

## PRFSA Strategic Planning Process in 2008 & Progress To Date (as of December 2011)

### Process:

#### Planning Session 1 January 15, 2008 at Spirit River Rink

**Present:** Ed Hadland, Vic Willms, Wayne Longson, Terry Chaibos, Bernie Schoorlemmer, Mike Rudakewich, Heather Kerschbaumer, Todd Smith, Allan Gifford, Glynn Evans, Calvin Yoder, Dave Wong, Jennifer Otani **Regrets:** Arthur Hadland, Oral Benterud, Dave Wuthrich, Stan Mracek, Richard Slater, Cliff Mikula, Dave Forgie, Henry Vos, Edmund Rath, Raymond Walker, Darrell Watson, Kerry Clark.

**Facilitating:** Julie Robinson, Sandra Burton

#### Planning Session 2 January 31, 2008 at GDI, Dawson Creek

**Present:** Vic Willms, Heather Kerschbaumer, Todd Smith, Dave Wuthrich, Stan Mracek, Calvin Yoder, Dave Wong, Kerry Clark, Jennifer Otani (by conference call for part of meeting)

**Facilitating:** Julie Robinson, Sandra Burton

#### Planning Session 3 November 25, 2009 at Spirit River Rink

**Present:** Bernie Schoorlemmer, Todd Smith, Heather Kerschbaumer, Allan Gifford, Calvin Yoder, JP Pettyjohn, Reuben Loewen, Bob Noble, Nora Paulovich, Derek Dreger, Mike Rudakewich, Danny Limoges.

**Facilitating:** Julie Robinson, Sandra Burton

#### Planning Session 4 February 15, 2010 by Conference Call

**Present:** Vic Willms, Rick Friesen, Heather Kerschbaumer, Todd Smith, Reuben Loewen, Stan Mracek, Calvin Yoder, Dave Wong, Kerry Clark, Jennifer Otani

**Facilitating:** Sandra Burton

### Steps in Discussions:

Participants then listed their priorities for the next 5 years. Topics were grouped into 4 groups. Participants then rated their top priorities with checks. # of checks agreed on for each group of topics was:  
Marketing - 1, Production – 1, Communication – 2, Research – 3.

Feedback, additional priorities and corrections since last session, were circulated. The Board of Directors reviewed each item raised in earlier sessions and rated each in terms of priority, achievability and urgency. Next steps were identified and “a champion” for each priority.

Progress to date was added. (last update December, 2011)

**Our Vision:** To improve the quality, consistency and the profitability of the turf and forage seed industry in the Peace River Region.

### Our Accomplishments Over the Last 5 Years:

(as Identified by whole group)

1. Established the forage seed levy in both BC and AB
2. Turned competition into friendly cooperation with seed trade talking to each other, as well as with government and farmers; have recognized we are all in this together
3. Maintained/created unified Peace Region for both BC and AB growers, processors and researchers
4. Were heard by AAFC Research Branch & were an effective lobby voice
5. Partnered successfully with other groups like SARDA, Central Peace Conservation Society
6. Have been successful in securing outside matching funding
7. Have taken on coordinating the Western Canadian Grass Seed Testing Program
8. Submitted applications for Minor Use Registrations (11 new registrations since 2002)
9. Collaborated on the Case Bearer larvae in clovers study
10. Responded to new problems as they arose
11. Have successfully got research information out into fields
12. Distributed herbicide update by Calvin and Dan Cole each spring to over 1000 growers
13. Distributed Forage Seed News and production information to more growers
14. Gained better consistency and quality with less weeds in last 5 years
15. Brought government people, buyers, agribusiness, farmers and researchers into one room
16. Learned from each other, from discussions at tours, at seminars and from spin offs afterwards
17. Worked well in cooperation with other provinces & have been more effectively organized
18. Have a reputation from outside our area as a “good group of guys”
19. Have been a role model for other associations
20. Accomplished most of goals from last strategic plan

