



Canadian Seed Growers' Association



A reputation for quality

CSGA NATIONAL REPORT

CSGA National Report

CSGA's Executive Committee:

President: Ed Lefsrud, Alberta

1st vice-president: Neil Shanks, Ontario

2nd vice-president: Gerald Girodat, Saskatchewan

Past-president: David Mol, PEI

Provincial Gov't: Danielle Bernier, Quebec



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Future Meeting Locations:

- 2008: Hilton, Quebec City (joint with AOSCA)
- 2009: Fairmont Hotel, Winnipeg
- 2010: Grand Hotel, Kelowna (joint with CSTA)

MEMBERSHIP & AWARDS

In Quebec City in 2008, the following people will be recognized:

- **Robertson Associates**

Lawrence Trepanier from Ontario

Bruno Laquerre, Rosaire Gagnon & Jean-Denis Aumont from Quebec

Barry Reisner from Saskatchewan

- **Honorary Life Members**

Dr. Duane Falk from Ontario

Jacques Dion & André Lemonde from Quebec

- **Honorary President (3 year term)**

Lorne Fell from Ontario

EDUCATION & PUBLICITY

- **National E&P Committee Priorities:**

- Grower/retailer education: *improve marketing skills*
- College Promotion: *education/promotion of the pedigreed seed industry to students attending agricultural colleges and universities or community colleges with an agricultural component*
- End user advocacy – Sharing the Message





RESEARCH & DEVELOPMENT

One Ongoing Project:

- The effect of flowering synchrony on canola out-crossing rates (*AAFC, Sainte-Foy, QC*)

Three New Projects Approved:

- Fertility potential of 7 crops: wheat & durum, peas, chickpeas, lentils, barley, oats and flax (*U of Sask, Saskatoon, SK*)
- Seedborne transmission of clubroot in canola (*U of Alberta, Edmonton, Alberta*)
- Model of wheat out-crossing (Airzone One Ltd., Toronto, Ontario)



RESEARCH & DEVELOPMENT

The R&D Committee is, for next year, increasing their maximum contribution per project to \$16,500 from the current \$12,000.

- this was seen necessary to cover the current costs of graduate students that would be working on the projects



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Tax Credit on Certified Seed Proposal:

- being promoted by CSTA and CSGA
- researched by George Morris Centre & international trade lawyers
- 55% tax credit
- i.e. \$10.00/bushel seed yields a \$15.50 expense deduction
- deemed as a WTO Amber Box initiative



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Electronic Pilot Project:

- ✓ grower (or assignee) applies for inspection electronically
- ✓ direct bank deposit made by grower (or assignee)
- ✓ field map provided with GPS coordinates
- ✓ application sent to CFIA electronically
- ✓ field inspection report done on palm pilot or laptop
- ✓ inspection report sent to grower (or assignee) and CSGA electronically
- ✓ grower (or assignee) notified of assessment results electronically



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Electronic Pilot Project in 2007:

- ✓ **expanded to more areas across Canada**
- ✓ **translated into a French version**
- ✓ **incorporated an invasive alien species component in co-operation with CFIA**
- ✓ **developed tool to interface with proprietary company databases**

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In ten years, CSGA:

- ✓ **Growth:** provides value-added products and services that meet rapidly changing needs of the bio-economy through seed technology
- ✓ **Governance:** is a dynamic organization with a high level of involvement of its members and its Board operates at a strategic level of governance and relies on a professional management team to implement its policies and strategies
- ✓ **Research:** has influenced the re-vitalization of fundamental public research into the development of adaptive, innovative crop varieties available to seed growers and the agriculture industry
- ✓ **Products & Services:** is, nationally and internationally recognized as a provider of seed certification services that are innovative, responsive, high quality, credible and reliable



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Growth Objectives:

- to determine the seed technology needs of the bio-economy
- to scan other seed certification agencies and review their products and services
- to develop products and services that meet the identified needs of the bio-economy

Governance Objectives:

- to establish/ensure a governance structure that ensures the Board of Directors focus strategically and the management focus on implementation
- to establish/ensure membership are engaged appropriately
- to attract and retain appropriate capability and expertise

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Product & Services Objectives:

- to utilize technology to verify and prove the integrity of our seed certification system
- to increase the demand for Certified seed across the agri-food value chain
- to meet the seed certification needs of all players across the agri-food value chain

Research Objectives:

- to support and promote development of a broad based funding model
- to stimulate development of education/training of plant breeding and related activities
- to influence the revitalization of public breeding programs
- to investigate opportunities for research that assists in the development of new products and services





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National Forum on Seed:

