





REFERENCES

Chandra, B. P., Sinha, V., Hakkim, H., & Sinha, B. (2017). Storage stability studies and field application of low cost glass flasks for analyses of thirteen ambient VOCs using proton transfer

Misztal, P. K., Heal, M. R., Nemitz, E., & Cape, J. N. (2012). Development of PTR-MS selectivity for structural isomers: Monoterpenes as a case study. International Journal of Mass Spectrometry, 310, 10-19.

capacity from enclosure studies: measurements, data processing, quality and standardized measurement protocols. Biogeosciences, 8(8), 2209-2246

Blundell (2004), ^{ii,e}Lugo and Alayón (2003), ⁱⁱⁱGillies et al. (1999), ^bGrogan Crown radius (m)= 0.139 x diameter (cm) - 2.82(10⁻⁴) x [diameter (cm)]², r² = 0.97 (Gullison et al., 199 Leaf Area Index: 2.94 (Jhou, Wang, Wu, Yu, & Chen, 2017)

emission estimate from Manogany						
al	Plantation	Density ⁱⁱⁱ	Leaf area ⁱ	Monoterpenes	lsoprene	DMS
i	Area ⁱⁱ	(100 km ⁻²)	(km²)	(x 10 ³ Mg/yr)	(Mg/yr)	(Mg/yr)
1 ²)	(km²)					
9.6	-	0.014-1.17 ^b	1564-10756	10-69	82-565	17-119
5.5	-	-	9042	58	475	100
3.9	-	0.1-0.2 ^c	1512-3025	9.7-19	79-159	17-33
5	-	0.6	2400	15	126	27
3.6	-	1.0	2881	18	151	32
3.5	-	-	2801	18	147	31
2.6	-	-	2080	13	109	23
2.8	-	0.2-2.0	448-4480	2.9-29	24-235	4.9-49
.7	-	2.0	2720	17	143	30
.2	-	1.0 ^d	960	6.1	50	11
1	-	0.1	80	0.5	4.2	0.88
1	5.91	1.0-2.5	825-2061	5.3-13	43-108	9.1-23
		119-288°				
).3	-	0.5-2.5	120-600	0.77-3.8	6.3-32	1.3-6.6
-	1160	-	3410	22	179	38
-	420	-	1235	7.9	65	14
-	250	-	735	4.7	39	8
-	45	-	132	0.85	6.9	1.5
-	40	-	118	0.75	6.2	1.3
-	15	-	44	0.28	2.3	0.49
-	13.81	66.7-200°	33-99	0.21-0.64	1.8-5.2	0.37-1.1
-	1. 7 °	-	5	0.03	0.26	0.06
-	1.5	-	4	0.03	0.23	0.05
-	1.0	-	3	0.02	0.15	0.03
7.7	1953.92		33154-49674	212-317	1740-2607	366-548