

Cariboo Forest Region

Regional Summary : Winter Mortality and R-Value Survey 2016

Douglas-fir Beetle (IBD)

Forest District	Number of Samples	Progeny										
		Larval Count		Adult Count		Mortality(%)		Av. Live Progeny/ Sample	Total Gallery Starts	Av. Starts/ Sample	Rating (R) Value	
		Live	Dead	Live	Dead	Larval	Adult					
Cariboo	100	40	537	702	224	93.1	24.2	7.4	36	0.4	4.25	
Chilcotin	100	21	751	576	206	97.3	26.3	6.0	38	0.4	3.42	
Quesnel	100	31	680	468	212	95.6	31.2	5.0	66	0.7	2.86	
100 Mile	100	24	563	929	200	95.9	17.7	9.5	41	0.4	5.46	
Totals	400	116	2531	2675	842				181		4.00	Grand mean

Grand mean

Average Gallery Starts (2002-2015) 1.746

Larval Mean Mortality (%) 2016 95.6

Mean Attack Density/Sample 0.45

Adult Mean Mortality (%) 2016 23.9

Mean Attack Density/ Sq. Meter 20.11

Combined Mean Mortality (%) 2016 54.7

Mean Number of Live Brood/Sample 6.98

Regional R- value 2016 4.00