

**Interior Forest Residue and Waste  
Benchmarks and BEC 2022**

<b>AVOIDABLE WASTE BENCHMARK</b>	<b>BIOGEOCLIMATIC ZONE</b>	<b>BIOGEOCLIMATIC SUBZONE/VARIANT</b>
<b>DRY BELT BENCHMARK</b> 4 m3 / hectare  NDT4	IDF (Interior Douglas-fir)	un, dc, dh, dk, dm, mw, ww, xc, xh, xk, xm, xw, xx
	PP (Ponderosa Pine)	dh, xh
	ICH (Interior Cedar - Hemlock)	xm, xw
	BG (Bunchgrass)	xh, xw
<b>TRANSITION BENCHMARK</b>  10 m3 / hectare  NDT3	ESSF (Engelmann Spruce - Subalpine Fir)	dc2, dc3, dh, dk, dkw, dv, dvw, xc, xcw
	ICH (Interior Cedar - Hemlock)	dk, dm, dw, mk1, mk2, mk4, mk5,
	MS (Montane Spruce)	un, dc, dk, dm, dv, dw, mw, xk, xv
	BWBS (Boreal White and Black Spruce)	dk, mk, mw, vk, wk
	SBS (Sub-Boreal Spruce)	un, dh, dk, dw, mc, mh, mk, mm, mw, wk3
	SBPS (Sub-Boreal Pine - Spruce)	dc, mc, mk, xc
<b>WET BELT BENCHMARK</b>  20 m3 / hectare  NDT1 and NDT2	ICH (Interior Cedar - Hemlock)	mc, mk3, mm, mw, vc, vk, wc, wk
	MH (Mountain Hemlock)	un, mm, wh
	CWH (Coastal Western Hemlock)	un, ds, mm, ms, vh, vm, wm, ws, xm
	CDF (Coastal Douglas-fir)	mm
	SWB (Spruce Willow Birch)	un, mk, vk
	SBS (Sub-Boreal Spruce)	vk, wk1, wk2
	ESSF (Englemann Spruce - Subalpine Fir)	un, dc1, dcw, mc, mh, mk, mm, mmw, mv, mw, mww, vc, vcw, vv, wc, wcv, wh, wk, wkw, wm, wmw, wv, xv, xvW

Table updated September 15, 2022. Update assistance provided by the Regional Ecologists.

**Please refer to the Provincial Logging Residue and Waste Manual for benchmark eligibility:**

<https://www2.gov.bc.ca/gov/content/industry/forestry/competitive-forest-industry/timber-pricing/forest-residue-waste/provincial-logging-residue-and-waste-measurements-procedure-manual>