

Table A4. Statistical Post Hoc Tukey p values for the measured litter parameters. The p values represent the results of comparisons made between the Brooklands grassland and adjacent *E. grandis* plantations and within the different age-classes of *E. grandis* plantations. The p values shown were for comparisons made within seasons. Yellow highlighting indicates significance at the five percent level and red highlighting indicates significance at the one percent level.

		Brooklands vs 2 yr old <i>E. grandis</i>		Brooklands vs 8 yr old <i>E. grandis</i>		Brooklands vs 13 yr old <i>E. grandis</i>		2 yr old <i>E. grandis</i> vs 8 yr old <i>E. grandis</i>		2 yr old <i>E. grandis</i> vs 13 yr old <i>E. grandis</i>		8 yr old <i>E. grandis</i> vs 13 yr old <i>E. grandis</i>	
		Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer	Winter	Summer
BASIC CATIONS													
Na ⁺	litter total	1.000	0.193	0.860	0.998	0.005	0.998	0.886	0.378	0.005	0.379	0.022	1.000
Mg ²⁺	litter total	0.979	1.000	0.901	1.000	0.545	0.997	1.000	1.000	0.944	1.000	0.992	1.000
K ⁺	litter total	0.375	0.997	0.216	0.853	0.946	0.917	1.000	0.993	0.890	0.999	0.673	1.000
Ca ²⁺	litter total	0.005	0.005	0.005	0.145	0.001	0.268	0.001	0.206	0.005	0.110	0.291	0.999
ACIDIC CATIONS													
Mn ²⁺	litter total	0.277	0.842	0.999	0.974	0.350	0.891	0.499	1.000	1.000	1.000	0.602	1.000
Fe ³⁺	litter total	0.110	0.978	0.078	0.996	0.097	0.994	1.000	1.000	1.000	1.000	1.000	1.000
Al ³⁺	litter total	0.175	0.965	0.235	1.000	0.253	1.000	1.000	0.991	1.000	0.999	1.000	1.000
TOTAL N, P, C													
N	litter total	0.014	0.249	0.001	0.249	0.000	0.125	0.231	1.000	0.036	0.999	0.806	0.999
P	litter total	0.907	1.000	1.000	0.987	0.522	0.907	0.960	0.960	0.987	0.960	0.627	0.522
C	litter total	0.983	1.000	0.746	1.000	0.711	0.909	0.334	1.000	0.308	0.974	1.000	0.979
C:N	litter total	1.000	0.782	1.000	0.814	1.000	0.662	1.000	1.000	1.000	1.000	1.000	1.000