

Appendix 5: Annual acreage of BDNF affected by forest insects 2004-2006 categorized by management area. (Exclusive of Inventoried Roadless Areas)

A1 Management					2004-2006 total
	MPB	2004	2005	2006	
Stand species ID	No species ID	0	0	0	23 17
	Lodgepole	0	10	13	
	Doug fir	0	0	17	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	
WSBW					2004-2006 total
	2004	2005	2006		
Stand species ID	No species ID	0	0	0	
	Lodgepole	0	0	0	
	Doug fir	0	0	0	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	

D2 Management					2004-2006 total
	MPB	2004	2005	2006	
Stand species ID	No species ID	3	26	4	28 535 551 4 50
	Lodgepole	101	320	249	
	Doug fir	205	329	155	
	Spruce/subalpine fir	0	0	4	
	Seedling/sapling no species designation	0	49	1	
WSBW					2004-2006 total
	2004	2005	2006		
Stand species ID	No species ID	0	0	79	79 85 328 0 65
	Lodgepole	0	12	84	
	Doug fir	0	147	246	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	65	

A4 Management					2004-2006 total
	MPB	2004	2005	2006	
Stand species ID	No species ID	0	0	0	2
	Lodgepole	0	0	2	
	Doug fir	0	0	0	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	
WSBW					2004-2006 total
	2004	2005	2006		
Stand species ID	No species ID	0	0	0	
	Lodgepole	0	0	0	
	Doug fir	0	0	0	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	

E1 Management					2004-2006 total
	MPB	2004	2005	2006	
Stand species ID	No species ID	120	352	267	492 5563 1620 210 1099
	Lodgepole	1539	3309	3918	
	Doug fir	449	1121	918	
	Spruce/subalpine fir	93	88	133	
	Seedling/sapling no species designation	198	799	564	
WSBW					2004-2006 total
	2004	2005	2006		
Stand species ID	No species ID	2	0	126	126 603 451 30 339
	Lodgepole	1	5	598	
	Doug fir	0	13	449	
	Spruce/subalpine fir	0	0	30	
	Seedling/sapling no species designation	0	0	339	

A6 Management					2004-2006 total
	MPB	2004	2005	2006	
Stand species ID	No species ID	0	0	0	1 9
	Lodgepole	0	0	1	
	Doug fir	0	0	0	
	Spruce/subalpine fir	0	0	9	
	Seedling/sapling no species designation	0	0	0	
WSBW					2004-2006 total
	2004	2005	2006		
Stand species ID	No species ID	0	0	0	
	Lodgepole	0	0	0	
	Doug fir	0	0	0	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	

Unknown Management					2004-2006 total
	MPB	2004	2005	2006	
Stand species ID	No species ID	4	14	21	30 56 9 0 0
	Lodgepole	9	30	29	
	Doug fir	5	2	3	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	
WSBW					2004-2006 total
	2004	2005	2006		
Stand species ID	No species ID	0	0	22	22 4 14
	Lodgepole	0	0	4	
	Doug fir	0	0	14	
	Spruce/subalpine fir	0	0	0	
	Seedling/sapling no species designation	0	0	0	

C1 Management					
MPB				2004-2006 total	
Stand species ID	No species ID	1	2	17	20
	Lodgepole	187	146	150	249
	Doug fir	239	234	108	392
	Spruce/subalpine fir	8	2	0	8
	Seedling/sapling no species designation	0	12	31	32
WSBW				2004-2006 total	
Stand species ID	No species ID	0	0	43	43
	Lodgepole	0	56	135	145
	Doug fir	0	167	834	855
	Spruce/subalpine fir	0	1	31	31
	Seedling/sapling no species designation	0	0	12	12

All Management areas					
MPB				2004-2006 total	
Stand species ID	No species ID				570
	Lodgepole				6429
	Doug fir				2589
	Spruce/subalpine fir				231
	Seedling/sapling no species designation				1181
	Aspen/willow	See notes for explanation			161
	rock	"			51
	wet meadow	"			24
	dry meadow	"			687
	WSBW				2004-2006 total
Stand species ID	No species ID				271
	Lodgepole				838
	Doug fir				1648
	Spruce/subalpine fir				61
	Seedling/sapling no species designation				416
	Aspen/willow	See notes for explanation			56
	wet meadow	"			15
dry meadow	"			1163	

Forest insect acreage is USFS ADS. MPB = mountain pine beetle. WSBW = western spruce budworm. Delineated insect affected area may overlap between years as disease continues to damage trees in areas damaged in previous years. See 2004-2006 total acreage for cumulative acreage. There is additional 924 acres of aerially identified MPB in forest that is identified in the stand inventory as aspen/willow, rock, wet meadow, dry meadow. There is an additional 1234 acres of aerially identified WSBW in forest that is identified in the stand inventory as aspen/willow, wet meadow, dry meadow. See totals for all management areas. This is caused by error in the remote sensing techniques or possibly by conifer encroachment since stand inventory was completed. Forest insect loss in areas that are not mapped as a host tree species may be due to the heterogeneity of forest stand composition or due to errors in photointerpretation.

Stand species ID is BDNF mid-1980's stand strata airphoto interpretation. No species ID means null (empty) value in database or land acquired since stand interpretation.

All acres are on USDA FS lands (MT cadastral data clipped to National Forest owned lands in Powell/DL Counties) exclusive of Electric Peak inventoried roadless area.

Unknown management areas includes lands acquired since management areas were mapped or slivers of land adjacent to mapped management areas (map scale issue).