

	Prec. mm	temp. °C	R_s rate (kg C ha ⁻¹)							
			W0N0	W0N1	W0N2	W1N0	W1N1	W1N2	W1N1T1	T1
Annual	175.75	4.63	1090.11	1338.26	1299.41	1450.78	1304.77	1043.77	1196.84	981.19
CV (%)	± 7.75	± 0.36	± 450.78	± 599.12	± 537	± 543.70	± 383.29	± 233.23	± 334.31	± 371.34
Treatment effect (%)	–	–	–	22.76	19.20	33.09	19.69	–4.25	9.79	–9.99
Growing season										
2014.9–2015.8	120.5	14.67	508.30	561.95	570.38	650.66	669.93	562.04	561.10	425.35
2015.9–2016.8	114.5	21.18	1220.27	1546.62	1506.88	1641.62	1274.93	1052.22	1183.86	1089.51
CV (%)	3.61	25.68	46.18	52.03	50.96	48.30	32.79	33.21	50.47	62.00
Non-growing season										
2014.9–2015.8	47.5	–6.13	131.03	177.09	192.03	256.43	251.55	248.50	301.43	184.49
2015.9–2016.8	69	–11.2	320.62	390.84	329.54	352.85	413.12	224.79	347.29	262.02
CV (%)	26.10	41.37	59.37	53.23	37.29	22.38	34.38	7.09	10.00	24.82
NGS contribution	–	–	20.65	22.07	21.57	22.98	25.89	24.13	27.10	22.80