

Supplementary Table S3 | Days to flowering and plant height data (PH) in the investigated plant materials.

Entry			Days to flowering						PH
No.	Accession	Subspecies	15 Pro	15 Far	16 Pro	16 Far	GH	Avg	Avg
1	Langdon	<i>T. durum</i>	31.0	11.3	33.3	35.0	35.2	30.2	120.8
2	SW7		n.d.	22.5	40.5	40.5	37.7	36.1	97.5
3	SW8		n.d.	23.3	44.0	45.0	39.0	35.7	96.0
4	SW9		n.d.	26.0	45.0	38.5	43.8	41.1	100.8
5	SW25		27.0	10.0	30.7	29.7	31.3	26.7	91.7
6	SW52		n.d.	n.d.	n.d.	45.0	42.0	42.5	90.0
7	SW53		n.d.	21.7	43.0	35.0	42.2	36.5	106.4
8	SW59		n.d.	13.0	38.7	45.0	37.8	32.8	100.0
9	SW62		34.0	20.0	44.3	35.5	38.8	35.4	108.9
10	Ben	<i>T. durum</i>	17.0	5.3	21.7	31.3	34.0	23.9	91.7
11	SW79		24.3	9.7	30.7	30.3	36.7	28.1	90.0
12	SW81		35.0	17.3	41.3	32.0	44.2	36.1	96.1
13	Lebsock	<i>T. durum</i>	17.0	8.0	19.3	27.5	28.0	20.9	87.7
14	SW84		23.0	8.0	26.3	23.3	31.7	24.0	90.0
15	8155-B2	<i>T. durum</i>	24.7	10.0	31.0	26.5	35.7	27.3	86.4
16	SW87		35.5	14.0	41.0	43.5	42.3	37.5	83.1
17	Iumillo	<i>T. durum</i>	23.0	12.3	24.0	25.7	27.3	23.3	95.0
18	SW85		25.7	13.0	26.7	38.0	31.5	27.7	86.3
19	CItr 7687-1	<i>T. dicoccum</i>	21.5	9.5	19.0	23.7	30.0	22.7	67.5
20	SW90		16.7	5.7	22.7	19.0	27.0	19.7	74.1
21	CItr 14133-1	<i>T. dicoccum</i>	25.7	12.0	25.0	26.7	29.3	26.3	100.0
22	SW91		21.0	13.7	24.7	24.3	32.3	24.7	92.9
23	SW92		22.0	15.0	29.0	18.5	29.7	24.3	96.4
24	SW93		23.0	12.7	28.7	30.3	32.5	26.6	92.5
25	PI 94616-1	<i>T. dicoccum</i>	16.7	6.3	16.0	17.0	27.3	17.3	79.6
26	SW97		13.0	3.0	16.0	10.0	20.3	14.0	81.4
27	SW98		15.7	5.7	19.0	n.d.	31.0	19.7	82.8
28	SW99		15.0	5.0	15.3	20.5	21.0	16.1	81.8
29	PI 94621-1	<i>T. dicoccum</i>	21.0	11.0	21.3	21.0	28.8	22.0	85.0
30	SW100		18.0	8.0	19.0	23.3	28.2	20.9	86.8
31	SW101		19.3	6.3	19.3	13.5	22.8	17.6	85.5
32	SW102		20.0	10.7	26.3	19.0	28.7	22.4	81.4
33	PI 94625-1	<i>T. dicoccum</i>	20.0	7.3	17.3	19.0	28.0	19.9	68.6
34	SW103		20.7	5.3	18.0	11.0	29.7	19.1	74.1
35	SW104		18.0	8.0	19.7	n.d.	24.0	18.7	83.9
36	SW105		23.0	6.3	19.3	15.0	29.0	20.3	75.4
37	PI 94626-1	<i>T. dicoccum</i>	20.0	15.7	19.3	24.3	36.3	25.3	93.3
38	SW106		19.0	7.0	20.7	19.0	27.5	20.1	84.2
39	SW107		25.7	11.0	23.3	15.0	31.0	25.6	87.8
40	PI 94627-1	<i>T. dicoccum</i>	17.7	8.3	19.7	23.7	24.2	19.4	78.3
41	SW108		13.0	3.7	18.3	22.7	20.2	16.3	77.9
42	SW109		15.3	6.0	18.3	13.0	19.8	15.7	84.5
43	SW110		13.3	4.7	16.7	17.5	20.0	15.2	79.1