Phase 1: 2003-2004: Seed Sector Review	ACAAF Contribution = \$600,000
Phase 2: 2004-2006: National Forum on Seed	ACAAF contribution = \$1,000,00 (NFS = \$650,000)
Phase 3: 2006-2007: Interim Activities	ACAAF request = \$183,635 (NFS = \$150,000)
Phase 4: 2007-2009: Final stages	ACAAF request = \$3,000,000 + (NFS = \$1,000,000)

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Other Activities:

- **AOSCA Board of Directors**
- **OECD Seed Scheme**
- **Canada Grains Council Board of Directors**
- **UN Protocol on Bio-safety (IGTC)**
- **National Organic Standard (CGSB)**
- **Variety Registration Advisory Committee**
- **PBR Advisory Committee**
- **Value Chain Round Tables (Cereals, Special Crops)**

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Other Affiliations:

- **Flax Council delegate**
- **Canadian Hall of Fame**
- **Western Grain Research Foundation**
- **CSI Board of Directors**
- **Expert & Recommending Committees (east & west)**



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CIRCULAR-6 UPDATES

CIRCULAR-6 UPDATES – Effective 2008

Notice of Changes:

- will now be sent in the form of a CD replacing the traditional hard copy version of replacement pages
- CD will include a revised, bilingual, complete set of Circular 6 sections with changes clearly identified
- hard copies of replacement pages available at no cost by contacting CSGA
- still also available on CSGA website

CIRCULAR-6 UPDATES – Effective 2008

SECTION 2 (Durum Land Use Changes):

- **CERTIFIED**

- streamlined - limits on one year previous only

- **FOUNDATION & REGISTERED**

- slightly tighter
- no non-pedigreed “break” crops when land use two years previous is non-pedigreed Durum or a different variety of Durum

Revised Land requirements for Durum Crops – Effective in 2008

Revised land requirements for Certified Durum crops will be:

Inspected Crop	Must NOT be grown on land which:
Durum - Certified	Must NOT be grown on land which: <ul style="list-style-type: none">• In the previous year produced:<ul style="list-style-type: none">- a non-pedigreed crop of Barley, Canaryseed, Durum, Oats, Rye, Triticale or Wheat;- a crop of a different variety of Durum.
Durum - Foundation and Registered	Must NOT be grown on land which: <ul style="list-style-type: none">• In the previous year produced:<ul style="list-style-type: none">- a non-pedigreed crop of Barley, Canaryseed, Durum, Oats, Rye or Triticale;- a crop of a different variety of Durum;- a crop of Wheat in either of the preceding 2 years;• In the previous year produced a non-pedigreed crop which followed a non-pedigreed crop of Durum 2 years prior or a different variety of Durum 2 years prior.



CIRCULAR-6 UPDATES – Effective 2008

SECTION 3 (Soybean Land Use Changes):

- no longer an exemption for fall-cultivation

SECTION 3 (Foundation Beans):

- a 20 meter isolation is required between Foundation status Bean crops and any non-pedigreed Bean crop

SECTION 6 (Certified Creeping Red Fescue):

a new standard provides for border removal in lieu of isolation (similar to Certified alfalfa standard) which includes a 10% or less rule that adjusts isolation requirements for long narrow fields



CIRCULAR-6 UPDATES – Effective 2008

SECTIONS 10 & 11 (Industrial Hemp):

- Wild Radish and Wild Buckwheat were removed from maximum impurity standards
- isolation required between Breeder plots reduced from 25 meters to 5 meters

SECTION 12 (Select Barley Plots):

Barley Select plots made equivalent to rye, triticale and spring wheat plots to permit Barley plot production on land that produced Foundation or Registered crops of the same variety two years prior

(subject to consultation with the Plant Breeders' Committee, similar provision will be made for plots of buckwheat, canaryseed, flax and oats)



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Wheat Midge Resistance





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Wheat Midge Tolerance:

The Challenge:

to extend the life of the tolerance gene by requiring refugia to be interspersed throughout the field

The Solution:

market a blend of two varieties that is 90% a tolerant variety and 10% a susceptible variety



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Wheat Midge Tolerance:

The Process:

- Breeder seed, with the verified blend ratio, will be provided to Select Plot growers
- Certification will require:
 - ✓ varietal blend ratio testing by a CSGA approved laboratory using approved methods
 - ✓ sampling by officially recognized samplers
 - ✓ blend remediation procedures by officially recognized seed conditioners
 - ✓ disposal procedures for crops declined pedigreed status



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Wheat Midge Tolerance:

Additional Strong Recommendations for Developers & Distributors:

