

GROWING FOR RESTORATION – PROTOCOLS FOR SUCCESS



We END with Restoration

•in future year's we have a rich diverse plant community with true habitat value.



We BEGIN with Collection

- Use seed when possible for genetic diversity.
- Collect from at least 50 plants, no fewer than 10.
- Collect within the watershed of the project.
- Collect several times throughout year.
- Leave 95% of seed for natural regeneration.



Outplanting

- If all has gone well through the year , outplanting is done with winter rains.



Record Keeping

- Keep precise and permanent record.



Sustainability-walk the talk

Minimal water use, recapture, reuse.

- Organic-non-petrochemical fertilizers and pesticides.
- Low nitrogen fertilizer rates.
- Good root:shoot ratio.
- Let native insects on plants live.
- Biofilters to catch any runoff.



Pre-germination Treatments

- Seeds with hard coats require treatment allow water absorption.
- Mimic winter conditions especially if germination has been slow in the past.



Unique Containers

- Tube containers give long straight roots.



Seed Sowing

- Herbaceous seed is sown on flats in greenhouse to maximize germination.
- Research on treatments and germination protocols for each species is ongoing.
- Woody seed is usually sown directly in special tubes.



Transplanting

Herbaceous plants are transplanted throughout the summer.

- Transplant quick and slow germinators.
- And large and small plants to avoid artificial selection.

