

Integrated Nutrient Management Significantly Improves Pomelo Root (*Citrus grandis*) Growth and Nutrients Uptake under Acidic Soil of Southern China

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Table S1. Amount of fertilizer applied during different growth periods of pomelo tree (kg plant⁻¹).

	Treatment	Urea	Diammonium phosphate	Potassium sulfate	Magnesium sulfate monohydrate	Lime	Mushroom residue
Feb.	FFP	0.42	0.56	0.46	0.00	0.00	0.00
	O+L+M	0.09	0.00	0.09	0.00	0.00	0.00
	O+L+Mg	0.11	0.00	0.10	0.04	0.00	0.00
April	FFP	0.64	0.84	0.69	0.00	0.00	0.00
	O+L+M	0.13	0.00	0.13	0.00	1.20	0.00
	O+L+Mg	0.17	0.00	0.15	0.06	1.20	0.00
June	FFP	0.42	0.56	0.46	0.00	0.00	0.00
	O+L+M	0.09	0.00	0.09	0.00	0.00	0.00
	O+L+Mg	0.11	0.00	0.10	0.04	0.00	0.00
Dec.	FFP	0.64	0.84	0.69	0.00	0.00	9.91
	O+L+M	0.13	0.00	0.13	0.00	1.20	2.57
	O+L+Mg	0.17	0.00	0.15	0.06	1.20	0.00

Table S2. Chemical composition of mushroom residue

pH	P (g/kg)	K (g/kg)	Ca (g/kg)	Mg (g/kg)	Mn (g/kg)	Fe (g/kg)	Cu (g/kg)	Zn (g/kg)	B (g/kg)
8.84	3.385	4.108	337.809	3.761	0.247	3.553	0.001	0.033	0.021



Figure S1. Application of lime around the tree trunk at 20-80 cm



Figure S2. Application of mushroom residue; (a) at 75-125 cm around the tree trunk in FFP; (b) at 20-80 cm around the tree trunk in O+L+M treatment.