



Peace Region Turf & Forage Seed Industry

2008 Research & Extension Activities

Peace Region Forage Seed Association

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Dave Wong, AARD Advisor

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Chris Thomson, Events
Karen Wuthrich, Bookkeeper
Jeremy McDonald, Website
Vicki Moser, Summer Student



*The vision is to improve
the quality, consistency and profitability
of the turf and forage seed industry
in the Peace River Region.*

PRFSA Contact Information

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AB Peace Region Forage Seed Growers Commission

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BC Forage Seed Advisory Board

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BC Peace River Grain Industry Development Council

Garnet Berge, Chair
Rolla, BC Fax: (250) 759 4333
Email: jgberge@pris.ca

Research Activities of PRFSA in 2008

1. Agronomy, Crop Rotation & Establishment Trials:

- Sources & Timing of Nitrogen on Timothy for Hay
Contacts: SARDA/ Yoder Year 4 of 4.
- Pre-seeding Herbicides When Seeding Legumes & Grasses into Stubble
Contacts: Cole/ Yoder/ SARDA/ AAFC Year 4 of 4.
- Rates of Nitrogen on Annual Crops Seeded into Alsike Clover
Contacts: Ropchan/ Yoder Year 3 of 3.

2. Forage Seed Variety Trials:

- Coordinating Western Canadian Grass Seed Testing Program**
Coordinating New Entries for Grass Seed Yield Cultivar Trials & Compiling Data & Report for 4 Research Sites
Contacts: Burton/ McBey/ Woosaree/ Lee Year 1 of 5.
- Managing/ Assisting with 2 WGST Sites at Beaverlodge & FSJ
Contacts: Burton/ Lee Year 1 of 5.

3. Weed Control & Herbicide Tolerance Trials:

- Broadleaf Herbicides for Weed Control in Grasses Tour Demo
Contacts: Burton/ Yoder Year 1 of 1.
- Tolerance of Seedling Grasses to Axial, Frontline, Simplicity & CleanStart 2007/08
Contacts: Cole/ Yoder/ AAFC Year 2 of 4.
- Herbicide Tolerance Trials of 4 Seedling & Established Grasses to Axial, Frontline & Infinity 2008
Contacts: Cole/ Yoder/ AAFC Year 2 of 5.
- Tolerance of Seedling Clovers to Broadleaf Herbicides Under-seeded to Wheat
Contacts: Yoder/ SARDA Year 1 of 4.
- Tolerance of Legumes to Pre-seeding & Pre-emergent Herbicides 2007/08
Contacts: Cole/ Yoder/ AAFC Year 4 of 4.
- Tolerance of Seedling Legumes to Axial, Frontline, Simplicity & Equenox 2008/09
Contacts: Cole/ Yoder/ AAFC Year 3 of 4.
- Tolerance of Grasses & Legumes to Pre-seeding and Pre-emergent Herbicides 2008/09
Contacts: Cole/ Yoder/ AAFC Year 1 of 2.

For a complete list of trials contact Calvin Yoder at 780 864 3879.

4. Herbicide Minor Use Registration Trials:

- Compiling data of herbicide tolerance trials from several site years & submitting to Pest Management Regulatory Agency (PMRA) in Ottawa.
- Membership in Minor Use Consortium.
- Example of Recent Minor Use Registrations Received in 2007:**
[Spectrum](#) on seedling & established stands of 11 different grass seed crops.
[11 successful Minor Use Registrations in the last 5 years](#) as a direct result of this collaborative work.

5. Insect & Disease Trials:

- Case Bearer Insect in Red Clover Fields Year 3 of 5.
Contacts: Otani/ Nemezc, AAFC & Evenden, Univ. of A



Research results are:

- * presented at seminars
- * summarized in Forage Seed News magazine
- * available on our website at www.peaceforageseed.ca/pages/research_projects.html

Research Trial Type	PRFSA \$ in 2008
Agronomy, Crop Rotation & Establishment Trials	\$6,000
Forage Seed Variety Trials	\$7,000
Weed Control & Herbicide Tolerance Trials	\$28,500
Herbicide Minor Use Registrations	\$5,000
Insects & Disease Trials	\$15,500
Total Cost to PRFSA & to Growers	\$62,000

Matching Funds

- PRFSA matches grower contributions whenever possible.
- * PRAD contributed \$7,500 to trials located in BC.
 - * Seed companies paid a total of approx. \$9,500 entry fees into variety trials at all 4 sites.
 - * Research partners further match our \$ outside of PRFSA accounts with contributions of over \$55,000 from SARDA, CPCS, AARD, AAFC.

These represent a quick snapshot of where funds were spent in research for 2008. For more detail refer to PRFSA & Levy financial reports.