- Broad wheat sector support should be mobilized to support the developer and distributors implementing a midge tolerance preservation agreement for pedigreed seed sales of these varietal blends.
- Sales agreement requirements should be coordinated with a long term, producer awareness program on preserving midge tolerance.
- the developer/distributors should bear the costs of compliance as well as the costs of producer education and awareness programs

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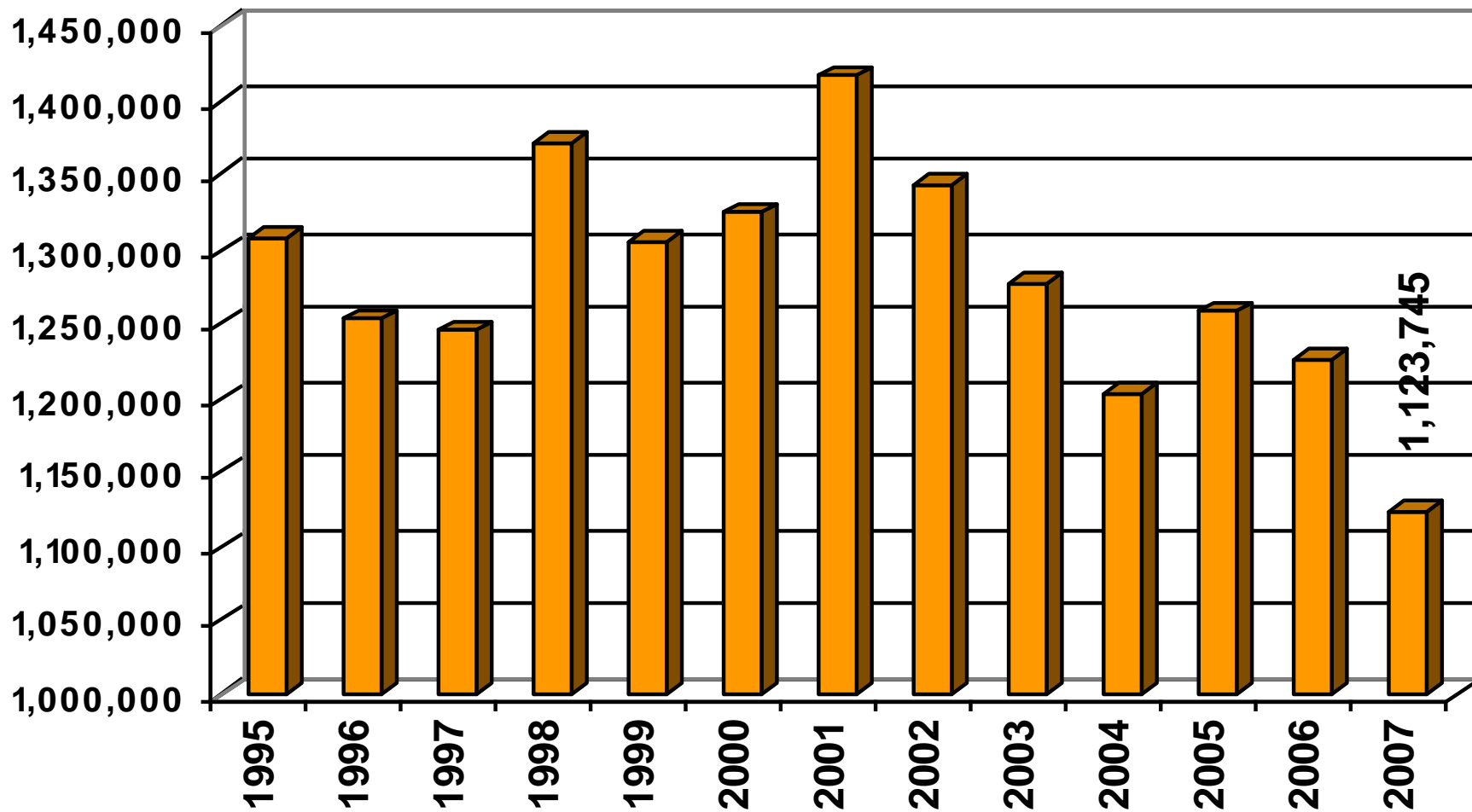


