

ADOPT

Agricultural Demonstration of Practices and Technologies

Final Report – November 13, 2012

ADOPT Project #20100228

Fall Seeding Trends

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Objectives:

This project was intended to demonstrate the use of various fall seeding equipment by hosting a field day for producers in October. This day was to highlight optimum seeding dates, depths, drills, and various fall seeded crops.

Rationale:

The continued increase in farm size has producers looking for alternative ways to maximize their equipment costs. Fall seeding allows producers to increase their acre base without increasing equipment needs. Seeding in the fall reduces spring seeding times, freeing up valuable time for weed control. Crops seeded in the fall are generally ready for harvest prior to spring seeded, allowing for maximum use of your harvester.

The advancement of seeding technology continues to be very relevant to the producer. These advancements are particularly responsive to the smaller seed size crops. Camelina is an example of a very small seed size crop that response very well to fall seeding as well as these new seeding advancements.. Most equipment manufactureres now offer independent packing that has revelutionized the industry and facilitates these small seeds.

Materials and Methods:

This demo was to take place on an entire quarter section with approximentaly 120 acres cultivated. We had hoped to demonstrate various seeding tools on the "knob and kettle" topography at the farm; plot design was to be confirmed once total participants had been established.

Comparisons of drill performance and crop type were to be measured at emergence. We were to assess the level of producer participation.

Results:

Considerable work was undertaken to involve local machinery dealerships in the demonstration. However, we were unable to complete this demonstration because one or more dealerships backed out at the last minute in 2010 and again in 2011.



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.

Finances

Budget reporting categories:

	Year 1 (\$)	Total (\$)
Salaries and Benefits		
• Students/contracts		
• Postdoctoral / Research Associates	350	300
• Technical / Professional Assistants		
Consultant Fees & Contractual Services		
Rental Costs		
• Rentals		
Materials / Supplies		
Project Travel		
• Field Work		
• Collaborations/consultations		
Other		
• Field Day		
• Administration		
• Miscellaneous		
Total		650

Description of Finance Amounts

Salaries: labour to organize trial

