

PREDICTING EMISSION PROGRAM PRESCRIBED BURNS

(a) FUELBED COMPONENTS	(b) LOADING T/A	X	(c) CONSUMPTION %	=	(d) CONSUMPTION T/A
					+
					+
					+
					+

INSTRUCTIONS	
1)	List all FUELBED components in (a).
2)	Estimate preburn LOADING in (b).
3)	Estimate consumption of compoents in (c). (PERCENT CONSUMPTION).
4)	Multiply LOADING (b) by CONSUMPTION (c) to get TONS/ACRE of CONSUMPTION - write in (d).
5)	Sum columns (d) - place in (e): TOTAL T/A of fuel consumed.
6)	Find EMISSION FACTOR in TABLE 11.1-4 for PM10 (or other pollutant of choice) - (don't forget to multiply PM10 in g/kg by 2 to get LBS/TON). Place in (f).
7)	Multiply CONSUMPTION 9e) by EMISSION FACTOR (f) to get EMISSIONS in TONS/ACRE.
8)	Multiply by acres if you want total.

(e) _____
**TOTAL (T/A)
 CONSUMPTION**
 X
 (f) _____
**EMISSION
 FACTOR
 (LBS/TON)**