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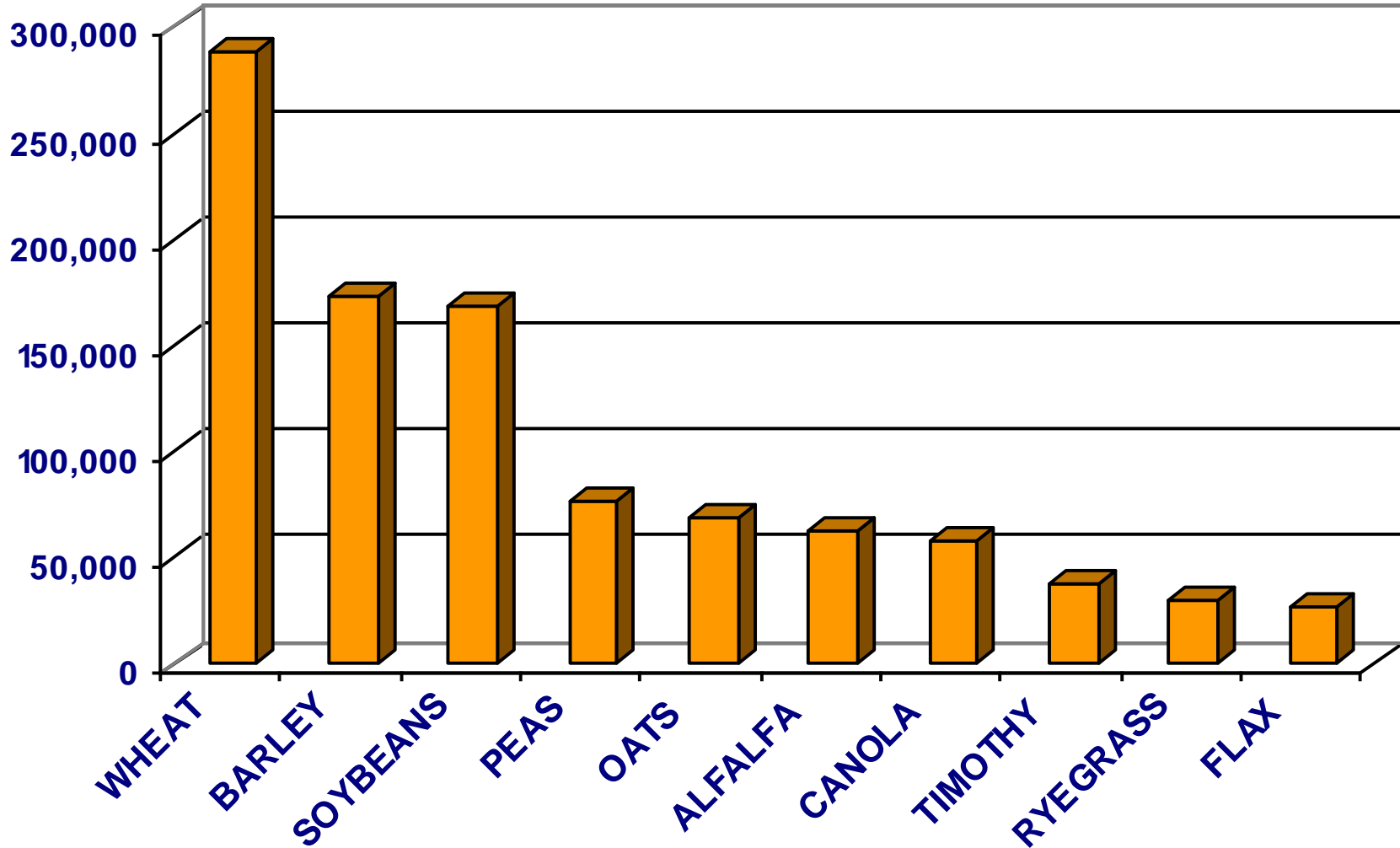
2007

