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STATION SPRING WHEAT

Dickinson Spring Wheat Nursery: 117 varieties or strains - triplicate single rows

Thatcher, the highest yielding check in this trial averaged 11.9 bushels per acre and was equaled or exceeded by 72 Dickinson Experiment Station strains, the best of which was the combination Regent x Mida^2 , which included three selections yielding 13.3, 13.8 and 14.2 bushels per acre. Other high yielding combinations included in this nursery were: 1556 x Thatcher, Pilot^2 x Premier, 1556 x Pilot, 2157 x Rescue, Mida x Rescue, Pilot x 2822 and 1552 x Mida.

As in all previous nurseries, test weights were good in both the Dickinson Experiment Station nursery trials this year, ranging from 58.0 to 63.0 bushels per acre.

With the exception of some selections of the Il-42-22 x 2010 combination, and Il-42-22 x 1924, combination leaf rust in both of these trials was reasonably heavy as in all previous trials already reported. No entry was entirely free from black stem rust.

Data from the 1952 Station T.S.R. Spring Wheat Nursery is summarized in table 41.

Table 41 - Agronomic Data From Dickinson Spring Wheat Nursery - 1952
Date seeded - 4-19
Date emerged - 4-29
Rate - 1 bpa
Plot size - 1' x 16'

			3 - Row Ave.		Dates				
1952 Row	Description	N. No. or Selection	bpa	Test Weight	1st Head	Ripe	Height Inches	% Leaf	% Stem

No.								Rust	Rust
201	Reg. - Mida x 1552 - Mida	43.29 A1-1-5-4	8.2	60.0	6-18	8-3	23	50	M
202	Do	43.29 A1-15-2-5	12.4	60.5	6-18	8-3	22	50	M
203	Mida	Check	9.8	62.0	6-18	8-3	20	50	M
204	Regent x Mida[2]	43.28 A1-8-2-1	11.5	59.5	6-18	8-3	20	60	M
205	Do	43.28 A1-8-2-3	10.9	59.0	6-18	8-3	21	60	M
206		43.28 A1-4-2-4	13.3	59.5	6-22	8-4	19	60	M
207		43.28 A1-4-2-5	11.1	61.0	6-23	8-4	22	30	M
208		43.28 A1-4-4-1	14.2	60.5	6-23	8-4	20	60	M
209		43.28 A1-4-4-2	13.8	60.5	6-24	8-4	21	60	M
210	Regent	Check	11.1	60.0	6-18	8-1	29	75	H
211	1556 x 12040	41.20 A2-20-2-1	13.0	61.5	6-18	8-1	20	80	H
212	Do	41.20 A2-20-5-3	11.7	59.5	6-20	7-31	22	60	H
213	1556 x Mida	42.7 A1-7-4-1	11.7	60.0	6-21	7-31	23	60	H
214	Do	42.7 A1-36-3-4	11.7	61.5	6-20	8-5	22	60	H
215		42.7 A1-45-5-1	9.7	60.0	6-19	8-5	20	60	H
216		42.7 A1-46-1-3	11.0	59.5	6-21	8-5	19	60	H
217	Merit x 1556	41.9 A1-7-2-1	11.7	59.5	6-19	8-5	20	60	H
218	1556 x Thatcher	41.3 A1-1-12-2	14.2	60.0	6-20	8-5	22	40	H

219	N. No. 1556	Check	12.0	60.0	6-19	8-4	20	75	H
220	1556 x R.L. 1333	42.6 A1-10-14-1-4	11.5	61.0	6-20	8-3	20	80	H
221	Do	42.6 A1-11-6-4	12.0	60.0	6-23	8-5	21	80	H
222		42.6 A1-50-1-3	13.5	60.5	6-21	8-3	24	80	H
223	1563 x Regent	42.25 A1-9-3-2	12.8	59.0	6-18	8-3	21	75	H
224	Regent x Mida	1843-11	12.7	60.5	6-18	8-3	21	75	M
225	Do	1843-68	11.1	60.0	6-18	7-31	18	75	H
226		1843-75	11.6	61.5	6-21	8-1	23	75	H
227		1844-9	13.4	60.0	6-21	8-6	24	75	H
228		1844-92	12.9	60.0	6-21	8-6	25	75	H
229	Mida	Check	11.9	62.0	6-21	8-5	26	50	H
230	Cebes^3 - H - G 334 x Pilot - Premier	43.16 A1-1-16-3-3	14.1	61.0	6-23	8-5	24	30	T
231	Pilot x Premier	40.28 A1-15-3-4	12.3	60.5	6-21	8-4	24	50	M
232	Pilot^2 x Premier	41.22 A1-15-2	13.6	61.0	6-21	8-4	23	50	M
233	1556 x Pilot	41.11 A1-3-1-2	13.3	59.5	6-20	8-3	19	50	H
234	Do	41.11 A1-3-3	13.5	60.5	6-20	8-1	20	50	H
235	1552 x Pilot	40.5 A1-1-3-1	12.9	61.5	6-21	8-1	20	75	H
236	Do	40.5 A1-3-4	11.7	60.0	6-22	8-1	22	75	H