44	PI 94635-1	<i>T. dicoccum</i>	37.0	28.0	38.7	37.0	46.3	39.0	101.1
45	SW111		25.0	n.d.	45.0	36.5	39.6	37.9	90.8
46	SW112		n.d.	29.0	n.d.	38.3	44.5	41.1	90.0
47	PI 94648-1	<i>T. dicoccum</i>	24.3	16.0	27.7	28.0	51.2	32.0	92.1
48	SW114		25.3	9.7	22.0	28.0	38.3	26.9	86.8
49	SW115		23.7	11.0	22.0	19.0	32.2	25.3	86.7
50	PI 94666-1	<i>T. dicoccum</i>	20.0	13.7	23.0	28.3	34.3	25.6	81.3
51	SW116		21.0	9.0	22.0	14.0	31.7	21.6	77.1
52	SW117		20.0	15.0	23.0	16.3	34.5	24.1	82.7
53	PI 94673-1	<i>T. dicoccum</i>	19.0	13.7	27.7	17.5	36.5	25.6	80.0
54	SW118		25.0	10.3	22.0	18.0	31.0	23.2	80.0
55	SW119		23.7	8.3	20.3	22.7	23.0	20.2	78.3
56	SW120		25.7	10.0	22.0	24.0	27.8	23.6	78.6
57	PI 94675-1	<i>T. dicoccum</i>	22.3	11.3	25.3	13.5	33.7	23.9	99.1
58	SW121		22.0	8.7	20.3	25.7	28.2	22.2	86.7
59	SW122		16.3	7.3	25.0	20.7	29.3	21.3	90.4
60	PI 94738-1	<i>T. dicoccum</i>	19.0	13.7	24.7	18.0	34.8	24.5	99.5
61	SW123		20.0	8.0	23.3	21.3	27.0	21.1	89.6
62	SW124		16.0	9.0	22.0	19.0	29.2	20.7	87.9
63	PI 225332-1	<i>T. dicoccum</i>	17.7	8.0	21.7	24.7	27.4	20.8	82.5
64	SW125		20.3	9.0	23.3	24.5	22.2	20.7	76.5
65	SW126		16.0	8.0	24.0	17.0	19.3	17.3	82.0
66	SW127		19.0	7.5	16.7	17.3	24.5	18.9	78.6
67	PI 254165-1	<i>T. dicoccum</i>	17.0	5.3	18.7	22.7	33.4	21.1	77.5
68	SW128		18.0	6.7	20.7	16.7	25.5	18.8	76.3
69	SW129		16.3	7.7	18.0	17.7	24.5	18.1	76.3
70	SW130		18.3	8.7	21.3	24.5	27.8	21.2	74.1
71	PI 254167-1	<i>T. dicoccum</i>	22.0	7.3	17.3	22.5	28.8	21.0	79.5
72	SW131		16.7	9.0	16.7	19.0	25.2	19.2	75.9
73	SW132		16.3	5.7	20.7	16.3	21.7	17.1	80.8
74	PI 254189-1	<i>T. dicoccum</i>	22.0	13.0	26.0	24.0	41.0	27.3	91.4
75	SW133		22.3	9.0	23.3	28.3	29.8	23.8	82.1
76	SW134		18.0	11.3	24.7	18.7	27.2	21.2	81.7
77	SW135		23.7	15.0	23.0	37.0	29.7	26.3	81.3
78	PI 349043-1	<i>T. dicoccum</i>	22.0	12.0	24.0	24.0	34.8	26.5	93.9
79	SW138		30.0	10.0	18.7	27.7	29.7	23.9	80.5
80	SW139		20.3	10.0	25.7	12.0	30.2	23.4	85.6
81	PI 349046-1	<i>T. dicoccum</i>	18.0	13.5	21.7	22.0	35.0	24.8	90.0
82	SW140		21.3	11.7	18.7	22.0	30.0	22.3	81.3
83	SW141		18.7	12.7	19.3	23.0	26.3	20.9	87.3
84	SW142		20.0	8.7	21.3	16.0	31.3	21.4	87.5
85	PI 352548-1	<i>T. dicoccum</i>	15.3	4.3	13.7	13.0	20.0	14.4	85.4
86	SW143		16.7	6.0	20.7	10.5	22.2	16.7	90.0
87	SW144		16.0	5.7	14.0	11.7	19.0	14.2	85.8
88	PI 355507-1	<i>T. dicoccum</i>	18.0	8.7	18.0	21.3	27.6	19.8	80.8
89	SW145		19.0	9.0	19.7	18.0	26.7	19.8	79.6
90	SW146		18.7	9.3	16.0	14.7	24.5	17.9	83.3
91	PI 377655-1	<i>T. dicoccum</i>	23.3	13.7	25.0	23.3	44.0	27.0	99.2