## Marketing/ Processing Concerns & Priorities for Next 5 Years:

Priority	Ratings	Champion	Next Steps (as initially visualized)	Progress to Date (as of Dec 2011)
<b>1. Fuel as a new buyer in the market place</b>	High Priority Low Urgency Low Achievability  2011: Low Priority	Dave Wong Sandra Burton Calvin Yoder ARC research team	<ul style="list-style-type: none"> <li>- continue with current project with ARC: sampling grass seed straws for pelleting for bioheat study</li> <li>- keep current on research projects i.e. Europe</li> <li>- support research on new varieties of forages or adaptability trials with desirable biomass/straw characteristics e.g. switch grass in Manitoba</li> <li>- conduct a survey on quality of grass seed straws as a source of cellulosic fibre for ethanol</li> <li>- look into partnering with BCGPA on their biofuel research, if grass straws included.</li> <li>- exploring options for FS by-products – electricity, methane (HK, AG, DD, DL, CM)</li> </ul>	<p>Concerns:</p> <ul style="list-style-type: none"> <li>- removing aftermath &amp; fertilizer required</li> <li>- livestock producers need straw</li> <li>- biofuel/ bioheat market sustainable?</li> </ul> <p>Progress to date:</p> <ul style="list-style-type: none"> <li>- pilot biomass project with City of Dawson Creek using fescue straw for bioheat/ power, Emanuel speaking Nov 13</li> <li>- partnered with ARC to get samples analyzed from fall 2007</li> <li>- exploring partnership with ARC &amp; AB Ag to provide info to empower growers</li> <li>- Nov 2011 funds reallocated</li> </ul>
<b>2. Future of forage seed production</b>	High Priority Low Urgency Low Achievability	Todd Smith Heather Kerschbaumer	<ul style="list-style-type: none"> <li>- stay informed, follow trends</li> <li>- not much we can do as an association</li> </ul>	<ul style="list-style-type: none"> <li>- Todd provided forecasts for 2009 &amp; 2010 at Directors meetings &amp; AGMs</li> <li>- Rick Lusk update in Dec, 2011</li> </ul>
<b>3. Native seeds for oil &amp; gas or forestry industries</b>	Medium Priority High Urgency Med Achievability  2011: High Priority	Kerry Clark Heather Kerschbaumer Dave Wong Todd Smith Stephanie Haight Keith Carroll Gino Morrone	<ul style="list-style-type: none"> <li>- operating outside of CSGA, no grade tables/ certificates</li> <li>- grower awareness re: importance of clean seed</li> <li>- currently have a brochure that was used at Oil &amp; Gas Trade Show, but needs updating</li> <li>- update &amp; compile higher quality brochure(s) for end users (DW, HK)</li> <li>- need to improve CSGA- inspector-grower-market connections re: improvements to the inspector training, keeping tags, etc. Starting with a letter to CSGA/ CFIA (KC, DW, TS)</li> </ul>	<ul style="list-style-type: none"> <li>- BC Forestry &amp; Range staff initiating handbook of recommendations</li> <li>- PRFSA invited to be part of working meetings and review compiled manual</li> <li>- supporting seed research project</li> <li>- seeding manual for BC in progress</li> <li>- website better and easier to update than brochures</li> <li>- investigate reclamation species demand &amp; acres</li> </ul>
4. Differentiate between turf & forage seed markets	Low Priority Low Urgency Low Achievability Now Med Priority	Sandra Burton Calvin Yoder Dave Wong	<ul style="list-style-type: none"> <li>- clarify turf seed vs. forage seed when communicating</li> <li>- i.e. brochures, website, ads</li> <li>- recognize 2 very different users &amp; markets</li> </ul>	<ul style="list-style-type: none"> <li>- compile brochure on what we grow and what we sell</li> </ul>
5. Peace Branding	Low Priority Low Urgency Low Achievability	Dave Wuthrich	<ul style="list-style-type: none"> <li>- contact Branding the Peace Association to see if there is a fit for some of our niche marketing</li> </ul>	<p>Concerns: - seed co. have their own labelling; - no impact on US markets</p> <p>- Branding the Peace Assoc discontinued</p>
6. Difference in price, mark up & perceptions	Low Priority Low Urgency Low Achievability			
7. Alternative uses for forage seed screenings	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- look at value added viewpoint re: screening pellets (NP, BS, MR)</li> </ul>	

