

COURSE: Prescribed Fire Planning and Implementation

TOPIC: Smoke Management

LESSON B: Quantifying and Achieving Smoke Management Objectives

HANDOUT 2: Firing Techniques Summary Table

FIRING TECHNIQUE

Fire Characteristic	Head	Back	Strip Head	Flank	Spot	Ring Center
Burn Intensity	H	L	M	L/M	M	H
Burn Depth	L	H	L/M	M	L/M	M
Combustion Efficiency	L/M	H	M	M	M	M/H
Fuel Consumption	M	M/H	L/M	L/M	L/M	L/M/H
Burnout Time	H	L	M	M	M	M/H
Lofting	H	L	M/H	M/H	M	H
Smoke Dispersal:						
Flaming	H	M	M	M	M	H
Post Flaming	L	L/M	L/M	L/M	L/M	M
Duration:						
Flames	L	H	M	M	M	L/M
Smoke	M/H	L	M	M	M	M/H
Smoke Production (Total)	M/H	L	M	M	M	M/H