



# Peace Region Turf & Forage Seed Industry

## 2009 Research & Extension Activities

### Peace Region Forage Seed Association

#### Board of Directors

Todd Smith, President PRFSA  
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Kerry Clark, BCMAL Advisor  
Jennifer Otani, AAFC Advisor  
Dave Wong, AARD Advisor

#### Contractors

Sandra Burton, Coordinator  
Chris Thomson, Events  
Wendy Schmaltz, Bookkeeper  
Jeremy McDonald, Website  
Megan Harwood, Summer Student  
Courtney Thompson, Summer Student



*The vision is to improve  
the quality, consistency and profitability  
of the turf and forage seed industry*

#### PRFSA Contact Information

P.O. Box 6135  
Fort St. John, BC, V1J 4H6  
Phone: 1 (877) 630 2198 Fax: 1 (250) 789 6884  
Website: [www.peaceforageseed.ca](http://www.peaceforageseed.ca)  
Email: [coordinator@peaceforageseed.ca](mailto:coordinator@peaceforageseed.ca)

#### AB Peace Region Forage Seed Growers Commission

Rick Friesen, Chair AB  
Bezanson, AB  
[friesenr@xplornet.com](mailto:friesenr@xplornet.com)

Bernie Schoorlemmer, AB Grower  
Rycroft, AB  
[bschoorlemmer@friendlywireless.com](mailto:bschoorlemmer@friendlywireless.com)

Heather Kerschbaumer, AB Grower  
Fairview, AB  
[goldenacreseeds@xplornet.com](mailto:goldenacreseeds@xplornet.com)



#### BC Forage Seed Advisory Board

Stan Mracek, Chair BC  
Farmington, BC  
Email: [smracek@pris.ca](mailto:smracek@pris.ca)

Vic Willms, BC Grower  
Montney, BC  
Email: [vwillms@fsjmail.com](mailto:vwillms@fsjmail.com)

Reuben Loewen, BC Grower  
Prespatou, BC  
Email: [rloewen@gpnet.ca](mailto:rloewen@gpnet.ca)

#### AB Marketing Council

Freda Molenkamp-Oudman, Mgr.  
Policy & Proj., AB Marketing Council  
Phone: (780) 644 1507 or Email:  
[freda.molenkamp-oudman@gov.ab.ca](mailto:freda.molenkamp-oudman@gov.ab.ca)

#### Central Levy Office

Barry Willis, Levy Administrator  
Fax (250) 785 9388  
Email: [levy@peaceforageseed.ca](mailto:levy@peaceforageseed.ca)

#### BC Peace River Grain Industry Development Council

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

# Research Activities of PRFSA in 2009

## 1. Agronomy, Crop Rotation & Establishment Trials:

- Establishing Clovers With Clearfield Wheat  
Contacts: SARDA/ Yoder Year 1 of 4.
- Effect of Headline on Creeping Red Fescue Yields  
Contacts: Yoder Year 1 of 3.
- Rates of Nitrogen on Annual Crops Seeded into Alsike Clover  
Contacts: Ropchan/ Yoder Year 4 of 4.

## 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 3 Research Sites  
Contacts: Burton/ Lee/ Wolonshyn Year 3 of 6.
- Managing/ Assisting with 2 WGST Sites at Beaverlodge & FSJ  
Contacts: Burton/ Lee Year 3 of 6.

## 3. Weed Control & Herbicide Tolerance Trials:

- Broadleaf Herbicides for Weed Control in Grasses  
Contacts: Yoder/ SARDA Year 1 of 1.
- Herbicide Tolerance in Alsike and Red Clover Seed  
Contacts: Yoder/ SARDA Year 1 of 3.
- Herbicide Tolerance Trials of 4 Established Grasses to Infinity & Velocity  
Contacts: Yoder/ Lee/ AAFC Year 2 of 4.
- Tolerance of Seedling Grasses to Axial, Frontline, Infinity & Equinox  
Contacts: Yoder/ Lee/ AAFC Year 2 of 2.
- Tolerance of Grasses & Legumes to Pre-seeding and Pre-emergent Herbicides  
Contacts: Yoder/ Lee/ AAFC Year 2 of 4.

## 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  
Insecticide Trial & Monitoring  
Contacts: Otani/ Nemezc/ AAFC Year 3 of 4.
- Pheromone Trials  
Contacts: Evenden, Univ. of A Year 1 of 3.

## 6. Wildlife Damage to Forage Seed Crops Study:

- Assessing Impacts of Wildlife Grazing on Forage Seed Crops  
Contacts: Aasen/ Robinson/ Burton Year 1 of 2.



### Research results are:

- \* presented at seminars
- \* shared during tours
- \* summarized in articles in the Forage Seed News magazine
- \* compiled into annual updates like the Herbicide Tolerance publication in Apr or biannual Industry Rep Update in Feb
- \* available on our website at [www.peaceforageseed.ca/pages/research\\_projects.html](http://www.peaceforageseed.ca/pages/research_projects.html)



### Matching Funds

- PRFSA matches levy \$ if possible:
- \* PRAD contributed \$7,500 towards grass seed research trials located in BC in 2009.
  - \* Seed companies paid a total of \$8,640 entry fees for grass seed testing at 3 sites in BC, AB & MB.
  - \* Research partners further match our \$ outside of PRFSA accounts with contributions of over \$94,300 from SARDA, CPCS, AARD, AAFC.



