Large-Scale Floodplain Revegetation

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January 15, 2020
Project Goals

- Increase Floodplain / River Connectivity
- Create 400 Acres of Floodplain Habitat
  ➢ Driven by Declining Salmonids
Goal Development

Reviewers & Funders

Landowner Meetings

Biological Inventories
Research & Demos

Need for Cross-Discipline Collaboration
Trials to adapt Ag techniques to restoration projects
Plant Materials

- Reference Forest Stands
- USDA Field Guide to Riparian Plant Communities in Northwestern Oregon
- BEF Collaborative Grow
Challenges with Scaling-up
Restoration has a Success Problem
Introducing AAA Restoration

Adapting Agricultural Axioms / How would a farmer do it?
12 – foot Rows

6 – foot seeding

“The Bio-Barrier”

3 – foot spray band
Sureguard – Preemergent herbicide

- 24(C) Special Local Needs Label
- Season-long weed control
- Applied in off-season
Selective Herbicides

- Grass specific
- Broadleaf specific
- ATV is 7x cheaper vs hand spraying
Thinning
Drone Monitoring
Canopy Analysis w/ GIS
Challenges

- Social constraints
- Labor / turnover
- Herbicide expertise
- Disincentives
- Sunk cost trap
Opportunities

• Deep Partnerships
• Precision Ag