

**ADDENDUM**

**EXHIBIT C**

**ADOPTED** October 12, 1994

**YOLO-SOLANO AIR QUALITY MANAGEMENT DISTRICT  
FUEL LOADING, EMISSION FACTORS, AND DEFAULT HISTORICAL AND  
QUARTERLY BURN FACTORS FOR CALCULATING OPEN BIOMASS BURNING  
EMISSION REDUCTIONS**

**SECTION I.**

**Biomass Fuel Loading Factors**

<b>CROP</b>	<b>FUEL LOADING DRY TON/ACRE</b>
<b>FIELD CROPS</b>	-
ALFALFA	0.8
BARLEY	1.7
CORN	4.2
OATS	1.6
RICE	3.0
SAFFLOWER	1.3
SORGHUM (MILO)	2.0
WHEAT	1.9
<b>PRUNINGS</b>	-
ALMOND	1.6
APPLE	2.3
APRICOT	1.8
CHERRY	1.0
GRAPE	2.5
OLIVE	1.2
PEACH	2.5
PEAR	2.6
PRUNE	1.2
WALNUT	1.2

## SECTION II.

## Emission Factors

CROP	EMISSION FACTORS, LB/DRY TON				
	NO <sub>x</sub>	SO <sub>x</sub>	CO	ROG	PM10
FIELD CROPS	-	-	-	-	-
ALFALFA	5.50	3.21	119	38	29
BARLEY	5.55	5.07	170.25	19.5	22
CORN	4.86	0.49	108	16	14
OATS	5.50	3.21	136.5	20	32.5
RICE	6.72	1.85	83	10.4	9
SAFFLOWER	5.50	3.21	144	20	18
SORGHUM (MILO)	5.62	1.08	77	9	18
WHEAT	4.48	7.10	182.15	11.6	13
PRUNINGS	-	-	-	-	-
ALMOND	4.05	0.32	46	8	6
APPLE	4.92	0.69	42	30	4
APRICOT	4.92	0.69	49	6	6
CHERRY	4.94	0.69	44	8	8
GRAPE	5.83	1.42	39.1	2.54	2.67
OLIVE	4.92	0.69	114	14	12
PEACH	5.48	0.12	42	5.2	6
PEAR	4.92	0.69	57	9	9
PRUNE	4.92	0.69	42	2.7	3
WALNUT	4.92	0.69	47	8	6

SECTION III. Default Historical and Quarterly Burn Factors

CROP	HISTORICAL BURN FACTOR	QUARTERLY BURN FACTORS			
		1st QTR.	2nd QTR.	3rd QTR.	4th QTR.
FIELD CROPS	-	-			
ALFALFA	0.00	0.05	0.00	0.95	0.00
BARLEY	0.02	0.00	0.39	0.53	0.08
CORN	0.05	0.01	0.02	0.18	0.79
OATS	0.01	0.00	0.75	0.01	0.24
RICE	1.00	0.31	0.28	0.07	0.34
SAFFLOWER	0.03	0.00	0.00	0.92	0.08
SORGHUM (MILO)	0.31	0.69	0.00	0.31	0.00
WHEAT	0.10	0.01	0.39	0.54	0.06
OTHER	0.00	0.11	0.05	0.67	0.17
PRUNINGS	-	-			
ALMOND	0.38	0.52	0.15	0.04	0.29
APPLE	OTHER	OTHER	OTHER	OTHER	OTHER
APRICOT	0.45	0.42	0.05	0.25	0.28
CHERRY	0.22	0.22	0.00	0.35	0.43
GRAPE	0.30	0.30	0.37	0.00	0.33
OLIVE	OTHER	OTHER	OTHER	OTHER	OTHER
PEACH	0.37	0.68	0.18	0.03	0.11
PEAR	0.10	0.53	0.34	0.01	0.12
PRUNE	0.36	0.47	0.22	0.04	0.27
WALNUT	0.37	0.44	0.29	0.09	0.18
OTHER	0.95	0.25	0.10	0.04	0.61
MISCELLANEOUS	-	-			
ORCHARD REMOVAL	-	0.04	0.24	0.42	0.30
BRUSH	-	0.66	0.20	0.14	0.00
CHAPARRAL	-	0.00	0.00	0.00	1.00
GRASS (GREEN, ORCHARD)	-	0.08	0.11	0.70	0.11
SLASH	-	1.00	0.00	0.00	0.00
WEEDS	-	0.09	0.09	0.63	0.19