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# NATIVE SPECIES SEED AVAILABILITY (OR NOT)

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- Planting objectives for site or geographic area (land repair parameters)
  - Identify species wish list
  - Determine quantity of seed needed
  - Is it available?
  - What is it going to cost?
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Cost

- Money
- Minutes
- Manpower

Low

High

Local

Broad

Restoration

Rehabilitation

Reclamation

Revegetation

Plant Materials

- Adaptability
- Applicability
- Availability

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# ASTA Position Statement on “The Use of Local Native Seed”

- “The purpose of this Position Statement is to set a framework within which the land manager can make consistent decisions that the seed supplier can predict. Since the seed supplier must plan their crops one or more years in advance, a consistent and predictable use of materials will help insure that the correct species are produced in the quantities needed to service the land repair business.”
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# Working with Seed Industry

- Tell them what you want, in what quantities, and they will supply it (for a price)



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# Goal: Increase Seed Availability

## Reduce Price

- Enlarge geographic area of germplasm applicability (draw provenance map bigger, pool accessions, continue development towards widely adapted varieties, etc.)
  - Expand warehouse capacities and non-emergency seed buys
  - Forward contract at target prices for key species not available in sufficient quantities in the marketplace; this will jump-start wider industry production
  - Fine tune for certain critical species with stock seed buyback, agency on-site increases, master gardener involvement, etc.
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# Plant Materials

## Evaluation of Availability and Cost

- The species can be wild collected
  - The species can be wild collected to some extent but may need field production also
  - The species has to be field produced; stock seed for first fields can be wildland collected
  - The species has to be field produced; stock seed for first fields also has to be small plot increased
  - The species cannot logistically (economically) be wild collected or field produced. Forget it.
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# What are the types of “repair” available for disturbed sites in the GB?

- **REVEGETATION**
  - **RECLAMATION**
  - **REHABILITATION**
  - **RESTORATION**
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- **Can the seed industry accommodate any and all of these choices?**
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# ASTA Guidelines:

- Identify a flexible set of goals and objectives for the land repair project
  - Carefully assess those goals and objectives to insure they are ecologically and economically achievable
  - Select plant materials that are consistent with the goals and objectives of the project
  - Select plant materials whose ecological and economic success to the project can be demonstrated by sound science
  - Select plant materials that are either currently available in the marketplace or can be acquired within a reasonable period of time
  - Change the goals and objectives of the project when they are difficult to attain because of ecological or economic constraints
  - Publish reports of project successes and failures and encourage research institutions to improve the techniques used for land repair
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