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Title: G. A. Ledingham Collection

Dates: 1947-1960

Extent: 13 cm of textual records.

Biographical Sketch: George Aleck Ledingham was born on October 23, 1903 in Dornoch, Ontario. When he was seven, his family moved to Hawarden, Saskatchewan. He attended the University of Saskatchewan, receiving a B. Sc. (Honours) in Biology in 1927, and a M. Sc. in Plant Pathology in 1928. While at school, he worked closely with Professor W. P. Fraser on various rusts, and later with Professor T. C. Vanterpool on root rots of cereals. Receiving both a scholarship and a bursary from the NRC, as well as other awards, Ledingham then attended the University of Toronto, earning his Doctorate under Dr. D. L. Baily in 1928 and his Ph. D. in Plant Pathology in 1932. In the same year, Ledingham accepted a Teaching Fellowship in the Laboratories of Cryptogamic Botany at Harvard. The following year, 1933, he started his work at the NRC. He was made the assistant to the editor of the Canadian Journals of Research. By 1934, he was working as a mycologist in the Division of Applied Biology. He began organizing research on the utilization of agricultural products. During the next decade, Ledingham also worked on the Trail Smelter Smoke Investigation, the subject of an international dispute, and this work brought him wide recognition. For the war years, his work was expanded to the production of industrial chemicals. After World War II, Ledingham was named a Member of the Order of the British Empire for his contribution. In 1947, he was appointed the Director of the new Prairie Regional Laboratory in Saskatoon. The lab opened in June 1948. Ledingham ran a successful and productive laboratory. Over his career, he published 65 research papers and was active in various scientific societies. He suffered a massive stroke while at work, and died in August 13, 1962. In honour of Ledingham's achievements, the Province of Saskatchewan named a northern peninsula after him.

Custodial History: The collection was formerly stored in the basement storage area in building M-58 in Ottawa. It was moved to the Sussex Drive NRC Archives in the fall of 1987.

Scope and Content: Fonds consists of articles, addresses written by Ledingham, radio interviews and reports pertaining to Dr. Ledingham's work and to the Prairie Regional Laboratory.

G.A. LEDINGHAM 1 volume

File 1 Prairie Regional Laboratory - Official Openina. June 8, 1948
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Dec. 6, 1949

Some Possible Agricultural Industries
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Increase in Food Through
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The Prairie Regional Laboratory and

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The Plant Rusts--Some Intriguing
Problems They Pose. Oct. 27-28, 1958

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11 **CBC Farm Broadcast.**

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91 **CBC Recording.**

91 CBC Recording. Aug.24,1948(?)

@I CBC International Service. Interview

by Idabelle Ness.

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11 Radio Broadcast, **CFOC.**

Feb.23,1951

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Jan. 15, 1954

CFOC Broadcast. A Report on the Third International @Theat Rust Conference. May 4, 1956

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1 Surplus Farm Products. Sept. 11, 1957