Native Plant Materials Co-operative

Moving Forward Towards Restoration

2015 Native Prairie Restoration & Reclamation Workshop January 28th & 29th, Saskatoon

Gramineae Services Ltd. & Dahl Bros Spraying Ltd.
Foothills Restoration Forum

“A Grass Roots Initiative”

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Forum Goals

- Stewardship
- Research
- Restoration
- Education
Why a Co-operative?

- Restoration to the pre-disturbance native plant community
- Recovery Strategies Project
- Lack of suitable plant material
- Oil Sands Vegetation Co-operative
- Canadian Native Plant Materials Exchange
- Existing supply and demand barriers

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Why is Restoration Important?

- Goods and services provided by native landscapes
- Cumulative effects of development activity in native landscapes

Photo Courtesy of Jane Lancaster, Kestrel Research Inc.

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The Recovery Strategies Project

Purpose:

- Provide a suite of recovery strategies for industrial disturbances in native grasslands.
- Provide a decision making pathway
- Dovetail with the 2010 Grassland Reclamation Criteria.
- Align with ESRD and GOA priorities
The Concept of Succession

The gradual replacement of one plant community by another over time.
Plant Community Succession on Wellsites

Pioneer

Seeded

Native Plant Community

Infilling of Native Species

Year

Recovery Strategies Project
Express Pipeline Revegetation Monitoring Project - 2010

- Time series data over 14 years
- Seed mixes
- Trials
- Wild-harvested seed
- Natural recovery
- Sod salvage
Recovery Strategies Project

Recovery Strategies Documents

Recovery Strategies for Industrial Development in Native Prairie

Dry Mixedgrass

Natural Subregion of Alberta

First Approximation

February 2013

Recovery Strategies for Industrial Development in Native Prairie

Mixedgrass

Natural Subregion of Alberta

First Approximation

March 2014
Key Learnings for the Mixedgrass Natural Subregion

- Presence of invasive species will influence revegetation strategy selection
- Strategies for small disturbances in healthy range
  - Natural recovery
  - Assisted natural recovery
- Native seed mixes may be needed to compete with invasive species
Restoration Issues in the Northern Fescue NSR

- Invasive species are major barriers to restoration
- Persistent Non-native species
- Aggressive native cultivars
- Structurally taller native cultivars
- Natural recovery sites are prone to invasion
- Re-introducing plant materials to soil disturbances is necessary to compete with invasive species
2013 FRF
Information Session

Focused on a go forward plan to improve and secure native plant material supply chain

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Canadian Native Plant Materials Exchange
Hosted on Hardgrass.ca

Note: If you request a login and don’t see it soon, please check your junk folder.

• You do not need to be logged in or registered in order to view listings.
• You must be logged in to post listings. If you don’t have a login, please register. There is no charge.
• Please create a username as firstname.lastname e.g. bob.smith.jane.doe.
• When approved, modify your profile to suit how you want to appear in listings.
• There are NO financial terms or prices allowed in a listing.

The purpose of this website is to provide a communication tool that enables the exchange of information between producers and consumers regarding the availability of native plant materials for restoration and landscaping projects. The website is not intended to promote, recommend or approve through existing policy any transaction that might take place as a result of the exchange of information.

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Supply and Demand Barriers

- Volume orders
- Time frame
- Purchase orders
- One pre-approved contact
- Quality control

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Discussion

- Try out the website
- Funding to maintain website
- Is there an interest in forming a co-operative?

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