ACREAGES and MEMBERSHIP

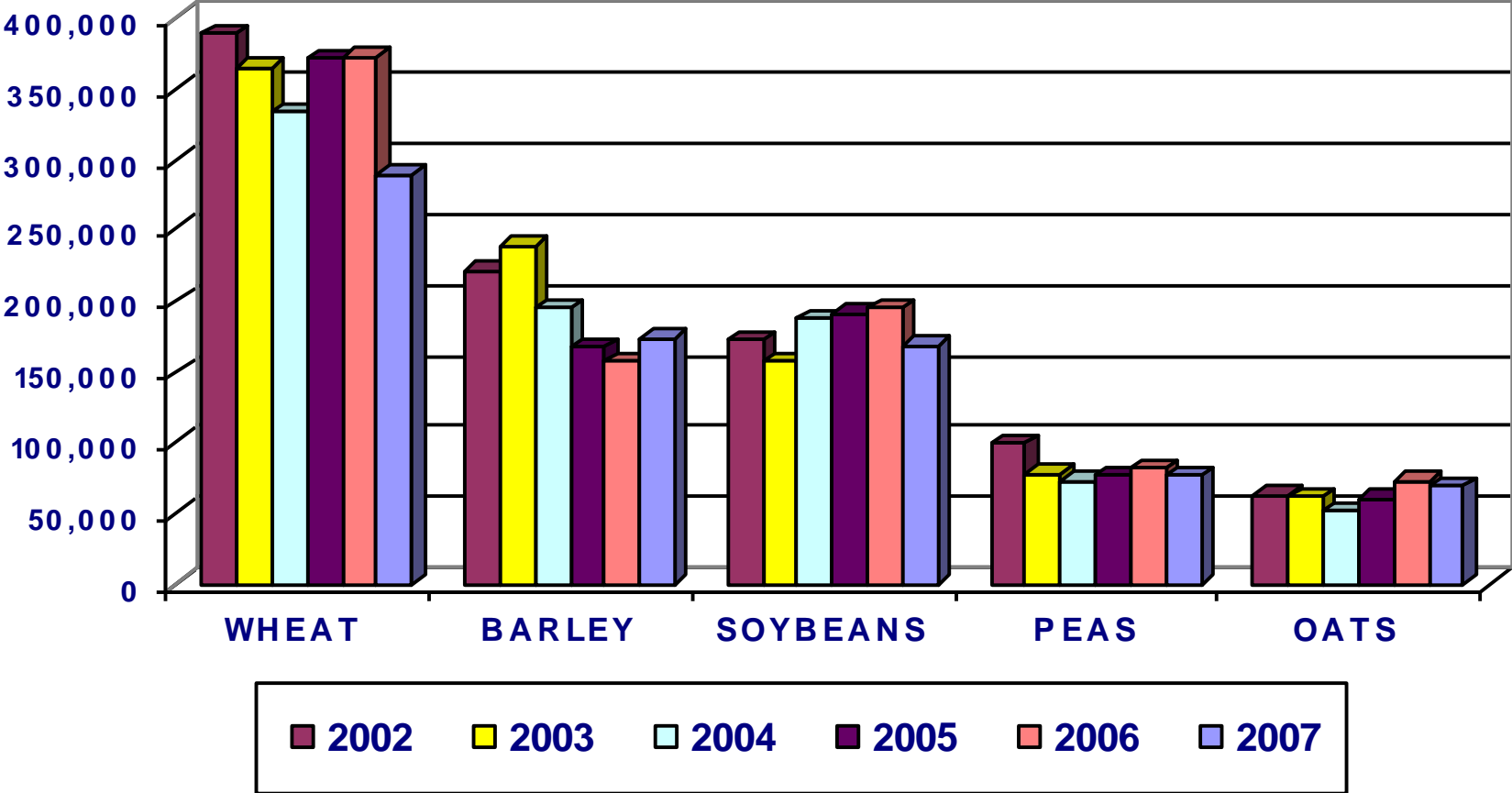
Canadian Pedigreed Acres 1995-2007



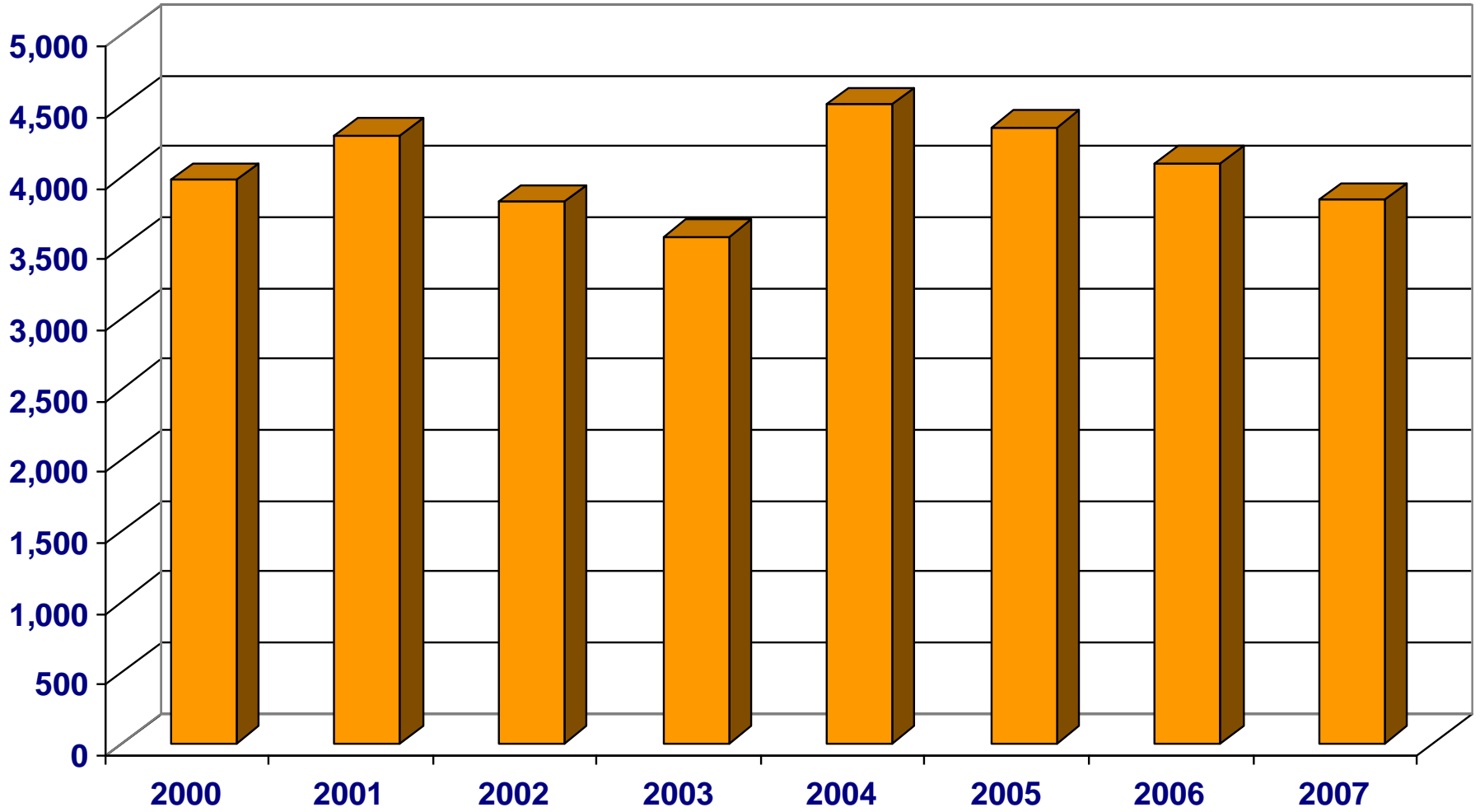