## Communication and Extension Priorities for Next 5 Years:

Priority	Ratings	Champion	Next Steps (as initially visualized)	Progress to Date (as of Dec, 2011)
<b>1. Transfer technology effectively</b>	High Priority High Urgency High Achievability	Calvin Yoder Sandra Burton	<ul style="list-style-type: none"> <li>- revisit timing of events e.g. tour to late June</li> <li>- invite ag field people specifically to attend events</li> <li>- organize a winter update for MDs &amp; agribusiness</li> <li>- get PD/ Certified Education Units for crop advisors</li> <li>- continue F Seed News mail outs to 1000 growers</li> <li>- explore new formats like winter field days</li> <li>- update our booth &amp; attend larger tradeshow</li> <li>- learn from groups effective at advertising events</li> <li>- awareness re: foxtail barley &amp; annual bluegrass</li> <li>- explore better ways to get research info out</li> <li>- improve website, FSN articles linked</li> <li>- explore emailing, texting, market updates, niches</li> </ul>	<ul style="list-style-type: none"> <li>- moved tour to late June</li> <li>- organized a successful, well attended winter update with credits for Certified Crop Advisors in Feb 2009 &amp; 2011</li> <li>- got several talks at our annual seminar recognized for CCA credits</li> <li>- updated our booth &amp; participated in 2 trade shows spring 2009</li> <li>- advertized AGMs with a travel voucher</li> <li>- moved tours &amp; seminars to different areas, attracted new faces to our events</li> <li>- Calvin, Sandra &amp; Jeremy redesign 2011</li> </ul>
<b>2. Form a national forage seed association</b>	High Priority High Urgency Med Achievability	H. Kerschbaumer Bernie Legault Stan Mracek Dave Wong	<ul style="list-style-type: none"> <li>- dialog with other provinces &amp; groups</li> <li>- provide MFSA with feedback by Feb, 2008</li> <li>- participate in meetings, conference calls,</li> <li>- investigate funding options to increase activities</li> </ul>	<ul style="list-style-type: none"> <li>- Forage Seed Canada formed</li> <li>- bylaws reviewed, constitution signed</li> <li>- contingent went to Ottawa in 2009</li> <li>- position paper prepared on RR alfalfa</li> </ul>
<b>3. Attract people to Peace</b>	High Priority High Urgency Med Achievability	Todd Smith Calvin Yoder Sandra Burton	<ul style="list-style-type: none"> <li>- continue efforts to get positions filled at Beaverlodge including researcher, technician &amp; equipment</li> <li>- explore incentives for students</li> </ul>	<ul style="list-style-type: none"> <li>- Dr. Rahman Azooz assigned to FS</li> <li>- Pat Gansevles reassigned to program</li> <li>- contracts with retired researchers</li> <li>- student PD days &amp; link to Coop programs</li> <li>- Students returned 2<sup>nd</sup> and 3<sup>rd</sup> summers</li> </ul>
<b>4. Update growers each spring</b>	High Priority Medium Urgency High Achievability	Calvin Yoder Sandra Burton	<ul style="list-style-type: none"> <li>- continue the annual herbicide updates &amp; circulate to all growers</li> </ul>	<ul style="list-style-type: none"> <li>- updates compiled &amp; sent out in both 2008 &amp; 2009 &amp; 2010 &amp; 2011</li> </ul>
<b>5. Send rep to MU meetings in Ottawa</b>	High Priority High Urgency High Achievability	Heather Kerschbaumer Calvin Yoder	<ul style="list-style-type: none"> <li>- send a rep to priority setting meetings in Ottawa</li> </ul>	<ul style="list-style-type: none"> <li>- Heather participated in 2009</li> <li>- Heather &amp; Calvin participated in 2010</li> <li>- Calvin &amp; Tobin will participate in 2012</li> </ul>
<b>6. Send growers to Oregon/ other seed meetings</b>	High Priority High Urgency Med Achievability	Dave Wong	<ul style="list-style-type: none"> <li>- encourage &amp; source funding for growers to participate in Oregon meetings in Dec</li> </ul>	<ul style="list-style-type: none"> <li>Dave secured Growing Forward funding for group in 2010</li> </ul>
7. Use our unified voice to link with other groups & revitalize research	High Priority Medium Urgency Low to Medium Achievability	Todd Smith Calvin Yoder Sandra Burton	<ul style="list-style-type: none"> <li>- show leadership &amp; push for unified research plan</li> <li>- push for an AB Peace Producers Association</li> <li>- coordinate research, info, &amp; events between SARDA, PRFSA, NPARA, Beaverlodge (MR)</li> </ul>	<ul style="list-style-type: none"> <li>- NPARA compiling region wide newsletter</li> <li>- Calvin &amp; Sandra partnering with NPARA, SARDA, AAFC for trials &amp; events</li> <li>- links with Univ of AB</li> </ul>
8. Compile stats by crop for setting priorities	Medium Priority Medium Urgency Med Achievability	Dave Wong Rick Friesen Calvin Yoder Sandra Burton	<ul style="list-style-type: none"> <li>- visit each seed processor showing them stats available from MFSA from same companies</li> <li>- get companies all reporting in unified format</li> <li>- revisit legislation &amp; regs to see what is possible</li> </ul>	<ul style="list-style-type: none"> <li>- compiled for 2008 &amp; 2009</li> <li>- 2010 in progress</li> </ul>
9. Investigate SR&ED tax credits	Medium Priority Medium Urgency Med Achievability	Rick Friesen Sandra Burton	<ul style="list-style-type: none"> <li>- contact CRA to see if levy dollars going into research can receive a SR&amp;ED tax credit</li> <li>- get update from Rick Friesen on how Secan made it</li> </ul>	<ul style="list-style-type: none"> <li>- started dialog/ process with both Alberta &amp; BC CRA offices; Rick has contact in Sask specialized in working with commissions</li> </ul>
10. Other ideas			-	

