**WEYERHAEUSER INTERNAL PROTOCOL**

**DOUGLAS FIR PLANTING GUIDELINES (PACIFIC NORTHWEST REGION)**

Seedling Selection:

- Use 1-1 or plug+1 stock types for most sites

- Minimum caliper of 4mm at root collar

- Height range of 30-45cm preferred

- Ensure seedlings are from appropriate seed zone for planting location

Site Preparation Requirements:

- Complete mechanical site prep at least 3 months before planting

- Clear competing vegetation within 3ft radius of each planting spot

- Ensure slash reduction meets regional standards (less than 25% ground coverage)

Planting Specifications:

- Target density: 435 trees per acre (10x10ft spacing)

- Plant between November 15 and March 15 for optimal survival

- Avoid planting when soil is frozen or during drought conditions

- Plant seedlings with root collar 1-2 inches below soil surface

- Ensure roots are straight with no J-rooting

Post-Planting Monitoring:

- Complete survival checks at 30, 90, and 365 days

- Document any areas with survival below 85%

- Monitor for animal damage and apply protection measures as needed

- Schedule vegetation control when competing plants exceed 30% coverage

Contact: Reforestation Supervisor (ext. 5721) for questions regarding this protocol