PRFSA Extension Activities in 2008

1. Sharing information with turf and forage seed growers:

Collaborating with MFSA to compile the **Forage Seed News** magazine and mailing it to over 1000 turf and forage seed growers in the Peace Region.

Herbicide Tolerance Update 2008 sent out last spring; 2009 Update being compiled.

Compiling production publications & facts sheets: for example, Red Clover Seed Production Guide was compiled in 2006-08; to be distributed in 2009.

Updating forage seed website, adding more articles, publications and links to great industry information.

Check out our website! <http://www.peaceforageseed.ca>

2. Organizing events to share information:



Annual production and marketing seminars in the Peace Region. In 2008, a successful event was held at the Sandman Inn in Grande Prairie on Wed March 5.

Summer tours to various forage seed growing areas. In 2008, a successful tour was held on June 24 in the Montney - Prespatou areas of BC.

Mini tour of the Peace was organized for visiting researchers from Snow Brand Seeds on July 23 & 24.

3. Initiating new communication ventures:

National Grass & Legume Seed Council

Contacts: Heather Kerschbaumer, Bernie Legault, Stan Mracek

Joint Membership with BCGPA in BC Agriculture Council

Contacts: Dave Wuthrich, Robert VanderLinden

Seeding Guide for Reclamation & Pasture Rejuvenation

Contacts: Keith Carroll, Gino Morrone

Working Groups for Crop Insurance & Wildlife Damage Compensation

AB Contacts: Cliff Mikula, Derek Dreger, Henry Dechant, R. Maisonneuve
BC Contacts: Vic Willms, Bruno Osterwalder, Dave Wuthrich



Communication & Extension Activities	PRFSA \$ in 2008
Forage Seed News, Publications & Packages to 1000 Growers	\$30,500
Website Updating	\$3,600
Events, Seminars & Tours	\$5,000
New Communication Initiatives	\$14,000
Total Cost to PRFSA & to Growers	\$53,100

Examples of Matching Dollars:

- * PRAD: \$5500 to events.
- * PREDA: \$1000 to seminar.
- * Seed companies & agribusinesses: \$3600 to events.

*These represent a quick snapshot.
For more detail refer to
PRFSA & Levy financial reports.*

2 new initiatives in 2008 budget were postponed until 2009:

Agronomy Update for Forage Seed/
Forage for CCA Credits (*see below*)

Brochure promoting turf & forage seed industry to users

3 PRFSA Extension Events in 2009

2009 Agronomy Update for Forage Seed & Forage on Feb 5 in Rycroft, AB

Topics include:

Fertilizer management,
Weed seed issues,
Direct seeding,
Annual for forage production
For more information call:
Calvin Yoder (780) 869 3879

Production & Marketing Seminar on Thur Mar 5, 2009 at North Peace Cultural Center, Fort St. John, BC
\$500 Travel Voucher Door Prize

Topics include:

Fertilizer management,
Market updates,
Research highlights,
Wildlife damage compensation,
Joint AGMs
Call: Sandra at 1 877 630 2198

**2009 Summer Tour
Thurs June 25
near Falher, AB**

Tour stops include:

SARDA trials,
Legume & grass seed fields,
Clover pest update,
Direct seeding with cross slot

For more information call:
Calvin Yoder (780) 869 3879
Sandra Burton (877) 630 2198



PRFSA Thanks You for Your Support in 2008



Thank You to 1000 Levy Paying Growers

Thank You Research Partners

**Agriculture & Agri-Food Canada (AAFC)
Alberta Agriculture & Rural Development
(AARD)**

**BC Ministry of Agriculture and Lands (BCMAL)
Peace River Agriculture Development (PRAD)**

**Central Peace Soil Conservation Society
Smoky Applied Research Association (SARDA)
Manitoba Forage Seed Association (MFSA)
Dr. Maya Evenden, Bio. Sci. Dep. Univ of AB
Peace River Forage Association of BC
BC Grain Producers Association (BCGPA)**

**Prairie Pesticide Minor Use Consortium
Dow AgroSciences Canada
Dupont Canada**

**Western Canadian Grass Seed Testing (WGST)
Barenbrug USA
Brett Young
DLF Internation/Trifolium
Snow Brand Seeds
Turf Care**

Thank You Associate Members

**Colleen Anderson
Oral Benterud
Sandra Burton
Keith Carroll
Kerry Clark
Nigel Fairey**

**Dave Forgie
Dale Gach
Dave Juneau
Clair Langlois
Owen Lee
James Obniawka**

**Nora Paulovich
Don Pedersen
Scott Stykalo
Barry Willis
David Wong
Calvin Yoder**

Thank You 2008 Event Sponsors

PRAD

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Foster's Seed and Feed
Golden Acre Seeds
Moore Seed Processors
Peace River Seed Co-op
Pickseed
Rolla Ag Services
St. Isidore Coop
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