

Appendix 13.15-D Ecosystem Fact Sheets

Biogeoclimatic unit		Site Series	Site information	
ICHmc2		01/52	<u>Cover type:</u>	Overburden with topsoil cover
Vegetation Association	01: Western hemlock—Step moss 52: Hybrid spruce / paper birch—Thimbleberry—Hazelnut		<u>Cover depth:</u>	100-cm OB, 30-cm topsoil
Edatopic grid			<u>SMR:</u>	3-5
			<u>Landscape position (Aspect/ Slope):</u>	01: 0-90% slopes 52: 0-45% slopes
			<u>Elevation:</u>	100-750 masl
Seral ecosite functions				
- Supporting wildlife habitat, and recreation. - Supporting traditional land uses including plant and animal harvest.				
Climax vegetation species			Climax ecosite functions	
<u>Trees</u>	<u>Shrubs</u>	<u>Herbs</u>	<u>Moss/Lichen</u>	- Supporting wildlife habitat, recreation, and forest harvest in appropriate areas - Supporting traditional land uses including plant and animal harvest.
Western hemlock	Thimbleberry	Purple peavine	Red-stemmed feathermoss	
Western redcedar	Highbush cranberry	Wild sarsaparilla	Step moss	
Lodgepole pine	Falsebox	Bunchberry		
Hybrid spruce Paper birch	Red-osier dogwood	Queen's cup		

Recommended site preparation

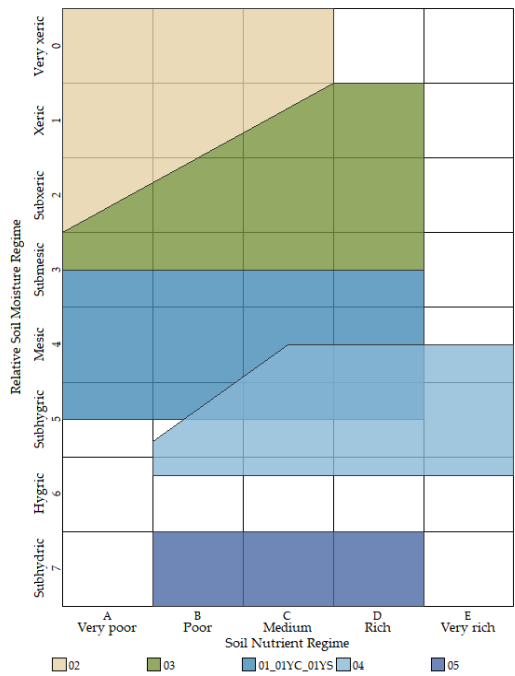
- Site preparation to produce microtopography and fine-fraction densities below 1600 kg/m³
- Placement of woody debris where available

Recommended species to plant/ seed

<u>Lifeform</u>	<u>Species</u>	<u>Planting (stems/ha)</u>	<u>Seeding rate (kg/ha)</u>
Trees	Lodgepole pine	1,000-2,000	
	Hybrid spruce	1,000-2,000	
Shrubs	Black huckleberry	100-1,000	
	Black twinberry	100-1,000	

Recommended fertilizer methods and application rates

<u>Fertilizer method</u>	<u>Application rate</u>
Slow-release fertilizer “teabags” in planting holes; no broadcast fertilizer	Variable—to be tested.

Biogeoclimatic unit		Site Series	Site information	
IDFmw2		01	<u>Cover type:</u>	Overburden with topsoil cover
Vegetation Association	• Douglas-fir—Falsebox—Prince’s Pine		<u>Cover depth:</u>	100-cm OB, 30-cm topsoil
	Edatopic grid		<u>SMR:</u>	3-5
		<u>Landscape position (Aspect/ Slope):</u>	Gentle to steep slopes at all aspects.	
		<u>Elevation:</u>	335-1100 masl	
Seral ecosite functions				
- Supporting wildlife habitat, and recreation. - Supporting traditional land uses including plant and animal harvest.				
Climax vegetation species			Climax ecosite functions	
<u>Trees</u>	<u>Shrubs</u>	<u>Herbs</u>	<u>Moss/Lichen</u>	- Supporting wildlife habitat, recreation, and forest harvest in appropriate areas - Supporting traditional land uses including plant and animal harvest.
Douglas-fir	Falsebox	Twinflower	Red-stemmed feathermoss	
Lodgepole pine	Birch-leaved spirea	Prince’s pine	Electrified cat’s tail moss	
Western redcedar		Pinegrass		