2007 Acres of Canada's Top Crop Kinds



2002-2007 Acres of Canada's Top Crop Kinds



CSGA Membership 2000-2007



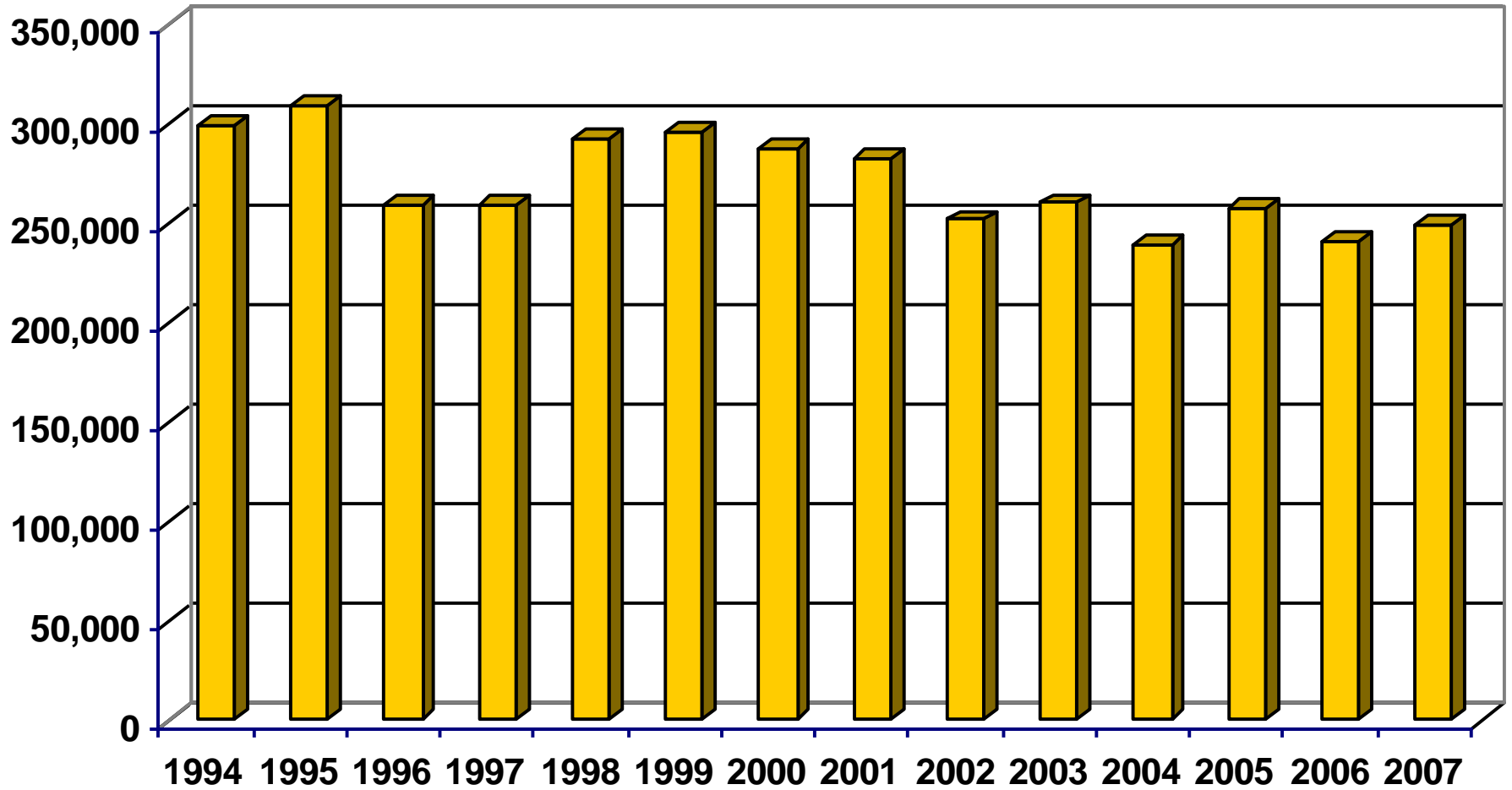