## Production Issues & Priorities for Next 5 Years:

Priority	Ratings	Champion	Next Steps (as initially visualized)	Progress to Date (as of Dec, 2011)
1. Legumes in rotation, fertilizer & pest management	High Priority Low Urgency High Achievability	Sandra Burton Calvin Yoder	<ul style="list-style-type: none"> <li>- summarize past research</li> <li>- investigate hiring contractor</li> <li>- communicate &amp; get info out to growers</li> <li>- \$ value of having forages in rotations</li> <li>- scan old documents &amp; add to website</li> </ul>	<ul style="list-style-type: none"> <li>- article in FS News</li> <li>- chapter in AB Forage Manual</li> <li>- chapter in recent Grasslands (Jennifer)</li> <li>- National Grasslands &amp; Forage Association compiling value of forages for each province</li> </ul>
2. Underseeding winter wheat/ fall rye to fescue, clover & other forage crops	High Priority High Urgency Med Achievability	Gary Ropchan Calvin Yoder Bernie Schoorlemmer	<ul style="list-style-type: none"> <li>- work with applied research group to eliminate clip yr</li> <li>- research weed control issues if this system developed</li> </ul>	<ul style="list-style-type: none"> <li>- Gary Ropchan gave an update of his research at seminar in 2009</li> <li>- re-emphasized at Nov 2009, looking to renew partnership</li> <li>- included in DIAP project workplan</li> <li>- trial initiated at Beaverlodge in fall 2011</li> </ul>
3. Production insurance & wildlife damage compensation	Medium Priority High Urgency High Achievability	Terry Chaibos Bruno Osterwalder Vic Willms	<ul style="list-style-type: none"> <li>- in AB: continue pushing for insurance for establishment, winterkill and drought</li> <li>- provide models from other provinces e.g. BC model for forage establishment</li> <li>- look into options for commercial vs. pedigree seed producers</li> <li>- In BC: no coverage in the swath is an issue</li> <li>- Wildlife: participate in meetings with other producer groups to design a compensation pkg for BC Peace</li> <li>- continue efforts to harmonize and coordinate between provinces</li> </ul>	<ul style="list-style-type: none"> <li>- in AB: meetings in Fairview Feb 2009</li> <li>- in BC: meetings in FSJ in Feb 2009, 2010</li> <li>- Wildlife Study initiated, Arvid Aasen hired as lead researcher for project, IAF/ ARDCORP matching funds</li> <li>- co-operators/ sites selected, fall sampling, exclosures rented/ set up trials &amp; monitored for 2 winters</li> </ul>
4. Soil fertility info	High-Med Priority Medium Urgency High Achievability	Calvin Yoder Sandra Burton	<ul style="list-style-type: none"> <li>- set up trials or demos</li> <li>- summarize past work</li> <li>- 2011: need for P2O5 or S work ?? but concerns differences difficult to measure, pH, yield &amp; seed wt</li> </ul>	<ul style="list-style-type: none"> <li>- contacted N. Fairey to compile past work</li> <li>- set up trial/ demo in Manning area</li> <li>- set up 2 new trials in Beaverlodge area</li> <li>- compiled a factsheet for fescue</li> </ul>
5. Fertilizer & liquid fertilizer issues	Medium Priority Medium Urgency Med Achievability	Dave Wuthrich Gordon Hill Heather Kerschbaumer	<ul style="list-style-type: none"> <li>- deal with increased demand/ cost of N-P-K-S</li> <li>- support FNA &amp; Own Use Import program to get 34-0-0 across the US border or Russia</li> <li>- contact Heather McBey to see what trials have already been done</li> <li>- re affirm priority may be role for national board, why some fertilizers not available in the Peace (DD, CM, VP, JP, DL, BN)</li> </ul>	<ul style="list-style-type: none"> <li>- farmers are aware of FNA</li> <li>- can order 34-0-0 2 to 3 months in advance</li> <li>- article in recent For Seed News or Alberta (Heather)</li> <li>- more questions to Calvin re: use of liquid fertilizer</li> <li>- Dirks custom anhydrous ammonium application</li> </ul>
6. Long term storage forage seed	Med-Low Priority Low Urgency Low Achievability	Bernie Schoorlemmer Dave Hegland	<ul style="list-style-type: none"> <li>- storing dry vs. tough</li> <li>- quality/germination</li> <li>- bagging demo (AG, BC, MR)</li> </ul>	<ul style="list-style-type: none"> <li>Concerns: warning in Western Producer</li> <li>- mainly of interest to larger producers</li> <li>- speaker at 2010 seminar</li> </ul>

