8
International Agricultural Development Service (IADS), Pamphlets, 1976, 1978-1979	box 2	folder 9
International Development Research Centre (IDRC), 1975, 1977, 1979-1980	box 2	folder 10
International Food Policy Research Institute (IFPRI), 1977, 1979-1980	box 2	folder 11
International Institute of Tropical Agriculture (IITA), 1977, 1980	box 2	folder 12
International Service for National Agricultural Research (ISNAR), 1980	box 2	folder 13
Japan, 1978, 1980	box 2	folder 14
Charles F. Kettering Foundation, 1979-1981	box 2	folder 15
Monell Chemical Senses Center, 1980	box 2	folder 16
Nepal, 1980-1981	box 3	folder 17
Rockefeller Foundation, Work, 1973, 1975, 1977, 1980	box 3	folder 18
U. S. Aid, 1980 June 10	box 3	folder 19
World Bank, 1973, 1980	box 3	folder 20
Dominican Republic, 1980	box 3	folder 21
People's Republic of China, 1972, 1974-1980	box 3	folder 22-23
People's Republic of China, Negatives and Slides, 1976	box 3	folder 24
Taiwan, 1978-1980	box 4	folder 25-26
Situation, 1979-1980	box 4	folder 27
Foreign Investment, 1980	box 4	folder 28
Business People, 1980	box 4	folder 29
Inflation, 1980 June 22	box 4	folder 30
Productivity	box 4	folder 31
Trade, 1980 December 11	box 4	folder 32
Business International Corporation, 1981	box 4	folder 33
Booker Agricultural International (BAI)	box 4	folder 34
IBEC, 1980-1981	box 4	folder 35
Monetary, 1980		

	box 4	folder 36
Biology, Reprints by the Pioneer Research Staff, 1972, 1974, 1976-1980	box 4	folder 37
Population, 1980	box 4	folder 38
Development Oriented Crops Literature, 1976, 1978-1979	box 5	folder 39
Technical Advisory Committee, 1980	box 5	folder 40
Borlaug, Norman E., 1965, 1972	box 5	folder 41
Harrar, George, 1979	box 5	folder 42
Ponnamperuma, F. N., 1980	box 5	folder 43
Ruttan, Vernon W., 1977, 1980	box 5	folder 44
Schultz, Theodore W., 1964, 1967	box 5	folder 45
Wharton, Clifton R., Jr., 1980	box 5	folder 46
Wittwer, Sylvan H., 1975, 1978, 1980	box 5	folder 47
International Agricultural Development Service (IADS), 1977	box 5	folder 48
International Agricultural Development Service (IADS), Assistance Agencies, 1976-1977	box 5	folder 49
International Agricultural Development Service (IADS), Assistance Services, 1974-1975, 1978	box 5	folder 50
International Agricultural Development Service (IADS), Indicators, 1978, 1980	box 5	folder 51
Rockefeller Foundation, By-laws, 1976, 1979	box 6	folder 52
Rockefeller Foundation, Fellowships, 1980 April	box 6	folder 53
Rockefeller Foundation, Programs, 1970, 1974, 1980	box 6	folder 54
Rockefeller Foundation, Agricultural Science Reports, 1970 November	box 6	folder 55
Consultant Group on International Agricultural Research (CGIAR), 1969, 1973	box 6	folder 56
Chile, 1958-1959	box 6	folder 57
Colombia, 1958-1959, 1972, 1979-1980	box 6	folder 58
India, 1969, 1980-1981	box 7	folder 59
Mexico, 1950, 1956, 1969, 1979-1981	box 7	folder 60
Thailand, 1980	box 7	folder 61
Turkey, 1968, 1972, 1975	box 7	folder 62
Small Farmers, 1974	box 7	folder 63
Scientific American, 1975-1976	box 7	folder 64

The Strategy of Agricultural Development, 1970 March 28	box 7	folder 65
7: Reaching the Farmer, 1967 September 30	box 7	folder 66
Chapter 15: Toward More Effective Assistance, 1972, 1974, 1977	box 7	folder 67
National Science Foundation, 1972-1974	box 8	folder 68-70
National Science Foundation, 1972-1974	box 8	folder 69A