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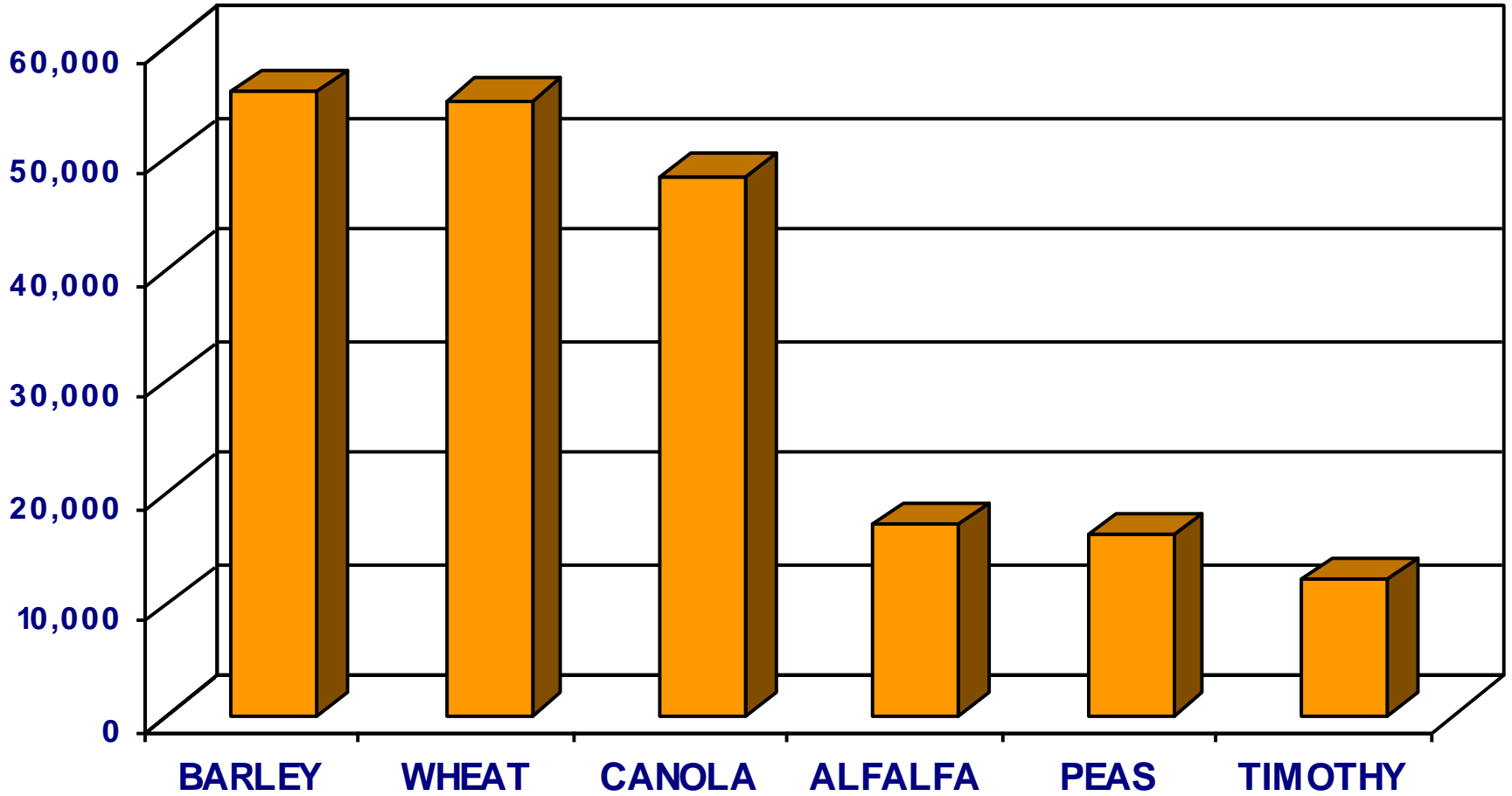
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ALBERTA

