

Title of Project: BC Forage Seed Research Trials
Report Title: Annual Report
Report Covering Period: April 1, 2006 to March 31, 2007

Organization(s): Peace Region Forage Seed Association

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Objectives:

- To provide a location for a variety of groups to conduct forage seed & forage research in the BC Peace over the next three years.
- To provide for proper care and management of the site.
- To establish a long term working arrangement with the owner of the field.

Accomplishments:

- Lothar Torheiden continued as contractor for the 2006 season to carry out or coordinate all activities at the site.
- Organized seeding of new timothy trials (fee for service basis by BCGPA Research crew).
- Labeled plots, put up signs.
- Controlled weeds in areas that were not in production with Roundup, mowing, and manual pulling.
- Rotovated out-of-production trials.
- Sprayed Prestige and Assure II as part of a weed control program.
- Mowed headlands and pathways between reps regularly throughout the season to maintain tidy appearance and prevent plants from going to seed.
- Checked seed for ripeness and harvested each variety of fine fescue and timothy that was seeded in 2003, 2004 and 2005, as they ripened.
- Hung samples in wooden bin as they were harvested over the summer to keep them aerated.
- Samples were brought to Beaverlodge for thrashing and cleaning.
- Raw data from Beaverlodge was sent to Art Kruger in Brooks.
- Plots were fall fertilized with Nitrogen fertilizer (fee for service basis by BCGPA Research crew).
- Equipment was maintained.
- The board of the PRFSA was informed of the year's activities through a short report.
- Funding application for 2007 funding was submitted to PRAD.

Tasks in progress:

- None

Extension and demonstration:

- Report to PRFSA board

Comments:

- Only timothy varieties were seeded in 2006. This seeding did not emerge because of soil crusting leaving only the 2005 seeded varieties of fine fescue and timothy to be harvested in 2007. This might provide the opportunity to look at moving the trial site to a new location since the current site has some problems with low spots that stay wet in spring and with soil crusting. It is also somewhat out of the way.
- The commitment of local producers to this project is strong. They provided ample support through the provision of advice, machinery and storage facilities. Special mention deserve Arthur and Laurel Hadland, Ed and Lori Hadland, Sunrise Stock Farm/the Clarke Family, Dale and Darlene Hadland and Glen Aalhus.
- The project still serves a need of the industry. This need varies. In 2006 there were nine new entries; all timothy varieties. By serving this need this project makes a valuable contribution to keeping local producers informed and appraised of developments in the industry and it gives them chance to evaluate the opportunities for their own businesses.

Attachments: Financial information on income, contributions in kind & expenses attached.

**Peace Region Forage Seed Association
Harvest Results for 2006 in grams/10m row**

2003 Seeded Timothy Samples

101. DP 70-9802	201. Climax 40	301. Gr. Charlton 71	401. Winnetou 103
102. Climax	202. Winnetou 93	302. SBT 9501 91	402. DP 70-9802 86
103. DP 70-9707	203. SBT 9501 74	303. Climax 85	403. Climax 46
104. Gr. Charlton	204. DP 70-9707 31	304. Winnetou 88	404. SBT 9501 95
105. SBT 9501	205. DP 70-9802 129	305. DP 70-9707 23	405. Gr. Charlton 53
106. Winnetou	206. Gr. Charlton 110	306. DP 70-9802 167	406. DP 70-9707 27

The 100 rep was not harvested because of herbicide damage. The herbicide was sprayed on the surrounding crop by the co-operator and drifted onto the plots.

2005 Seeded Timothy Samples

101. Climax 165	201. BRFLAL1 255	301. BRFLAL1 249	401. Climax 162
102. BRFLAL1 232	202. Climax 173	302. Climax 170	402. BRFLAL1 249

2004 Seeded Fescue Samples

101. B-1234 70	201. BRFB2 59	301.Oracle 185	401. Eugene 224
102. Eugene 122	202. Reverent 82	302. B-1234 75	402. BRFB2 253
103. Boreal 148	203. Eugene 75	303. Reverent 150	403.Oracle 257
104. BRFB2 129	204. B-1234 132	304. Boreal 158	404. Reverent 166
105. Reverent 156	205.Oracle 208	305. Eugene 179	405. Boreal 182
106.Oracle 244	206. Boreal 160	306. BRFB2 132	406. B-1234 40

2005 Seeded Fescue Samples

101. BRFB2 289	201. Boreal 366	301. BRFB1 302	401. BRFB2 331
102. BRFB1 m	202. BRFB2 316	302. BRFB2 395	402. Boreal 295
103. Boreal 321	203. BRFB1 348	303. Boreal 317	403. BRFB1 m