



MG 611- Edward Alexander Maginnes

Dates: 1903-1995 (inclusive); 1965-1983 (predominant).

Extent: 50 cm of textual records; 8 VHS tapes; 2 audio cassettes; 3118 35mm slides; 52 photographs.

Biography: Edward Alexander Maginnes was born in Ottawa, Ontario to Alexander and Jeannie Maginnes. He attended Lisgar Collegiate in Ottawa and then went on to attend MacDonald College in Montreal where he received his BSc in 1956. After this, he worked at the Experimental Farm in Ottawa and helped establish the family tree nursery, A.D. Maginnes and Son. From 1957-1964 Ed attended Cornell University where he received his MSc and PhD, following which he accepted the position of Professor of Horticulture Science at the University of Saskatchewan. He remained there teaching and conducting research for 36 years, retiring in 2000. Areas that were of particular interest to him included Waste Heat Greenhouse Management, turf grass growth and maintenance as well as hydroponics growing methods. Ed was an honorary member of the Saskatchewan Turf Grass Association and the North American Lily Society. He was married to Beverly Maginnes in 1964, and the couple had three children (Elizabeth, Susan, and Sean). In his retirement, Edward was instrumental in the development and construction of an Abbeyfield House in Saskatoon. Edward passed away in 2010.

Scope and Content: The fonds is comprised of small press gardening publications and offprints collected by Maginnes, as well as videos on his subjects of interest. The largest segment of the fonds is Maginnes' collection of 35mm slides, which feature lecture slides and images related to his greenhouse work, images of his sabbatical trips to Denmark, Sweden, and Japan, and personal family images.

Arrangement: The fonds has been arranged into the following series:

- I. Collected Publications**
- II. Video, Ephemera**
- III. Slides**
- IV. Other**

Restrictions: There are no restrictions on access.

No further accruals expected.

Guide created by Stevie Horn, 2017.

Box 1

I. Collected Publications:

- 1.) *Dropmore Hardy Plants*. – 1936-1973. - 2 folders.
- 2.) *The Gardeners' Bulletin*. – 1962-1973.
The quarterly bulletin of the Saskatchewan Horticultural Societies' Association, published by the Extension Department, College of Agriculture, University of Saskatchewan.
- 3.) *Grower Talks*. – 1959-1982. – 7 folders.
February 1981 (folder g) features information on "A New Waste Heat Approach at Saskatoon".

Box 2

- 3.) *Grower Talks*. – 1959-1982. – 7 folders.
February 1981 (folder g) features information on "A New Waste Heat Approach at Saskatoon".
- 4.) *New York State Flower Growers Bulletin*. -1945-1979. – 4 folders.
Includes a 1946 copy of their constitution.

Box 3

- 5.) [Offprints: fruit buds]. – 1923 – 1934.
Fruit Bud Formation in Everbearing Strawberries; Fruiting Habit of the Black Raspberry; Fruit-bud and Flower Formation in the Sultanina Grape.
- 6.) Shrubs. – 1909-1963.
A Revised, Annotated List of the Plants of Saskatchewan; Propagating Trees and Shrubs from Seed; Hardy Fruits for Manitoba, Saskatchewan and Alberta with suggestions for breeding better fruits; Ground covers and climbing plants; Index Seminum (1961); Tree Planting on the Prairies of Manitoba, Saskatchewan and Alberta ; Mushroom collecting for beginners; A list of flowers, shrubs, vines and trees recommended for Saskatchewan gardens (Extension); Recommended list of ornamental shrubs and trees for Manitoba; Insect pests in Saskatchewan; The seeding and care of lawns in Saskatchewan; Landscaping the Urban Home (Extension); Annual Flowers for Canadian Gardens; Weeds of Alberta: their

identification and control; Illustrations of Important Weeds in Natural Colors; Field Crop Insects and their control in the prairie provinces; Hardy roses: their culture in Canada; Lists of horticultural plants recommended for Saskatchewan; Native Manitoba plants in bog, bush and prairie; Woody Ornamentals; Trees for ornamental planting.

7.) Weed Seedling Identification. – 1986.

II. Video, Ephemera

1.) *Basic Hydraulics, Wire Sizing and Selection, Valves and Fittings.* – 1989.- 1 VHS tape.

2.) *Dr. Joe Duich Discusses the New Penn Pals Bentgrasses.* – 1995. - 1 VHS tape.

3.) *5 Steps to Installing your Sprinkler System.* – 1 VHS tape.

4.) *Operator Training Groundsmaster.* – 1989. – 1 VHS tape.

5.) *Plant Soil-Water Relationships.* – 1989. – 1 VHS tape.

6.) *Pump Selection, Application, and Use.* – 1989. – 1 VHS tape.

7.) *Reelmaster 216 Operator Training.* – 1989. – 1 VHS tape.

8.) *Turfgrass Management: Your Field of Dreams.* – 1 VHS tape.

9.) Royal Horticultural Society of London : color chart.
Standard reference for plant colour identification.

III. Slides

1.) Audio. – 2 audio cassettes
Audio to go with slides for lectures: digging and Planting Trees (Master); Trees for West Canada (Master).

2.) 1984 – 38 35mm slides.
Images from 1984 including: research shots, Aldershoot greenhouses, ships, family.