Conditions Governing Access:

### **Conditions Governing Access**

Restricted from scholarly access-Confidential material

[^ Return to Table of Contents](#)

## **Publications and Speeches, 1964-1981**

<b>Title/Description</b>	<b>Instances</b>	
"International Agricultural Development", In Honor of John Milton Poehlman, Columbia, MO, 1980 October 21	box 8	folder 71
Presidential Commission on World Hunger, 1978 December 18	box 8	folder 72
Address, Food Editors of America, Rye, NY, 1978 November 1	box 8	folder 73
"Horticulture's Third Era", 75th Annual Meeting of American Society of Horticultural Science, Boston, MA, 1978 July 17, 1978-1979	box 8	folder 74
"Accelerating Agricultural Development: The Challenge, The Strategy", IMC Food Production Conference, Santo Domingo, DR, 1977 November 8	box 8	folder 75
"Accelerating Agricultural Development", Coromandel Lecture, New Delhi, India, 1977 February 8	box 8	folder 76
"The Alleviation of World Hunger", National Council of Philanthropy 22nd Annual Conference, St. Louis, MO, 1976 December 2	box 8	folder 77
"The Alleviation of World Hunger", Amended, 2nd Presbyterian Church Series, Indianapolis, IN, 1976 October 6	box 8	folder 78
"Food and Agriculture", Scientific American, 1976 September	box 8	folder 79
"Agricultural Research: The Emerging World Network", Wageningen Symposium, The Netherlands, 1976 June 16-18	box 8	folder 80
"The World Food Situation and Technical Assistance", Stillwater, OK, 1976 April 22	box 8	folder 81
"Strategy for the Alleviation of World Hunger", Rochester, NY, 1976 April 12	box 8	folder 82



Extemporaneous Address, North Pacific Grain Growers, Inc. Annual Meeting, Portland, OR, 1976 February 13	box 8	folder 83
"World Crop Productivity: Challenges to Science", International Conference on Crop Productivity: Research Imperatives, Lansing, MI, 1975 October 20	box 9	folder 84
Plant Studies in the People Republic of China, A Trip Report of the American Plant Studies Delegation, National Academy of Science, 1974-1975	box 9	folder 85
"The World Food Situation: A New Initiative", U. S. House of Representatives Testimony, 1975 September 23	box 9	folder 86
"Agriculture in China", Scientific American, 1975 June	box 9	folder 87
"Impact of International Research on the Performance and Objectives of National Systems", Warrenton, VA, 1975 January 26-29	box 9	folder 88
"World Food Needs and Opportunities: The Overview", American Society of Agronomy 66th Annual Meeting, Chicago, IL, 1974 November 12	box 9	folder 89
"The Rural Development System of the People's republic of China: Impressions and Questions", 1974 November	box 9	folder 90
"Food, Resource Use, and International Agriculture", 15th Anniversary Celebration of Texas Tech University, Lubbock, TX, 1974 October 17	box 9	folder 91
"The Yield Gap: The World's Great Food Reserve", Annual Meeting of the Agricultural Research Institute, Denver, CO, 1974 October 15	box 9	folder 92
Strengthening National Agricultural Research, Bellagio VI, 1974 March 19	box 9	folder 93
"National Agricultural Systems", Conference on Agricultural Education in Developing Nations, Bellagio, Italy, 1974 March 11-15	box 9	folder 94
Fellowship and Scholarship Report, 1974 March 8	box 9	folder 95
"International Implications for Programs in Agricultural Education", Atlanta, GA, 1974 February 11	box 9	folder 96
"New Era in Crop Improvement", Herbert Kendall Hayes Memorial Lecture, St. Paul, MN, 1974 February 5, 1974-1975	box 9	folder 97
"Extending the Green Revolution", World Development, Vol. 1 No. 12, 1973 December	box 9	folder 98
"International Agricultural Research Institute: Their Unique Capabilities", 10th Anniversary Convocation of International Rice Research Institute, 1972 April 20-21	box 9	folder 99
"Meeting World Needs for Agricultural Technology", and Summary, Bellagio II, 1970 February 3-6	box 9	folder 100

