PLANTING STEEP SLOPES IN WORKING FORESTS
Sustainable Working Forests Require Reliable Regeneration after Harvest

Best Management Practices

• Harvest considerations
• Seedling quality
• Planting techniques
• Vegetation control where needed
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Forest and Fish Laws Protect Certain Slopes from Harvest

Harvest Considerations

Regulatory Set Asides
- Riparian Management Zones (RMZ)
- Inner Gorges
- Unstable Slopes
- Other landforms
- Wildlife and T&E

Voluntary Set Asides
- Areas difficult to log or regenerate
- Areas that serve other ecological functions
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Quality Seedlings

Match seedlings to the site

- Seed Zone
- Species
- Elevation
- Conditioned trees for site
- Careful handling
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Planting Techniques

Planting Quality

• Prepare planting spot – terrace, till
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Planting Techniques

Planting Quality

- Insert roots properly
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Planting Techniques

**Planting Quality**
- Good soil to root contact
- Take advantage of microsites
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Planting Techniques

Planting Quality

- Avoid Planting Errors

![Diagram of planting techniques and examples of unsatisfactory and satisfactory planting.](image-url)
Will competing vegetation affect survival during initial establishment?

- Know your site
  - moisture stress
  - expected vegetation load
  - expected species

- Site preparation before planting
- Release from competition after planting
- Thoughtful and targeted use of herbicides
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Good Stewardship for Sustainable Forests

Summary

• Know your site conditions
• Follow best management practices
• Do the basics well
• Good seedlings
• Proper handling and planting techniques
• Site specific competing vegetation control