

## Supplementary material

**Table S1. Weekly meteorological data from May 2021 to April 2022 of the experimental farms from where the seeds were collected.**

<b>Week</b>	<b>T.max</b>	<b>T.min</b>	<b>RH</b>	<b>Rainfall</b>
18	38.49	24.13	48.86	0.00
19	41.19	26.41	50.86	0.00
20	43.21	26.54	50.29	0.17
21	35.54	22.14	63.29	7.54
22	41.59	24.40	49.71	0.86
23	43.97	26.79	37.14	0.00
24	39.86	26.53	59.71	3.26
25	36.29	24.51	54.29	0.00
26	36.66	27.20	69.43	20.94
27	37.50	28.44	70.29	0.00
28	36.04	26.03	73.57	11.17
29	34.77	25.49	79.71	12.80
30	33.07	24.89	79.43	11.00
31	33.23	25.51	79.71	1.29
32	34.16	26.21	72.71	0.00
33	33.87	25.21	71.86	4.51
34	35.03	25.67	74.86	2.44
35	35.49	25.39	71.57	3.09
36	36.87	25.43	72.14	0.00
37	32.30	23.46	82.14	6.56
38	31.59	22.89	84.14	20.79
39	35.29	23.16	70.43	0.00
40	31.57	23.26	84.71	16.03
41	28.76	21.03	78.00	3.24
42	32.77	18.77	64.14	0.00
43	30.84	16.43	64.57	0.00
44	31.20	17.06	68.57	0.00
45	28.97	18.10	68.43	0.00
46	26.77	15.04	63.86	0.00
47	26.64	9.79	60.71	0.00
48	25.36	8.36	64.14	0.00
49	24.36	8.16	62.00	0.00

50	24.91	6.84	64.29	0.00
51	20.66	5.01	73.29	0.00
52	18.57	5.94	74.14	0.00
1	16.20	3.66	81.00	0.00
2	17.69	4.90	75.57	0.00
3	19.40	4.14	63.71	0.00
4	21.04	8.69	76.57	0.00
5	20.96	8.50	69.86	4.77
6	26.76	11.80	63.71	0.00
7	26.66	9.57	66.29	0.00
8	30.79	11.80	68.29	0.00
9	30.23	14.11	62.14	0.00
10	30.30	13.87	59.86	0.00
11	31.20	14.77	62.00	0.61
12	27.46	15.56	70.86	7.43
13	29.54	15.34	66.71	6.96
14	32.46	17.16	54.64	0.49
15	37.49	18.40	46.36	0.00
16	38.20	21.93	50.79	0.74
17	34.69	19.53	54.64	0.13

T.Max- maximum daily temperature; T.Min- minimum daily temperature; RH- relative humidity