**Research Highest Priorities for Next 5 Years:**

Priority	Ratings	Champion	Next Steps (as initially visualized)	Progress to Date (as of Dec, 2011)
<b>1. Case bearer in red clover</b>	High Priority High Urgency High Achievability	Jennifer Otani Maya Evenden Sandra Burton	<ul style="list-style-type: none"> <li>- continue to collect info from 1<sup>st</sup> yr crops</li> <li>- explore doing pheromone research</li> <li>- investigate biocontrol methods</li> <li>- explore funding opportunities for these projects.</li> </ul>	<ul style="list-style-type: none"> <li>- PRFSA partnered with U of A researchers on pheromone trials</li> <li>- update from Maya Evenden at 2009 &amp; 2011 tour</li> <li>- article by Boyd Mori in FSN Winter 2010</li> <li>- Jennifer working with international biocontrol research group</li> <li>- funding by DIAP/ PRFSA/ ACIDF</li> </ul>
<b>2. Respond to insect problems as they arise</b>	High Priority High Urgency High Achievability	Jennifer Otani Amy Nemezc Sandra Burton	<ul style="list-style-type: none"> <li>- as specific need arises, JO will approach PRFSA for support</li> <li>- regular updates to website</li> </ul>	<ul style="list-style-type: none"> <li>- cutworm research for 2010 &amp; 2011</li> </ul>
<b>3. Zero till research for both going in/ out of forage seed &amp; annual crops</b>	High Priority High Urgency High Achievability	Calvin Yoder Terry Chaibos Dave Wuthrich CPCS SARDA	<ul style="list-style-type: none"> <li>- review what we have learned &amp; compile zero till/ rejuv</li> <li>- continue work on fall &amp; spring spraying fescue control</li> <li>- spring spraying for direct seeding canola into fescue</li> <li>- set up mower/ herbicide applicator trials in Falher area with SARDA</li> <li>- organize workshop or field day</li> <li>- regrouping for next priorities, projects &amp; partnerships for rejuvenation of fescue without tillage</li> </ul>	<ul style="list-style-type: none"> <li>- discussions of this topic at our events</li> <li>- pre seeding burnoffs now included in all herbicide tolerance trials</li> <li>- data compiled &amp; Prepass has MU registration</li> <li>- ongoing part of our research, always investigating better methods</li> </ul>
<b>4. Herbicide trials &amp; minor use work</b>	High Priority High Urgency High Achievability	Calvin Yoder Dan Cole MFSA	<ul style="list-style-type: none"> <li>- join Prairie Pesticide Minor Use Consortium</li> <li>- have good cooperation &amp; good data</li> <li>- need person dedicated to compile MU submissions</li> <li>- continue to send tolerance data</li> </ul>	<ul style="list-style-type: none"> <li>- paid a membership for 2008 to 2011</li> <li>- hired Rudy Esau (now Dr. Ken May) to compile MU applic.</li> <li>- successfully got 11 MU through in last 6 yr</li> </ul>
