



Supplementary

Table S1. Monthly rainfall and temperature of nine foliar applied P experiments conducted in SWWA in 2021–2022. Data sourced from Bureau of Meteorology (BOM) Australia and Department of Primary Industries and Regional Development (DPIRD) Western Australia weather stations.

Year	Experiment ID	Parameter	Month											
			Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
2021	Bannister	Rainfall (mm)	3.6	38.8	99.8	48	72.6	59	241.6	86.6	71.2	92.6	3	7.2
		Max daily temp. (°C)	41.3	39.3	31.8	31.8	24.8	19.9	18.5	24	27	28.9	36.3	40.2
		Min. daily temp. (°C)	25.4	17.5	19.1	17.2	13.6	11.7	11.7	11.1	11.4	14.1	18.2	21.9
2021	Kojonup S	Rainfall (mm)	29	53.8	41.2	105	15.8	32.6	117.8	78.2	63.8	69.6	23	5
		Max daily temp. (°C)	40.1	36.4	38.4	31.3	21.3	17.8	18.9	22	25.1	27	36.3	41.1
		Min. daily temp. (°C)	8.9	5.5	4.7	6.1	6	1.4	1.7	1.1	1.3	-0.1	2.7	3.5
2022	Gunwarrie 1	Rainfall (mm)	1	4.4	24.8	32	54	74.6	77.2	99	42.2	81.8	44.6	4
		Max daily temp. (°C)	39.1	42.4	36.4	31.7	24.4	19.4	18.4	19.8	24.7	30.1	34.5	35.4
		Min. daily temp. (°C)	8	7.4	6.7	3.4	1.7	2	-1	1.3	0.3	1.6	3.4	3.3
2022	Frankland	Rainfall (mm)	1	4.4	24.8	32	54	74.6	77.2	99	42.2	81.8	44.6	4
		Max daily temp. (°C)	39.1	42.4	36.4	31.7	24.4	19.4	18.4	19.8	24.7	30.1	34.5	35.4
		Min. daily temp. (°C)	8	7.4	6.7	3.4	1.7	2	-1	1.3	0.3	1.6	3.4	3.3
2022	Gunwarrie 2	Rainfall (mm)	1	4.4	24.8	32	54	74.6	77.2	99	42.2	81.8	44.6	4
		Max daily temp. (°C)	39.1	42.4	36.4	31.7	24.4	19.4	18.4	19.8	24.7	30.1	34.5	35.4
		Min. daily temp. (°C)	8	7.4	6.7	3.4	1.7	2	-1	1.3	0.3	1.6	3.4	3.3
2022	Kojonup E	Rainfall (mm)	2.2	1	39.4	33	67	62.8	102	82.4	43.2	63.2	23.2	12.8
		Max daily temp. (°C)	38.8	41	35.4	29.9	26.1	18.4	17.3	19.5	24.5	29.3	32.6	36.5
		Min. daily temp. (°C)	6.8	8.3	6.4	4.9	1.7	1.8	-0.9	-0.9	-0.4	-1.3	3.6	4.1
2022	Qualeup 1	Rainfall (mm)	2.4	1.2	40.8	21	66	53.2	100.6	90.2	42	67.8	17.6	9.6
		Max daily temp. (°C)	40.5	41.8	36.5	30.4	23.9	18.8	18.3	19.3	25	29.1	33.8	35.9
		Min. daily temp. (°C)	8.8	8.1	6.3	4.7	4.8	2.1	-0.2	-0.4	1	0.3	3	6

2022	Qualeup 2	Rainfall (mm)	2.4	1.2	40.8	21	66	53.2	100.6	90.2	42	67.8	17.6	9.6
		Max daily temp. (°C)	40.5	41.8	36.5	30.4	23.9	18.8	18.3	19.3	25	29.1	33.8	35.9
		Min. daily temp. (°C)	8.8	8.1	6.3	4.7	4.8	2.1	-0.2	-0.4	1	0.3	3	6
2022	Wandering	Rainfall (mm)	0	0.8	9.2	15.4	84	75.4	94.8	142.6	29.4	30.4	14.4	0.2
		Max daily temp. (°C)	40.3	42.6	37.5	30.4	27	20.4	19.9	20.3	24.9	30	38	37.4
		Min. daily temp. (°C)	11.4	10.7	9.3	2.9	4.1	3.1	0.4	1	0.2	-0.7	2	9.1