92	SW147		17.0	6.7	20.0	30.0	29.8	22.2	85.8
93	SW148		18.0	10.5	24.0	31.0	28.3	23.5	85.0
94	CI 3686	<i>T. dicoccum</i>	20.0	11.7	24.7	25.0	33.2	24.6	99.6
95	SW150		18.0	8.7	18.7	28.3	24.7	20.5	92.5
96	SW151		17.0	10.3	23.7	24.0	29.8	22.4	93.2
97	CI 7779	<i>T. dicoccum</i>	20.0	11.3	25.7	27.0	34.3	25.4	94.6
98	SW153		21.3	10.0	23.0	21.3	27.8	23.4	87.0
99	SW154		21.7	12.0	26.7	32.0	27.5	24.4	86.1
100	CI 14085	<i>T. dicoccum</i>	37.0	25.7	35.7	33.3	34.2	33.3	102.1
101	SW155		19.0	7.0	19.3	28.0	25.3	21.5	94.1
102	SW156		21.0	12.3	23.7	28.3	27.0	23.2	95.4
103	CI 14086	<i>T. dicoccum</i>	36.0	22.7	38.0	38.3	32.5	33.3	104.6
104	SW157		17.0	10.0	19.3	23.7	25.0	21.3	96.0
105	SW158		23.3	9.5	20.7	17.7	24.3	20.6	98.2
106	CI 14135	<i>T. dicoccum</i>	36.0	25.7	34.3	36.7	38.6	34.8	103.8
107	SW159		23.3	10.0	25.7	21.7	25.3	22.6	92.3
108	SW160		n.d.	22.0	31.0	31.0	20.8	24.3	73.8
109	PI 41025	<i>T. dicoccum</i>	20.0	10.3	25.0	26.3	38.3	26.4	105.4
110	SW162		17.7	7.7	16.0	19.7	24.0	18.2	89.2
111	SW163		20.5	12.5	20.0	19.0	28.0	21.9	92.0
112	SW164		18.7	13.0	23.7	30.3	35.2	26.0	82.9
113	PI 94618	<i>T. dicoccum</i>	20.0	11.7	25.0	26.7	42.2	27.9	93.3
114	SW167		21.5	8.0	19.3	18.5	31.0	21.8	85.0
115	SW168		25.0	11.0	23.0	14.3	28.2	22.2	82.3
116	PI 94669	<i>T. dicoccum</i>	22.0	12.0	24.5	26.5	33.0	25.1	101.5
117	SW171		19.0	10.0	20.7	20.5	29.0	21.4	89.1
118	SW172		22.0	9.0	19.3	22.5	24.0	20.7	93.0
119	SW173		28.0	22.0	25.0	24.3	30.7	27.3	84.4
120	PI 94680	<i>T. dicoccum</i>	37.0	23.7	41.7	34.0	36.3	34.8	106.8
121	SW176		22.7	14.3	24.0	17.0	24.0	21.5	94.5
122	PI 94681	<i>T. dicoccum</i>	17.0	10.0	17.3	23.7	31.7	21.9	95.0
123	SW177		18.0	7.3	19.7	20.5	27.3	20.0	87.3
124	SW178		16.3	10.7	21.0	18.5	25.2	19.5	89.1
125	SW179		17.0	9.0	24.0	19.3	27.7	21.3	87.5
126	PI 190926	<i>T. dicoccum</i>	37.0	28.0	37.0	41.0	36.5	36.1	105.0
127	SW182		27.0	14.7	27.7	18.0	30.8	24.9	93.2
128	PI 191091	<i>T. dicoccum</i>	n.d.	19.3	36.3	35.3	45.0	34.0	107.5
129	SW183		30.0	14.5	24.3	36.3	37.0	30.8	91.8
130	PI 191390	<i>T. dicoccum</i>	37.0	27.3	37.7	31.7	42.2	36.0	102.1
131	SW185		27.0	19.5	28.0	36.0	29.5	27.8	93.8
132	SW186		27.7	13.3	30.7	25.0	29.0	25.9	96.0
133	PI 272527	<i>T. dicoccum</i>	37.0	23.3	44.7	40.3	60.5	40.0	130.0
134	SW187		32.0	19.0	35.7	38.0	39.4	34.4	100.0
135	SW188		27.0	14.3	33.3	24.5	36.2	28.8	104.1
136	PI 61102	<i>T. carthlicum</i>	22.0	12.0	25.7	24.3	30.2	24.1	92.5
137	SW190		19.0	13.0	22.0	21.3	24.8	20.8	89.6
138	SW191		17.0	9.3	20.7	14.3	23.7	18.1	92.1
139	PI 78812	<i>T. carthlicum</i>	23.0	9.0	26.0	23.0	31.3	23.9	93.3