## PRFSA Extension Activities in 2009

### 1. Sharing information with turf and forage seed growers:

Collaborating with MFSA to compile the **Forage Seed News** magazine and mailing it to over 1300 turf and forage seed growers in the Peace Region.

Herbicide Tolerance Update 2009 mailed May; 2010 Update being compiled.

Updating forage seed website, adding monthly market updates, more links, articles and publications with great industry information.

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

### 2. Organizing events to share information:

Agronomy Update for Forage Seed/ Forage for CCA Credits in Rycroft, AB on Feb 5.

Annual production and marketing seminars in the Peace Region. In 2009, a successful event was held at the North Peace Cultural Center in Fort St. John, BC on Thur Wed March 5.

Summer tours to various forage seed growing areas. In 2009, we had a great tour in the Donnelly - Falher area in AB on June 25.

Mini tour of the Peace & Manitoba was organized again for visiting researchers from Snow Brand Seeds on July 29 & 30.



### 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

Biomass Pilot Project with City of Dawson Creek

Contacts: Dave Wong, Sandra Burton



Communication & Extension Activities	PRFSA \$ in 2009
Forage Seed News, Publications & Packages to 1300 Growers & Members	\$39,600 or \$30/grower
Website Updating	\$3,500
Events, Seminars, Trade Shows, & Tours	\$16,100
Forage Seed Canada	\$2,000
BCAC, Wildlife Damage/ Committees/ Liaison	\$2,500
Total Cost to PRFSA	\$63,700

### Matching Funds

#### Examples of Matching Dollars:

- \* PRAD: \$1400 to events.
- \* PREDA: \$500 to seminar.
- \* Seed companies & agribusinesses: \$4500 to events.

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

## PRFSA Extension Events in 2010

**Production & Marketing Seminar Thur Mar 18, 2010 at Dunvegan Inn, Fairview, AB**  
**\$500 Travel Voucher Door Prize**

#### Topics include:

Common creeper markets,  
 Oregon research updates,  
 Case bearer pheromone trials,  
 Producers wisdom panel,  
 Joint AGMs

**Call: Sandra or Chris**  
 at 1 877 630 2198



**2010 Summer Tour**  
**Wed July 7th**  
**near FSJ- Baldonnel, BC**

#### Tour stops include:

WGST trials,  
 Growers grass seed fields,  
 Native grasses, Insect update,  
 Direct seeding experiences

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



## **PRFSA Thanks You for Your Support in 2009**



### **Thank You to 1300 Levy Paying Growers & Members**

#### **Thank You Research Partners**

Agriculture & Agri-Food Canada (AAFC)  
 Alberta Agriculture & Rural Dev (AARD)  
 BC Ministry of Agriculture and Lands (BCMAL)  
 Peace River Agriculture Development (PRAD)  
 Alberta Research Council (ARC)  
 Dr. Maya Evenden, Bio. Sci. Dep. Univ of AB  
  
 Manitoba Forage Seed Association (MFSA)  
 Central Peace Soil Conservation Society  
 Smoky Applied Research Association (SARDA)  
 Peace River Forage Association of BC  
 BC Grain Producers Association (BCGPA)  
 City of Dawson Creek (Biomass Project)  
  
 Prairie Pesticide Minor Use Consortium  
 Dow AgroSciences Canada  
 Dupont Canada  
  
 Western Canadian Grass Seed Testing (WGST)  
 Barenbrug USA  
 Brett Young  
 Pickseed  
 Snow Brand Seeds

#### **Thank You Associate Members**

Oral Benterud  
 Sandra Burton  
 Keith Carroll  
 Dave Forgie  
 Dale Gach  
 Heck Farms  
  
 Brian Johnston  
 Dave Juneau  
 Clair Langlois  
 Owen Lee  
 James Obniawka  
 Hans Olsen  
  
 Nora Paulovich  
 Don Pedersen  
 Julie Robinson  
 Barry Willis  
 David Wong  
 Calvin Yoder  
 Aaron Zylstra

#### **Thank You 2009 Event Sponsors**

**PRAD**  
 Ag Vision Seeds Ltd  
 Beaver Plastics Ltd.  
 Bio Vision Seed Labs  
 Brett Young  
 Dow Agro Sciences  
 Gold Medal Seeds.  
 Golden Acre Seeds  
 Moore Seed Processors  
 Parkland Industries  
 Peace River Seed Co-op  
 Pickseed  
 Rolla Ag Services

#### **Thank You 2009 Travel Voucher Sponsors**

Brett Young  
 Dynamic Seeds  
 Golden Acre Seeds  
 Moore Seed Processors  
 Peace River Seed Co-op  
 Pickseed

#### **Thank You Corporate Members**

Ag Vision Seeds Ltd.  
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 Beaver Plastics Ltd.  
 BioVision Seed Labs  
 Brett Young  
 Cargill Agronomy Team  
 Dow AgroSciences  
 Dynamic Seeds Ltd.  
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