"Challenges to Agricultural Scientists", The American Phytopathological Society, Spokane, WA, 1969 August 20	box 9	folder 101
"Strengthening National Agricultural Research and Development Systems", 1969	box 9	folder 102
"Meeting Protein Needs Through Plant Breeding, Getting the Job Done", American Society of Agronomy Meeting, New Orleans, LA, 1968 November 12	box 9	folder 103
"Expanding Food Production in Hungry Nations: The Promise, The Problems", The American Assembly, Harriman, NY, 1968 October 31-November 3	box 9	folder 104
"Agricultural College: Their Greatest Challenge", Columbus, OH, 1967 November 14	box 9	folder 105
"Intensification of Crop Production", National Academy of Sciences-National Research Council, Washington, D. C., 1967 May 9	box 9	folder 106
"World Food Problem: Myths and Musts", 1967	box 9	folder 107
"The Crop Production Equation", The Weed Society of America, Washington, D. C., 1967 February 13-16	box 9	folder 108
"Approaches to the World Food Problem", Southwest Agricultural Forum, Tulsa, OK, 1967 January 19	box 9	folder 109
"Making Agronomy Serve Developing Countries", American Society of Agronomy, Stillwater, OK , 1966 August 21-26	box 10	folder 110
"Rice Research: A Race Against Time", International Rice Research Institute, 1964	box 10	folder 111
Trip Report, Plant Studies Delegation to the People's Republic of China, 1974 August 27-September 23	box 10	folder 112
Plant Studies in the People's Republic of China: A Trip Report of the American Plant Studies Delegation, 1975	box 10	folder 113
"A First Report on Agricultural and Rural Development in the Republic of China", 1980 July 12	box 10	folder 114
Publications and Speeches, Part I of IV, 1964-1968	box 10	folder 115
Publications and Speeches, Part II of IV, 1968-1974	box 10	folder 116
Publications and Speeches, Part III of IV, 1974-1975	box 10	folder 117
Publications and Speeches, Part IV of IV, 1976-1978	box 11	folder 118
Oral History, Rockefeller Foundation Program in Agriculture, Interview with Sterling Wortman, 1966 August 2, 4	box 11	folder 119
"The Case for a "Development College"	box 11	folder 120
"SUNY: A Tenth Dimension", Conference on International Programs and Activities, Albany, NY, 1979 November 1	box 11	folder 121

"The Technological Basis for Intensified Agriculture", 1969 April 23-15	box 11	folder 122
Economic Impact, A Quarterly Review of World Economics, No. 32, 1980	box 11	folder 123
Beyond the Bottom Line	box 11	folder 124-125
Beyond the Bottom Line, Notes and Correspondence, 1980	box 11	folder 126
Beyond the Bottom Line, Chapter 2: Danger Signals in America?, 1980	box 11	folder 127
Beyond the Bottom Line, Chapter 4: The Economic Frontier, 1980	box 11	folder 128
Beyond the Bottom Line, Chapter 5: Expanding the World Economy, 1980	box 11	folder 129
Beyond the Bottom Line, Chapter 6: Free Enterprise and America's Future, 1980	box 11	folder 130
Beyond the Bottom Line, Chapter 7: U. S. Agriculture: How Strong?, 1974, 1980	box 11	folder 131
Beyond the Bottom Line, Chapter 8: Challenges from Abroad, 1979-1981	box 11	folder 132
Beyond the Bottom Line, Chapter 9: Toward Greater U. S. Competitiveness	box 11	folder 133
Beyond the Bottom Line, Chapter 10: Official Assistance & Private Cooperation, 1980-1981	box 11	folder 134
Beyond the Bottom Line, Chapter 11: Beyond the Bottom Line, 1980-1981	box 11	folder 135

[^ Return to Table of Contents](#)