

2007 PROJECTS and MAP



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| 1. Dwarf sour cherries and blue honeysuckle | 13. Dense nesting cover |
| 2. Xeriscape garden | 14. Forage quality reduction after spraying alfalfa with glyphosate before first cut |
| 3. Herb garden | 15. Potential for spray drift damage on forage buffer strips |
| 4. Woodlot | 16. White spruce field shelterbelt |
| 5. Siberian larch line test | 17. Corn Maize |
| 6. Tree establishment and weed control | 18. Native plant diversity study |
| 7. Fruit shrubs | 19. Forage demonstration plots (SW seed) |
| 8. Weeder geese and mulches to control weeds | 20. Forest belt |
| 9. Riparian barriers | 21. HybriForce 400 hybrid force alfalfa (Brett-Young) |
| 10. Novel crops | 22. Green ash field shelterbelt |
| 11. Rented out land | 23. Saskatchewan Forage Variety Trial test plots |
| 12. Shelterbelt species garden | |

School Program

Focus: Integration of food production with environmental health and preservation of wildlife habitat

Saskatchewan curricula-based, hands-on learning experience for Grades 3-11

- Risks and Limits course available for Grades 8-11
- Water Watchdog and Click on Climate available courtesy of *Partners for the Saskatchewan River Basin*

~1,500 students each year (with 200+ accompanying educators and parents)

Reach is 305 schools within a two-hour radius

Supported by: Saskatchewan Canola Development Commission (SCDC), National Sciences and Engineering Research Council (NSERC) PromoScience, SaskEnergy, and many other in-kind supporters are acknowledged through the school program

Small-scale Demonstrations and Projects



1. FORAGE QUALITY REDUCTION AFTER SPRAYING ALFALFA WITH GLYPHOSATE BEFORE FIRST CUT
Project to determine the feed value of alfalfa in its year of termination, when it is sprayed with glyphosate before first cut

Supported by: Agri-ARM – Saskatchewan Agriculture and Food, Saskatchewan Agriculture and Food (Tom Boyle), Ag Knowledge Centre (Andre Bonneau), University of Saskatchewan (Rick Holm)



2. POTENTIAL FOR SPRAY DRIFT DAMAGE ON FORAGE BUFFER STRIPS
Project to collect a photographic library of spray drift damage from glyphosate, glufosinate, 2,4-D and sethoxydim on various grass and legume forage species

Supported by: Agri-ARM – Saskatchewan Agriculture and Food, Saskatchewan Agriculture and Food (Tom Boyle), Ag Knowledge Centre (Andre Bonneau)



3. INVESTIGATING CROP DEVELOPMENT OPPORTUNITIES IN NORTH CENTRAL SASKATCHEWAN
Small garden plots seeded May 25th
Crops include: sunflower, fibre flax, flax, crambe, oilseed radish, niger, high erucic acid rapeseed (HEAR), camelina, soybean, edamame, faba bean, pintium (pinto bean), chickling vetch, fenugreek, buckwheat, prairie carnation, turnip, golden german millet, corn, kamut, red fife, wheat

Supported by: Agri-ARM – Saskatchewan Agriculture and Food, Saskatchewan Agriculture and Food (Tom Boyle and Shannon Urbaniak), Ag Knowledge Centre (Andre Bonneau),

4. DWARF SOUR CHERRIES
 Varieties: Sask Carmine Jewel, SK7-7-5.8, SK7-19-27.6, SK7-21-16.3, SK7-21-31.0, SK7-32-19.1
 Planted: 30 May 2005
Supported by: Agri-ARM – Saskatchewan Agriculture and Food, Prairie Plant Systems
5. BLUE HONEYSUCKLE (HASKAP)
 Varieties: Lazurnaya, Ognennyi Opal, Goluboe Vereteno, Berel, Gerde, Zolushka
 Planted: 6 July 2005
Supported by: Agri-ARM – Saskatchewan Agriculture and Food, University of Saskatchewan

Funded Projects

1. RIPARIAN MANAGEMENT IN A CULTIVATED LANDSCAPE
 Target Carrot River Watershed annual crop producers
 Encourage BMPs for annual crop producers around riparian areas
 Assist producers to ‘square-up’ fields
 Established demonstration sites at Kinistino, Melfort (2), Armley
 Hold field days and workshops to facilitate BMP adoption
Supported by: Greencover Canada Technical Assistance Program, Agriculture and Agri-Food Canada, Saskatchewan Agriculture and Food, Saskatchewan Water Authority
2. CONSERVATION AND KIDS – EDUCATING YOUTH ABOUT CONSERVATION, THE ENVIRONMENT AND PRIMARY FOOD PRODUCTION
 Work with young Saskatchewanians to inspire an interest and awareness in science and our environment
 Provide hands-on experiences with soils, plants, water habitats, wildlife, and our agriculture sector
 Increase awareness of conservation in agriculture production; its importance and impact on soils, water and wildlife habitat
 Curriculum based content in the program works with the educators and students
Supported by: PromoScience, Natural Sciences and Engineering Research Council

Outside Research and Demonstrations at the CLC



1. Weeder Geese – Evaluating weed control in hybrid poplar with geese (*Saskatchewan Forest Centre*)
2. Weed Control Trial – various mulch controls (*Saskatchewan Forest Centre*)

Features at the CLC

1. Wetland Wonder Nature Trail (*Ducks Unlimited Canada*)
A 1 km trail through dense nesting cover (habitat for waterfowl, song birds, wildlife)
2. Corn Maize (*Monsanto*)
3. Riparian Forage Barriers Around Wetlands
4. Xeriscape Garden
5. Herb Garden
6. Woodlot (*Agriculture and Agri-Food Canada and Canadian Forestry Service*)
7. Shelterbelt Species Garden (*Agriculture and Agri-Food Canada*)
8. Siberian Larch Line Test (*Agriculture and Agri-Food Canada*)
9. Tree Establishment and Vegetation Control (*Agriculture and Agri-Food Canada*)
10. Fruit Shrubs
11. White Spruce Field Shelterbelt (*PFRA*)
12. Green Ash Field Shelterbelt (*PFRA*)
13. Environmental Containment Pit for Liquid Fertilizers
14. Forest Belt / Wildlife Corridor

On-Going Activities

1. Wild Plant Collection
2. Wildlife Survey

www.conservationlearningcentre.com

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Gold Sponsors (\$10,000+ per year)



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