<b>5. Grass seed variety trials, new species, varieties and approaches to trials</b>	High Priority High Urgency High Achievability	Sandra Burton Rahman Azooz Todd Smith Calvin Yoder Jennifer Otani	<ul style="list-style-type: none"> <li>- increase the number of sites</li> <li>- continue to dialog with Ag Canada re pivotal role of Beaverlodge station</li> <li>- urge more companies to participate</li> <li>- alfalfa, crimson clover, arrow clover, warm season grasses &amp; winter hardiness</li> <li>- alternative energy species</li> </ul>	<p>Concerns: sites decreasing</p> <ul style="list-style-type: none"> <li>- companies decreasing</li> <li>- more &amp; more subsidization by PRFSA</li> </ul> <p>Progress: collaborated with AAFC staff to obtain DIAP funds for 3 years</p> <ul style="list-style-type: none"> <li>- Rahman Azooz &amp; Pat Gansevles assigned to forage seed program in 2011</li> <li>- surveyed companies for feedback</li> <li>- expanding list of companies &amp; breeders</li> <li>- Beaverlodge becoming main site again</li> <li>- phasing out FSJ &amp; Arborg site, phasing in Manning/ NPARA as new site</li> <li>- focus on testing new species as available</li> <li>- new species in trials</li> </ul>
<b>6. Legume seed production trials</b>	High Priority High Urgency Med Achievability 2011: Low Priority	Heather & John Kerschbaumer Jennifer Otani	<ul style="list-style-type: none"> <li>- setup comparison of swathing vs. straight cut</li> <li>- recognized as a longer term priority</li> </ul>	<p>Concerns: currently program restriction</p> <ul style="list-style-type: none"> <li>- low achievability now, but achievable in future</li> </ul>

<b>7. Improve research capabilities at Beaverlodge Station</b>	High Priority High Urgency Med Achievability	Jennifer Otani Todd Smith Calvin Yoder Sandra Burton	Next steps: Beaverlodge issues - continue to push to hire full time technicians - continue dialog with Ag Canada Dir Gens & Sci Dirs - continue dialog with MPs in GP and FSJ Next steps: PRFSA researcher - list what we need done & document gaps until they justify hiring PRFSA researcher	- Tom Cramer on contract in 2008 & 2009 - Dr. Rahman Azooz & Pat Ganselves dedicated to forage seed trials in 2011 - collaborated with AAFC staff to compile DIAP proposal & 3 years of funding - continued dialog with Dir Gens & Sci Dirs (3 since original 5 yr plan) - mtg with Paul McCaughey & Frances Nattress - Jennifer Otani coordinating both forage seed & entomology programs as of 2011
<b>8. Current weed control issues</b>	High Priority Medium Urgency Medium Achievability	Calvin Yoder Kerry Clark	Next steps: re: foxtail barley in fescue and brome - urge agencies to identify foxtail barley as invasive - review any research for biological control options - promote awareness/education on how to control Next steps: re: responding to other weed problems - keep current with issues e.g. weed control for alfalfa & clover crops or weed issues from climate change - recommend initiatives to address issues as they arise	Concerns: no effective herbicides found for control of foxtail barley; no access to herbicides for annual bluegrass Progress: - on national priority list "with no solution to date" - initiating a trial to control annual bluegrass with Arthur Hadland but still searching for a good product