Recommended site preparation

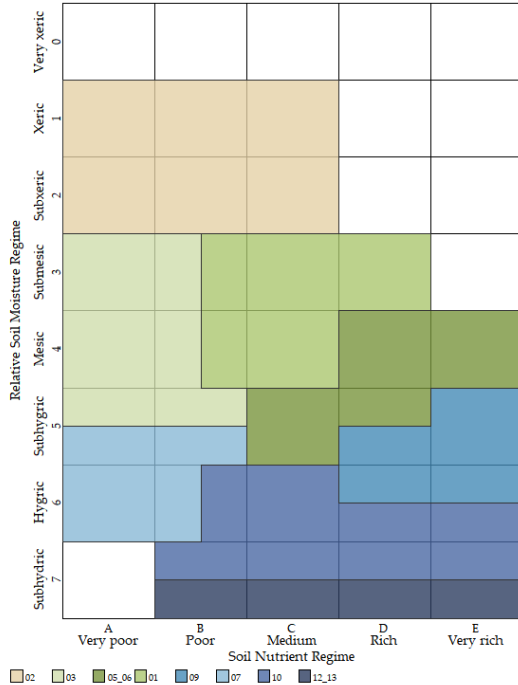
- Site preparation to produce microtopography and fine-fraction densities below 1600 kg/m³
- Placement of woody debris where available

Recommended species to plant/ seed

<u>Lifeform</u>	<u>Species</u>	<u>Planting (stems/ha)</u>	<u>Seeding rate (kg/ha)</u>
Trees	Douglas-fir	1,000-2,000	
	Lodgepole pine	1,000-2,000	
Shrubs	Falsebox	100-1,000	
	Soopolallie	100-1,000	
	Bald-hip rose	100-1,000	
	Birch-leaved spirea	100-1,000	
Grasses	Pinegrass	100-1,000	To be determined, if available

Recommended fertilizer methods and application rates

<u>Fertilizer method</u>	<u>Application rate</u>
Slow-release fertilizer “teabags” in planting holes; no broadcast fertilizer	Variable—to be tested.

Biogeoclimatic unit		Site Series	Site information	
SBSmc2		01	<u>Cover type:</u> <u>Cover depth:</u> <u>SMR:</u> <u>Landscape position (Aspect/ Slope):</u> <u>Elevation:</u>	Overburden with topsoil cover 100-cm OB, 30-cm topsoil 3-4 Occurs on slopes ranging from 0-50%, occupies a wide variety of landforms 500-1350 masl
Vegetation Association	• Hybrid white spruce—Huckleberry			
Edatopic grid				
			Seral ecosite functions	
			- Supporting wildlife habitat, and recreation. - Supporting traditional land uses including plant and animal harvest.	
Climax vegetation species			Climax ecosite functions	
<u>Trees</u> Lodgepole pine Subalpine fir Hybrid white spruce	<u>Shrubs</u> Black huckleberry Soopolallie Black gooseberry Thimbleberry	<u>Herbs</u> Bunchberry Heart-leaved arnica Fireweed	<u>Moss/Lichen</u> Red-stemmed feathermoss Knight's plume Step moss	- Supporting wildlife habitat, recreation, and forest harvest in appropriate areas - Supporting traditional land uses including plant and animal harvest.

Recommended site preparation

- Site preparation to produce microtopography and fine-fraction densities below 1600 kg/m³
- Placement of woody debris where available

Recommended species to plant/ seed

<u>Lifeform</u>	<u>Species</u>	<u>Planting (stems/ha)</u>	<u>Seeding rate (kg/ha)</u>
Trees	Lodgepole pine	1,000-2,000	To be determined, if available
	Hybrid white spruce	1,000-2,000	
Shrubs	Black huckleberry	100-1,000	
	Soopolallie	100-1,000	
	Black twinberry	100-1,000	
Herbs	Fireweed	100-1,000	

Recommended fertilizer methods and application rates

<u>Fertilizer method</u>	<u>Application rate</u>
Slow-release fertilizer “teabags” in planting holes; no broadcast fertilizer	Variable—to be tested.