

Canada

Native Seed Provider & User Perspectives: Forward Contracts for Ecological Restoration

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Outline

- Contrasting Reclamation & Restoration
- Making "Agronomic Mountains" out of "Natural Molehills"
- Making case for Wild-Harvesting & Forward Contracts
- Case Study: Western Porcupine Grass





Contrasts (Gradients)





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Contrasts (Gradients)



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Agronomic Inertia

- Restoration user = small market, low volume & fluctuating demand.
- Economic/Business Model = expand market, increase supply, meet market demand, improve client loyalty & producer stability, & protect the public.
- BUT: Agronomic inertia ultimately loses diversity.
- AND: Agronomic solutions = much R&D time & \$.





Seen Another Way





Species Selection

- Start with ecoregion & ecosite.
- Make list of desired mix.
- Determine commercial supplies available (cultivar-wild, certifiedcommon, purity & viability).
- Forward contract for what is not available on the market.





Western Porcupine Grass



Western Porcupine Grass



Western Porcupine Grass



Source Location

- Start with ecoregion & ecosite:
 - Adaptability
 - Suitability
- Distance-decay relationship:
 - Genetic context
 - Transportation costs
 - Weed risks





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Lessons Learned - User

- Guaranteeing a price and delivery date 8-14 months prior to planting allows time for planning and budget inputs.
- Gives time to adequately prepare the recipient site, and do additional seed analysis tests.
- Lowers purchase price and improves outcome to use seed with 'beneficial' impurities.
- Eases mind and reduces stress.





Lessons Learned - Provider

- Guaranteeing a price and delivery date 4-6 months prior to harvest allows time for planning and budgeting inputs.
- Gives time to custom-harvest sites mutually agreed upon by user and provider.
- Get paid for everything on the seed certificate (impurities + crop), when impurities are natives.
- Eases mind and reduces stress.





More information:

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