**Research Second Tier Priorities for Next 5 Years:**

Priority	Ratings	Champion	Next Steps (as initially visualized)	Progress to Date (as of Dec, 2011)
9. Develop a better creeping red fescue than Boreal	Medium Priority Medium Urgency Med Achievability  Lower Priority after investigations	Vic Willms Sandra Burton Brian Holl	- investigate why Oracle not widely accepted & used - contact Brian Holl to see what is happening with some of the other selections & how color ratings/ selections are made - urge breeders to develop early maturing varieties - increase our understanding of how Boreal and any substitute is marketed in Europe & US - investigate developing better varieties for biofuel/ bioheat industry - continue dialog with Ag Canada researchers	Concerns: - research \$\$ linked to markets & ability to recoup costs after variety developed - to take a new variety all the way through initial regional testing to tested in US and European trials through to successful markets is a long term commitment - benefit to growers but no marketing benefit Progress to date: - researched Oracle traits & color ratings - unsuccessful contacting Brian Holl - dialog with Rick Lusk in 2011 not positive
10. Carbon credits with forage crops	Medium Priority High Urgency High Achievability	Bernie Legault BSchoorlemmer Sandra Burton	- find out sequestration rates for forage seed crops & our soil types - obtain info/ research results & share this info - 2011: talk with Marcel Limoges from Agritrend for any updates	- evaluated HOLOS program with a few forage seed growers - Bernie Legault attending carbon meetings hosted by Viterra - still no formulas for calculating carbon credits from forage - no credits for current good management, only new changes to management

11. Fungicide trials & disease control	Medium Priority Medium Urgency Med Achievability	Calvin Yoder Reuben Loewen/ Fosters/ BY	<ul style="list-style-type: none"> <li>- investigate future project with stem eyespot control</li> <li>- setting up on farm trials with Headline on fescue</li> </ul>	<p>Concerns:</p> <ul style="list-style-type: none"> <li>- challenging to set these trial up</li> <li>- needs to be an in depth project</li> <li>- need to monitor for 5 yr or more</li> <li>- small plot combining constraint in past trials/ demos setup by Calvin Yoder, Rahman Azooz &amp; Allen Gifford</li> </ul>
12. Working with growth regulators	Low Priority Low Urgency High Achievability	Calvin Yoder	<ul style="list-style-type: none"> <li>- commonly used in Europe &amp; US but expensive</li> <li>- used in Southern AB with irrigation</li> </ul>	<ul style="list-style-type: none"> <li>- setup trials at 2 sites in 2009</li> <li>- results not encouraging or consistent in our climate in Peace Region</li> </ul>
13. Long term crop/forage rotations	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- need long term research for rotations &amp; market cycles</li> <li>- continue research on rotation options/ alternatives</li> </ul>	-
14. PRFSA long term researcher	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- revisit this option in mind if any more gaps widen as Beaverlodge station erodes further</li> </ul>	changes in people at Beaverlodge decreasing gaps as of 2011
15. Environmental ecologist researcher at Beaverlodge	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- climate change is the key term</li> <li>- define what we want from this in terms of agronomics/ pesticide</li> </ul> <p>Environment-Health Canada-Ag Canada</p>	- Not achievable under current situations
16. Research alternatives to burning	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- need to find alternatives to burning residues (MR)</li> </ul>	
17. Explore fescue pellets for feed	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- explore pea flour as binding agent for pelleting fescue straw/screening for animals foods</li> </ul>	
18. More research suggestions from growers/ members	Low Priority Low Urgency Low Achievability		<ul style="list-style-type: none"> <li>- Tall fescue trial or summaries of past trials</li> <li>- Different openers, disc vs. hoe</li> <li>- Organic seed production</li> </ul>	