

ADOPT

Agricultural Demonstration of Practices and Technologies

Final Report – Jan 31, 2011

ADOPT Project #20090003

Investigating crop development opportunities in NC Saskatchewan

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Objectives:

To demonstrate regional production potential of several novel crops.

To develop awareness of new crop opportunities.

To assist producers in making decisions on potential winners and losers without making major investments of their own.

To provide a venue for the introduction of crop industry development opportunities

Rationale:

This province has the ability to grow a wide range of differing crops. Although an ever increasing number of producers have shortened their rotation to a handful of crops, other crops are gaining interest from other producers. This project continues to be one of our most visited demos confirming producer interest in alternative crops.

Materials and Supplies:

Annual and perennial seed, signage, flags/posts

Results:

This demonstration plot proved to be one of the more popular in 2010. The wet conditions did not have the devastating effects that other projects at the CLC experienced. Producers were quite interested and several special mini-tours were held for individuals that became aware of the demonstration. It was also viewed by over 100 participants during CLC field days. The ancient grain varieties sparked the most interest with some producers stating they would add these grains into their crop rotation. The establishment of the herb plot was very well received, along with a surprising interest from whitetail deer hunters who inquired about forage turnips for food plots and others inquiring about their application as a lure crop to protect other specialty crops from deer damage



Conclusion:

Demos like this initiative provide producers a place to go and investigate the agronomics of possible cropping options. A very popular demo at the CLC, which drew the most producers to visit the farm on their own.

Tech Transfer:

Field Days:

Conservation Learning Centre – Annual Field Day – July 13th - 82 people

Conservation Learning Centre – 1st Nation Workshop - 13 people

Presentation by **Curtis Braaten** (Conservation Learning Centre) in March at Crop Talk 2011 in Prince Albert – 60 in attendance

Report on the project to be posted on our website
www.conservationlearningcentre.com

Supporting Information

Acknowledgements:

We would like to express our gratitude to the Ministry of Agriculture for the funding support and in-kind support with this project. To recognize the ADOPT program and the Ministry we had signage at the sites.

Abstract

Sixteen annuals along with eight perennials were highlighted in this demo. Our objectives were to demo regional production potentials of several novel crops as well as to develop awareness to new cropping options. Annuals were seeded with a hand planter in duplicate rows. These annuals were plotted beside each other with the perennials placed in a new location in our old garden area. All crops were seeded in May along with perennial bedding plants. Due to the varied crops, all weed control was done manually. All crops were sown into chemfallow - no fertilizers were used.



Finances*Budget reporting categories:*

	Year 1 (\$)	Total (\$)
Salaries and Benefits		
• Students/contracts	2000	2000
• Postdoctoral / Research Associates		
• Technical / Professional Assistants	3800	3800
Consultant Fees & Contractual Services		
Rental Costs		
• Rentals		
Materials / Supplies	800	800
Project Travel		
• Field Work		
• Collaborations/consultations		
Other		
• Field Day	300	600
• Administration	300	300
• Miscellaneous		
Total	7200	7200

Description of Finance Amounts

Salaries: all labour to conduct trial at research location calculated at
Contractual Service:

all labour to conduct trial at demo location calculated at \$350/treatment
 16 plots x \$300 = \$4800. Perennial plot development = \$1000

Materials and Supplies:

Seed, signs, posts/flags

Administration - \$300

Field Days – field day at \$300

Note: in-kind contributions from SMA include salaries and seed

