

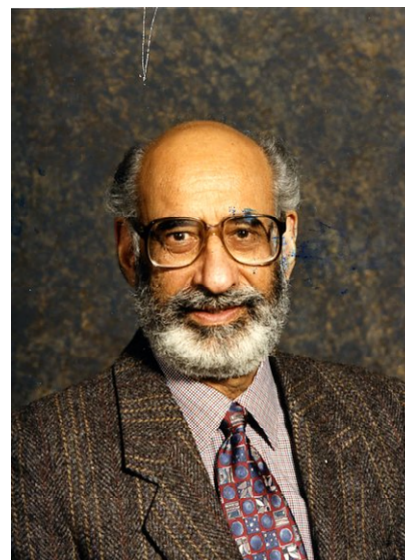


MG 498 – Rattan S. Bhatti fonds

Dates: 1957-2013 inclusive

Extent: 20 cm textual material ; 1 artifact

Biography: Rattan Singh Bhatti was born on November 14, 1932 in Panjab, India. He graduated with a B.Sc. in agriculture in 1953 from the Government Agricultural College, Ludhiana, Panjab University. Later, he studied at the University of Edinburgh, Scotland, and obtained post-graduate Diploma (1958), M.Sc. (1960) and Ph.D. (1966) degrees. On completion of his doctorate degree he was selected by the National Research Council of Canada for a post-doctorate fellowship at the Prairie Regional Laboratory on the campus of the University of Saskatchewan, Saskatoon. In 1971 he was offered a position of Research Scientist (Assistant Professor Research) in the Crop Development Centre (CDC), Department of Crop Science in the College of Agriculture at the University of Saskatchewan. He was promoted to Senior Research Scientist (Full Professor) in 1981 and on retirement in 1998 appointed Professor Emeritus (by selection at that time). During his tenure at the CDC he was Adjunct Professor (1982-1998) in the Department of Crop Science and Plant Ecology, Associate Member (1976-1989) Interdisciplinary Food Science Graduate Program, and Visiting Biochemist (July1-December30, 1984) at the University of California, Davis.



Series V.1-Portrait

Dr. Bhatti's educational training and research interests were in grain chemistry and cereal chemistry. He published widely in scientific journals, was associate editor of his professional journal *Cereal Chemistry*, and co-edited the monograph *Barley: Chemistry and Technology* published in 1993. His research output included book chapters, book reviews, peer reviewed articles, conference presentations, non-refereed publications, contributions to cultivar registrations, and a US patented method for extracting cereal beta-glucans in 1994. For his work, Dr. Bhatti received several awards: Global Agricultural Technology Exposition Award 1990, American Association of Cereal Chemists Fellowship Award 1992, and Leadership Award Alberta Barley Commission 1996. A rare honour came in 2002 when his colleagues at the Crop Development Centre named a barley variety after him registered as CDC Rattan by the Government of Canada.

Custodial history: Records were donated to the University Library, University of Saskatchewan in June 2014 by the creator.

Scope and Content: Collection includes samples of Bhatti's published and unpublished works, copies of his three theses from the University of Edinburgh; awards, patents, and certificates; correspondence and other academic materials. Accession 2015-023 is comprised of four CD's of unlabelled family images.

Restrictions: There are no restrictions

Accruals: May receive future accruals.

Arrangement Note: The Rattan S. Bhatti fonds was organized into the following subject categories:

Series I – Theses

Series II – Published Materials

Series III – Awards and Certificates

Series IV – Academic Affairs

Series V – Photographs

Series VI – Personal

Finding Aid Prepared by Stevie Horn, 2017

Accession 1114-042

Box 1

I. Theses

1. *Studies on Proteolysis in Cereals* – 1966
Thesis submitted by Dr. Bhatta for Ph.D., accepted by the University of Edinburgh, Scotland.
2. *The Effect of Nitrogen on The Growth, Development, and Yield of Winter Wheat* – 1960
Thesis submitted by Bhatta for M.Sc. accepted by the University of Edinburgh, Scotland.
3. *A Critical Survey of the Literature of the Nutrition of the Wheat Crop and its Relation to Manuring Practice* – 1957-1958
Thesis submitted by Bhatta for post-graduate Diploma Rural Science, accepted by the University of Edinburgh, Scotland.

II. Published Materials

1. Book Chapters – [ca. 1990's]
Three of Bhatta's published book chapters, entitled:
 - i. "Nutrient Composition of Whole Flaxseed and Flaxseed Meal"
 - ii. "The Application of Chemical Mutagenesis and Biotechnology to the Modification of Linseed (*Linum Usitatissimum* L.)"
 - iii. "Nonmalting Uses of Barley"
2. Book Reviews – 1986-1989
 - i. *Advances in Cereal Science and Technology Volume IX*
 - ii. *Wheat : Chemistry and Technology*
 - iii. *Electrophoresis '86.*
3. Refereed Publications – 1963-1999 – 2 files
101 refereed publications including review articles.
4. Non-Refereed Publications – 1959-1995
103 non-refereed publications.
5. Published Conference Proceedings – [ca. 1980-1995]
23 published conference proceedings
6. Conference Presentations (titles only)
80 conference presentations
7. Contributions to Cultivar Registrations 29
Includes a sheet listing cultivar names and authors. Varietal descriptions of cultivars published in Canadian Journal of Plant Science

III. Awards and Certificates

1. Original School/College/University Certificates - 1949-1966
Certificates from University of Edinburgh, Panjab University, and High School.
2. Awards Certificates, Correspondence and Congratulatory Letters – 1992-2003
3. CDC Rattan Award – **[This item has been stored separately in Box 2]**
A sealed glass jar containing a sample of hulless barley variety CDC Rattan, named after Dr. Bhatti.
4. Copy of United State Patent – 1996
5. Alberta Barley Commission Plaque – 1996 **[See Box 3]**
Leadership Award given to Dr. Bhatti in 1996
6. Global Agricultural Technology Exposition Innovation Award - 1990 **[See Box 4]**

IV. Academic Affairs

1. Original Correspondence – 1957-1998
2. Copy of last CV – 1998

V. Photographs

1. Photographs – 1998-2004
 - i. Abbreviated CV
 - ii. Alberta Barley Commission Gains Research Advisor
 - iii. Barley Researcher Honoured
 - iv. Portrait
2. Bhatti Family Slides – [digitized 2013, images from 1930's-present]- 4 CD-R, 468 images
Four DVDs of family photographs, beginning with Bhatti's childhood family photographs and progressing throughout his life.

VI. Personal

1. Immigration Papers – 1997 – **RESTRICTED**
2. Memoirs – 2000-2008
Copy of personal memoir *I Remember it Well* and article for feature in Westcoast News *Celebrating Our Diversity: An Immigrant's Journey, the Bhatti Family*.

See University Authors Collection for *Barley Chemistry and Technology*, edited by Alexander W. MacGregor, Rattan S. Bhatti, 1993 SB191 .B2B353, 1993.