140	SW192		28.3	13.5	28.7	30.0	32.8	28.4	91.0
141	PI 94748	<i>T. carthlicum</i>	24.0	9.7	22.0	21.0	35.5	24.6	88.3
142	SW193		35.0	17.0	34.0	36.0	37.8	33.8	89.4
143	SW194		33.0	20.3	36.3	36.0	39.5	34.1	84.2
144	PI 94750	<i>T. carthlicum</i>	20.0	8.7	22.0	22.3	33.7	23.4	92.5
145	SW195		24.3	9.7	28.3	30.7	30.8	25.8	88.3
146	PI 94751	<i>T. carthlicum</i>	27.7	13.3	22.0	28.0	28.7	24.7	92.9
147	SW197		29.0	13.3	29.3	28.3	32.2	27.4	89.2
148	SW198		25.7	13.0	29.0	24.7	28.2	24.8	91.3
149	SW199		28.3	14.0	32.7	32.3	32.2	28.6	88.3
150	PI 94752	<i>T. carthlicum</i>	28.3	10.3	23.3	28.0	28.8	24.6	87.9
151	SW200		20.0	10.0	23.0	18.3	24.2	20.5	90.5
152	SW201		19.0	9.0	23.0	24.5	25.7	20.9	89.5
153	PI 94753	<i>T. carthlicum</i>	28.3	13.7	29.3	27.5	37.0	28.9	96.8
154	SW203		36.0	17.3	40.3	34.0	40.7	34.9	89.0
155	PI 94754	<i>T. carthlicum</i>	27.0	14.0	25.3	20.0	26.8	23.3	88.8
156	SW204		21.0	13.0	18.0	19.7	23.2	19.7	89.6
157	SW205		22.0	10.0	20.7	26.0	24.2	22.6	86.8
158	PI 115816	<i>T. carthlicum</i>	24.3	12.0	25.0	26.5	28.5	24.0	101.8
159	SW207		17.3	13.3	17.3	30.0	21.3	19.5	93.2
160	SW208		17.7	7.7	20.0	24.0	21.5	18.7	94.6
161	SW209		19.3	9.3	21.3	21.5	22.2	19.2	90.0
162	PI 283888	<i>T. carthlicum</i>	22.0	9.0	22.0	21.0	33.8	23.6	92.1
163	SW214		29.7	14.3	30.0	17.7	33.7	26.5	91.3
164	SW215		20.0	6.7	28.0	19.7	23.8	20.3	86.7
165	SW216		24.3	11.3	26.7	17.3	29.3	23.1	91.3
166	PI 283889	<i>T. carthlicum</i>	20.0	8.7	23.7	27.5	34.0	24.5	92.7
167	SW217		31.3	13.3	28.7	34.0	34.0	29.2	88.8
168	SW218		22.0	10.7	28.0	20.7	27.0	22.6	91.3
169	PI 283890	<i>T. carthlicum</i>	21.0	9.7	22.0	22.7	33.3	23.7	90.8
170	SW219		26.3	13.5	28.3	29.3	31.2	27.4	88.2
171	SW220		30.7	12.7	30.3	25.7	33.7	27.8	87.5
172	PI 352281	<i>T. carthlicum</i>	24.3	11.3	24.0	13.7	33.3	23.3	92.9
173	SW224		28.3	15.5	32.7	26.3	34.0	29.2	89.2
174	SW225		27.7	10.3	33.0	24.3	32.8	26.8	93.3
175	PI 532489	<i>T. carthlicum</i>	17.7	8.0	20.0	23.3	28.8	21.1	84.6
176	SW226		21.0	8.7	23.7	15.5	29.3	21.6	86.4
177	SW227		27.0	12.3	27.3	29.0	32.8	26.9	87.5
178	PI 532491	<i>T. carthlicum</i>	17.0	8.0	22.0	34.7	27.7	22.8	82.9
179	SW228		23.3	10.7	27.3	32.3	31.3	26.1	84.6
180	PI 532509	<i>T. carthlicum</i>	24.3	12.0	24.3	31.5	27.7	24.2	91.4
181	SW233		19.0	8.7	20.0	21.0	22.5	18.9	90.4
182	SW234		17.0	10.3	20.7	13.0	25.3	18.6	90.8
183	PI 532516	<i>T. carthlicum</i>	21.0	7.3	23.0	31.0	31.3	24.2	91.8
184	SW236		29.3	10.5	31.0	25.3	31.3	27.4	88.8
185	SW237		30.7	13.7	34.5	24.0	33.8	28.1	85.5
186	PI 532517	<i>T. carthlicum</i>	25.7	12.7	27.0	31.3	31.3	26.6	87.9
187	SW238		17.0	13.0	22.3	13.0	21.8	18.8	84.5

