

**TABLE 2.** Number of plots sampled by plot type (site characterization and small plot rainfall, large plot rainfall, and overland flow simulations) at each study site (Castlehead, Marking Corral, and Onaqui) by treatment and microsite (small plots - tree coppice, shrub coppice, and interspace; large plots and overland flow – tree zone and shrub-interspace zone) combination each year of the study. Control refers to untreated areas at Marking Corral and Onaqui sites. Unburned refers to areas immediately adjacent to, but outside the wildfire area (burned treatment) at the Castlehead site. Downed tree sub-treatments (cut-downed tree and unburned-downed tree) refer to plots with a single downed tree across each respective plot within the specified associated treatment (cut or unburned). Tree and shrub coppice microsites are areas underneath or previously (prior to treatment) underneath tree and shrub canopy, respectively. Interspace microsites are areas between tree and shrub coppice microsites. Tree zone microsites are areas underneath, or previously underneath, and immediately adjacent (just outside canopy drip line) to a tree canopy. Shrub-interspace zones are the areas between tree canopies, collectively inclusive of shrub coppice and interspace microsites.

Site Characterization Experimental Plots (990 m <sup>2</sup> )										
Year	Treatment	Castlehead			Marking Corral			Onaqui		
2006	Control	-	-	-	6	-	-	9	-	-
2007	Bullhog	-	-	-	-	-	-	3	-	-
	Burned	-	-	-	3	-	-	3	-	-
	Cut	-	-	-	3	-	-	3	-	-
2008	Unburned	3	-	-	-	-	-	-	-	-
	Burned	3	-	-	-	-	-	-	-	-
2009	Unburned	3	-	-	-	-	-	-	-	-
	Burned	3	-	-	-	-	-	-	-	-
2015	Bullhog	-	-	-	-	-	-	3	-	-
	Burned	-	-	-	3	-	-	3	-	-
	Cut	-	-	-	3	-	-	3	-	-
Small Plot Rainfall Simulation Experimental Plots (0.5 m <sup>2</sup> )										
Castlehead			Marking Corral			Onaqui				
Year	Treatment	Tree Coppice	Shrub Coppice	Interspace	Tree Coppice	Shrub Coppice	Interspace	Tree Coppice	Shrub Coppice	Interspace
2006	Control	-	-	-	24	13	23	23	21	36
2007	Control	-	-	-	7	5	8	4	3	3
	Bullhog	-	-	-	-	-	-	10	10	30
	Burn	-	-	-	8	4	8	5	5	10
2008	Control/Unburned	8	8	8	4	2	4	4	3	3
	Burned	5	5	10	8	4	8	5	5	10
2009	Unburned	3	3	4	-	-	-	-	-	-
	Burned	5	5	10	-	-	-	-	-	-
2015	Control	-	-	-	8	4	6	8	6	6
	Bullhog	-	-	-	-	-	-	5	5	10
	Burned	-	-	-	8	4	6	5	5	10
	Cut	-	-	-	8	4	6	5	5	10
Large Plot Rainfall Simulation Experimental Plots (13 m <sup>2</sup> )										
Castlehead			Marking Corral			Onaqui				
Year	Treatment	Tree Zone	Shrub-Interspace Zone	Tree Zone	Shrub-Interspace Zone	Tree Zone	Shrub-Interspace Zone	Tree Zone	Shrub-Interspace Zone	Tree Zone
2006	Control	-	-	12	12	18	18	-	-	-
2007	Bullhog	-	-	-	-	4	4	-	-	-
	Burned	-	-	6	6	6	6	-	-	-
	Cut	-	-	-	6	-	6	-	-	-
	Cut-Downed Tree	-	-	-	6	-	6	-	-	-
2008	Unburned	6	6	-	-	-	-	-	-	-
	Unburned-Downed Tree	-	6	-	-	-	-	-	-	-
	Burned	6	6	-	-	-	-	-	-	-
Overland Flow Simulation Experimental Plots (~9 m <sup>2</sup> )										
Castlehead			Marking Corral			Onaqui				
Year	Treatment	Tree Zone	Shrub-Interspace Zone	Tree Zone	Shrub-Interspace Zone	Tree Zone	Shrub-Interspace Zone	Tree Zone	Shrub-Interspace Zone	Tree Zone
2006	Control	-	-	12	12	18	18	-	-	-
2007	Bullhog	-	-	-	-	4	4	-	-	-
	Burned	-	-	6	6	6	6	-	-	-
	Cut	-	-	-	6	-	6	-	-	-
	Cut-Downed Tree	-	-	-	6	-	6	-	-	-
2008	Control	6	6	3	3	2	2	-	-	-
	Unburned	-	6	-	-	-	-	-	-	-
	Unburned-Downed Tree	-	6	-	-	-	-	-	-	-
	Burned	6	6	6	6	6	6	-	-	-
2009	Unburned	6	6	-	-	-	-	-	-	-
	Unburned-Downed Tree	-	6	-	-	-	-	-	-	-
	Burned	6	6	-	-	-	-	-	-	-
2015	Control	-	-	5	5	5	5	-	-	-
	Bullhog	-	-	-	-	5	5	-	-	-
	Burned	-	-	5	5	5	5	-	-	-
	Cut	-	-	5	5	5	5	-	-	-
	Cut-Downed Tree	-	-	-	5	-	5	-	-	-

- Indicates not applicable, no plots.