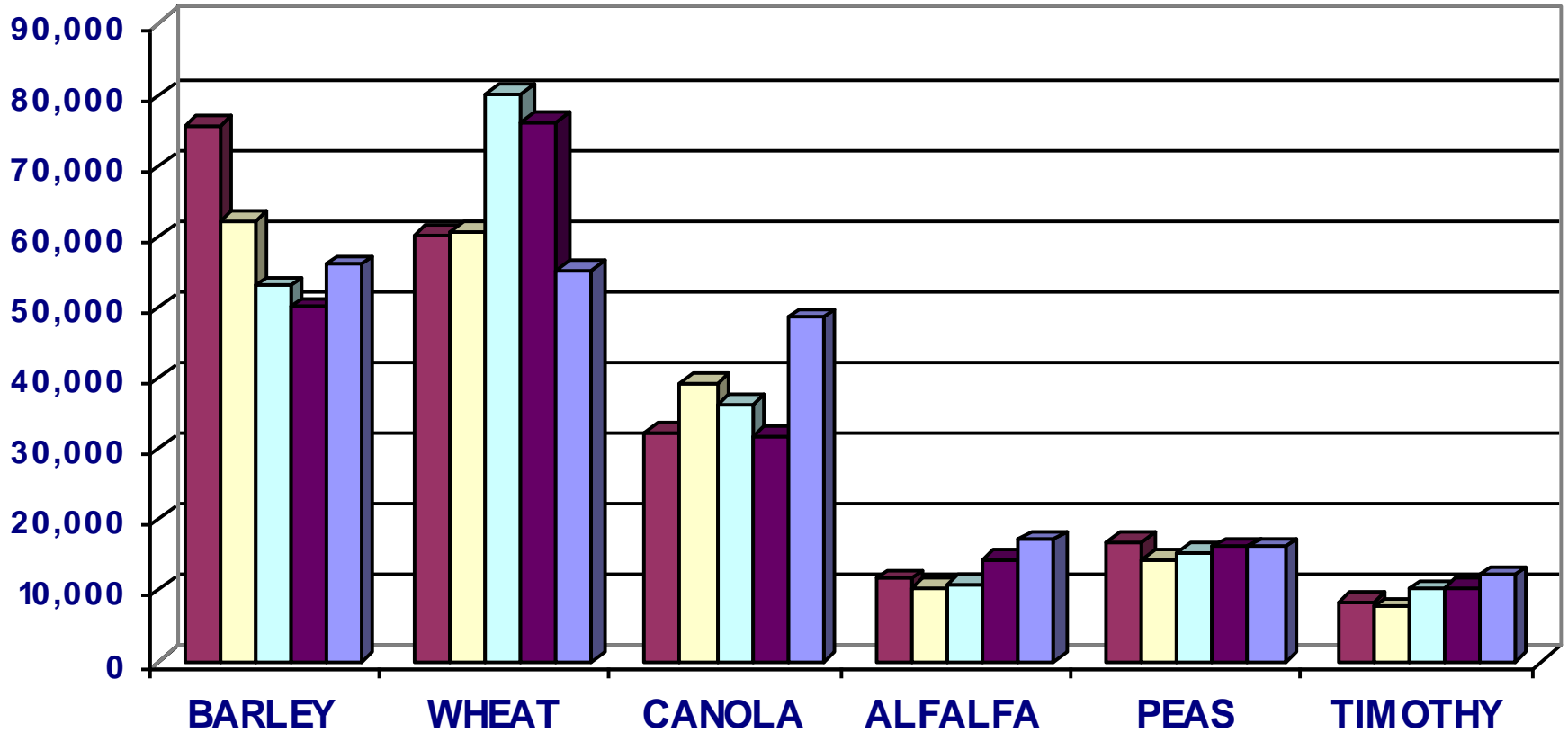
Alberta Inspected Acres 1994-2007



Alberta Inspected Acres 2007



Alberta Inspected Acres 2003-2007



Alberta Membership 2000-2007