- 3.) "BPI Edmonton". – 1979-1981. – 60 35mm slides.
Slides compiled for a talk given by Professor MaGinnes to BPI Edmonton on Innovative Heat Saving Systems (See Waste Heat Greenhouse below).
- 4.) [Damage.] – 1974. – 11 35mm slides.
Slides showing different types of damage to plants.
- 5.) Denmark and Sweden. – 1977, 1985 – 215 35mm slides. – 3 folders
- 6.) Digging and Planting. – 1967-1971. – 167 35mm slides. – 2 folders.
See audio cassette in file III.1.
- 7.) Flowers. – 1966-1976. – 121 35mm slides. – 2 folders.

Box 4

- 8.) Flowers II. – n.d. – 232 35mm slides. – 2 folders
Images of flower arranging. Booklet included
- 9.) Greenhouses. – 1972-1983. – 55 35mm slides.
- 10.) Greenhouse #1. – 1978-1985. - 54 35mm slides.
- 11.) Greenhouse #2. – 1967-1974. – 22 35mm slides.
- 12.) Greenhouse #3. – 1985. – 56 35mm slides.
Images from sabbatical trip to Netherlands. Steam sterilizing equipment a focus.
- 13.) Greenhouses / Tri-Co. Farms. – 1974-1984. – 151 35mm slides.
Henderson's; Energy conserving greenhouse; Q. E. Greenhouse; Power Station; Tri-co farms; TransCanada pipeline; Tri-tec Greenhouse; Chicago Conservatory; Saskatoon Covered farm; Water Control; Moveable Bench; Soil Mixer; Calgary Conservatory; Horticulture Science Greenhouses; Patterson garden; heat exchanger project; hot air in greenhouses; compressor station;
- 14.) [Greenhouse: Unlabelled]. – ca. 1970's. – 186 35mm slides.
Various images of greenhouses. Some may be related to greenhouse images in other files.
- 15.) [Horticulture Miscellaneous]. – 1962-1981. – 27 35mm slides.

- 16.) Lecture Slides. – 1975-1985.- 68 35mm slides.
Includes one page of notes.
- 17.) Lecture slides for 430. – 1963-1969.-53 35mm slides.
Slides for Horticulture class, including many images of different types of greenhouses.
- 18.) Lilies. – 1967-1975. – 92 35mm slides. – 2 folders.
- 19.) [Miscellaneous.] – 1966-1982. - 71 35mm slides.
Plants; family photos; men posing with tractor; receiving an award; waste-heat greenhouse; seeding.
- 20.) Ontario. – 1984. – 61 35mm slides.
Images from a sabbatical trip to Ontario in 1984, (see also Vineland, below).
- 21.) [Personal]. – 1978-1983. – 166 35mm slides.
- 22.) Slide Reel : Family/Greenhouse Images. – 1978-1983. – 127 35mm slides
Daughter Susan working with horses; compressor station; Tri-tec greenhouse; travel images.
- 23.) Slide Reel: Fruits/ Tree Moving / Native Plants. - 1957-1989.- 95 35mm slides.
Berries; harvesting methods; plums; apple trees; seeders; Indian Head experimental farm; hardwood cutters; bed lifter; images of native plants.
- 24.) Slide Reel: Netherlands Sabbatical with family. – 1985. – 60 35mm slides.
Images of the Netherlands, of Ottawa, and of MaGinnes' young family.
- 25.) Slide Reel: "Problems, Insects and Disease / Denmark, Sweden, Japan." – 1963-1978.- 151 35mm slides.
Botrytis; Witch's Broom; viruses; fire blight; scale insect; pine gall; frost damage; chemical damage; Boxelder Beetle; rust; leaf miner; mites; aphids; phytophagae; photos of Danish, Swedish and Japanese gardens; Alaska; Iceland;
- 26.) [Trees]. – 1953-1974.-53 35mm slides.
- 27.) Trees/Annuals. – 1968. – 139 35mm slides.
Includes portions of "Trees for Western Canada".

28.) Trees, Evergreens, Shrubs, Perennials – 1966-1987.- 283 35mm slides. – 3 folders

Box 5

29.) Trees for Western Canada. – 1968. – 77 35mm slides.

See audio cassette in file III.1.

30.) “Vegetables”. – 1954-1978. – 37 35mm slides.

Westland; apples; tomato; peppers; strawberries; sweet corn; cabbage;
rutabaga; plastic tunnels; drip irrigation; squash; beans; radishes; potatoes

31.) Vineland. – 1984. – 16 35mm slides.

Slides needed for a talk in Hamilton regarding a project Maginnes worked on at
Vineland Station, involving extended season greenhouses.

32.) Waste Heat Greenhouse: Compressor; QE. – 1974-1976. – 120 35mm slides

33.) Waste Heat Greenhouse #2. – 1977-1978. – 62 35mm slides.

34.) Weeds: Common, Saskatchewan. – n.d. – 60 35mm slides.

35.) Slide envelopes. – 1967 -1985. – 18 35mm slides.

Boskop nursery workers home; images of daughters in traditional dance
costumes; moisture stress experiment.

36.) Slide Boxes. – 1957-1978. – 45 35mm slides.

Copper tube heat exchanger installation; steel tube heat exchanger; Cornell
plastic greenhouses; tulips; exhaust gas; Penn state’s plastic greenhouses;
poinsettias; lab work.

IV. Other

1.) Recommended changes for USGA. – 199.2

A report on recommended changes to the United States Golf Association Greens
construction specifications.

2.) Flora. – 1988. - 52 photos.

Images of flowers, trees, and other plants used in teaching, and for personal use.
Image of 1988 Horticulture 470.3 class trips.

3.) South India Viscose. – 1993.

Material regarding visit of Dr. Kesavamurthy of the South India Viscose.