

**Table S1.** Daily weather data during the experiment collected by Qassim university weather station (N26.351200, E43.766810)

Day of the year	Direct Normal Solar Radiation (W/m <sup>2</sup> /day)	Maximum Daily Air Temperature (°C)	Minimum Daily Air Temperature (°C)
15	6391.03	19.76	10.81
16	7087.11	17.95	8.60
17	6181.42	18.95	5.44
18	4082.81	11.33	5.58
19	6148.53	17.96	4.87
20	7557.42	14.04	6.38
21	8166.99	12.24	2.73
22	4416.67	14.43	2.58
23	3632.92	22.49	6.37
24	6611.10	22.40	9.88
25	6390.26	21.86	7.89
26	6335.73	26.53	9.83
27	7577.40	17.98	9.79
28	4527.61	14.86	5.64
29	1062.03	18.31	9.08
30	2318.28	22.76	8.20
31	1315.87	23.24	11.75
32	8690.12	17.63	9.47
33	6104.69	18.58	6.25
34	3867.77	27.25	10.17
35	4436.13	25.54	17.28
36	6454.10	17.69	9.63
37	8394.79	18.62	7.79
38	8463.50	20.87	7.83
39	7439.69	23.09	7.43
40	6792.49	25.57	10.03
41	3598.35	27.07	13.43
42	7532.59	21.22	10.62
43	8688.82	16.99	8.04
44	9088.62	19.60	5.72
45	9306.58	21.22	7.81

46	8890.83	25.90	9.12
47	7742.05	25.47	10.46
48	6793.55	23.72	9.77
49	3943.53	27.98	11.42
50	1804.08	27.52	16.15
51	8475.14	20.49	9.81
52	6232.77	21.23	8.71
53	7484.41	25.70	9.00