188	PI 573182	<i>T. carthlicum</i>	22.0	12.7	23.7	16.7	27.7	21.7	88.8
189	SW242		32.5	13.3	31.7	21.0	31.8	26.7	86.4
190	SW243		25.7	9.0	30.3	31.7	33.3	27.2	90.8
191	PI 585017	<i>T. carthlicum</i>	27.7	13.0	28.3	25.3	33.3	26.8	92.5
192	SW244		35.0	13.0	34.7	28.7	37.5	31.1	90.0
193	SW245		32.0	16.0	33.0	32.7	41.8	32.9	85.4
194	Blackbird	<i>T. carthlicum</i>	21.0	11.3	25.3	22.7	25.7	21.9	86.3
195	SW247		16.7	7.0	21.3	23.0	24.3	19.4	85.0
196	SW248		18.7	10.0	18.0	19.0	20.0	17.6	86.3
197	SW249		20.7	8.3	18.0	12.3	23.0	17.6	87.1
198	PI 223171	<i>T. polonicum</i>	22.0	14.0	26.3	28.0	32.8	25.9	87.7
199	SW251		27.0	11.0	30.0	34.7	38.8	30.1	88.3
200	PI 225335	<i>T. polonicum</i>	23.5	13.0	30.0	34.0	28.6	25.8	83.5
201	SW252		27.0	11.5	27.7	28.3	35.7	28.6	97.7
202	PI 254215	<i>T. polonicum</i>	22.0	13.3	26.7	37.0	31.0	26.8	90.8
203	SW253		27.0	14.7	29.7	28.5	31.8	27.2	95.0
204	PI 272567	<i>T. polonicum</i>	n.d.	n.d.	30.0	18.5	33.0	28.3	76.9
205	SW255		27.7	14.0	27.3	22.7	36.0	28.1	100.5
206	PI 272569	<i>T. polonicum</i>	29.0	12.0	31.3	31.0	30.0	29.1	79.4
207	SW256		27.7	12.7	26.7	32.3	35.2	28.3	100.8
208	PI 272572	<i>T. polonicum</i>	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
209	SW257		30.7	12.0	27.0	21.0	36.0	27.5	95.5
210	SW258		27.0	10.7	28.3	22.5	38.7	27.9	97.3
211	PI 290512	<i>T. polonicum</i>	25.7	13.5	29.3	31.3	29.5	27.2	82.1
212	SW259		30.7	17.5	29.7	32.7	34.2	30.5	97.7
213	PI 349051	<i>T. polonicum</i>	27.0	14.7	30.7	34.3	37.7	30.3	96.7
214	SW260		29.7	17.7	32.0	28.0	38.8	30.8	104.2
215	PI 349052	<i>T. polonicum</i>	37.0	22.0	35.7	28.5	47.7	36.9	107.2
216	SW261		35.5	16.3	35.7	30.5	41.5	33.6	102.5
217	CI 8115	<i>T. turgidum</i>	25.7	10.0	28.0	20.0	27.2	22.8	110.9
218	SW264		n.d.	24.0	42.0	36.5	42.2	38.2	92.9
219	SW265		n.d.	18.0	43.3	38.0	37.3	34.8	97.2
220	CI 11390	<i>T. turanicum</i>	n.d.	17.0	27.3	25.0	43.0	32.1	95.0
221	SW267		33.0	16.0	34.3	30.7	45.0	34.0	93.8
222	PI 185192	<i>T. turanicum</i>	22.0	9.3	23.7	24.7	32.2	24.0	96.7
223	SW268		33.0	16.7	34.0	26.0	44.7	34.1	90.0
Sumai 3			19.7	5.0	24.7	11.3	24.8	18.4	85.4
Grandin			13.3	5.7	11.0	12.7	18.3	13.2	80.4
Average			23.0	11.8	25.5	25.0	31.1	24.7	89.7
LSD $\alpha=0.05$			4.2	5.0	4.6	14.7	4.7	3.4	5.8

^a15 Pro and 16 Pro: Days to flowering in Prosper in 2015 and 2016, respectively.

^b15 Far and 16 Far: Days to flowering in Fargo in 2015 and 2016 respectively.

^cAverage days to flowering from the two greenhouse experiments from ANOVA test.

^dAverage plant height data from all field experiments (2015, 2016) from ANOVA test.

n.d.: no data