

Appendix 1

Three-year mean grain yields, straw biomass and removal of P by harvest of grains and straw ($Mean \pm SE$; $n=3$) for different P treatments at two experimental sites

	Rice			Wheat			Sum		
	Yield (ton	Straw (ton	P removal	Yield (ton	Straw (ton	P removal	Yield (ton	Straw (ton	P removal
	ha ⁻¹)	ha ⁻¹)	(kg ha ⁻¹)	ha ⁻¹)	ha ⁻¹)	(kg ha ⁻¹)	ha ⁻¹)	ha ⁻¹)	(kg ha ⁻¹)
<u>Anzhen</u>									
Control	9.08±0.66	8.09±1.65	19.3±1.5	3.13±0.46	2.53±0.64	6.1±0.5	12.56±1.13	11.22±1.73	25.8±1.8
P ₃₀₊₂₀	9.05±0.78	8.44±1.53	21.1±2.0	3.49±0.61	2.62±0.54	6.9±0.8	12.82±1.43	11.61±1.52	28.4±2.6
P ₇₅₊₄₀	9.79±0.64	7.22±0.52	23.3±3.4	3.99±0.17	2.18±0.78	7.8±0.2	13.95±0.64	10.18±0.52	31.3±3.4
P ₁₅₀₊₈₀	9.09±0.62	8.21±1.09	21.0±2.3	3.73±0.74	2.71±0.57	8.5±0.7	12.97±1.37	11.40±1.23	29.7±2.9
<u>Xinzhuang</u>									
Control	6.38±0.30	6.07±0.38	17.3±1.6	2.32±0.40	2.18±0.66	5.0±0.7	8.71±0.70	8.25±0.63	22.3±1.7
P ₃₀₊₂₀	6.94±0.77	6.89±0.37	22.2±2.5	3.08±0.55	3.12±0.93	7.6±1.3	10.02±1.32	10.00±1.22	29.8±3.4
P ₇₅₊₄₀	7.57±0.73	7.47±0.68	21.1±6.0	3.67±0.56	4.13±1.00	9.4±1.7	11.24±1.28	11.60±0.68	30.6±7.7
P ₁₅₀₊₈₀	6.87±0.66	6.93±0.07	22.9±2.6	3.27±0.63	3.35±0.92	9.0±1.7	10.14±1.29	10.28±0.90	31.9±3.5