237		40.5 A1-1-5-1-3	10.8	60.0	6-20	8-4	20	75	H
238		40.5 A1-19-1-2	11.6	60.5	6-20	8-5	20	75	H
239		Check	12.5	60.5	6-23	8-4	20	50	M
240	Regent x Mida	2026-23	11.8	60.0	6-21	8-1	23	70	M
241	Regent x Mida	2026-46	11.5	60.0	6-21	7-28	21	70	M
242	Ceres^3 H - G 334 x Pilot - Premier	43.16 A1-16-3-3	10.2	60.5	6-24	8-1	22	50	M
243	1552 x Thatcher	2027-45	11.9	58.5	6-21	7-28	19	25	M
244	Do	40.29 A1-1-4-2	11.5	60.5	6-20	7-28	18	25	M
245	1740 x Mida	42.15 A1-1-21-4	10.8	61.0	6-17	8-7	19	70	M
246	1552 x Mida	40.1 A1-3-1-3	13.1	61.0	6-23	7-31	19	30	H
247	Do	40.1 A1-3-1-5	12.5	61.0	6-23	7-31	21	30	H
248		40.1 A1-6-1-3	10.9	60.5	6-21	7-31	21	30	H
249		40.1 A1-6-4-2	13.0	61.5	6-21	7-31	20	30	H
250		40.1 A1-16-3-1	14.4	60.5	6-23	8-7	23	25	H
251	Thatcher	Check	10.9	60.0	6-17	7-28	21	80	H
252	1552 x 12040	41.16 A2-1-1-3	10.7	58.0	6-21	7-31	20	40	H
253	Pilot x 2822	41.24 A1-15-2-3	13.3	58.0	6-20	8-2	22	60	M
254	Do	41.24 A1-31-1-1	12.4	58.5	6-20	8-2	21	60	M

255	1890 - Mida x Regent - Mida	44.7 A1-5-2-1	10.7	60.0	6-17	7-31	23	75	M
256	Do	44.7 A1-7-4-1	8.6	61.0	6-17	7-31	22	75	M
257	1844 - Mida	44.10 A1-9-5-1	10.8	61.0	6-17	8-1	24	75	M
258	Do	44.10 A1-11-3-4	10.5	61.0	6-17	8-2	22	75	M
259		44.10 A1-12-5-1	12.3	61.5	6-17	8-5	22	75	M
260		44.10 A1-12-5-5	12.1	61.5	6-18	8-3	22	75	M
261	1844 - Mida	44.10 A1-23-5-3	12.8	60.5	6-18	8-3	20	75	M
262	Mida	Check	12.1	61.5	6-19	8-3	22	75	M
263	1844 - Mida	44.10 A1-23-5-5	11.3	62.0	6-18	8-3	24	75	M
264	Do	44.10 A1-28-4-2	12.1	61.0	6-17	7-31	21	75	M
265		44.10 A1-28-4-4	11.7	62.0	6-17	8-1	21	75	M
266		44.10 A1-28-4-5	11.2	61.0	6-18	8-2	21	75	M
267		44.10 A1-29-5-1	11.9	60.0	6-18	8-2	21	75	M
268		44.10 A1-29-5-5	11.1	60.0	6-18	8-2	20	75	M
269	Rescue	Check	12.3	60.5	6-18	7-28	21	70	M
270	2157 x Rescue	46.24 A1-2-1-1	12.2	59.5	6-20	8-1	24	50	M
271	Do	46.24 A1-2-3-1	11.7	60.5	6-18	7-31	24	50	M
272		46.24 A1-2-4-1	12.1	60.5	6-20	8-1	24	50	M

273		46.24 A1-3-4-1	12.9	61.0	6-18	7-31	22	50	M
274		46.24 A1-3-6-1	12.4	61.0	6-17	7-31	19	50	M
275		46.24 A1-3-7-1	14.4	61.5	6-20	8-1	20	50	M
276		46.24 A1-6-2-1	11.5	60.5	6-18	8-2	23	50	M
277		46.24 A1-6-4-1	11.0	60.0	6-20	8-2	22	50	M
278		46.24 A1-6-6-1	16.5	58.0	6-23	8-3	25	50	M
279		46.24 A1-10-2-1	12.9	60.5	6-20	8-1	22	50	M
280		46.24 A1-10-3-1	14.4	60.0	6-20	8-3	23	50	M
281	Cadet	Check	11.5	59.0	6-20	8-4	23	80	H
282	1552 - Mida x Cadet	45.7 A1-7-1-4	9.9	61.5	6-20	8-4	19	80	H
283	Do	45.7 A1-7-3-2	11.5	61.5	6-20	8-4	21	80	H
284	2083 x Rescue	46.19 A1-3-3-1	9.5	59.5	6-18	7-31	20	25	M
285	2157 x Rescue	46.24 A1-2-2-2	13.0	59.5	6-18	8-2	21	20	M
286	Do	46.24 A1-3-7-2	10.9	60.5	6-20	8-2	17	20	M
287	Mida x Rescue	46.17 A1-19-1-1	9.7	61.0	6-17	7-30	18	40	H
288	Do	46.17 A1-22-1-1	11.9	60.0	6-20	8-2	25	40	H
289		46.17 A1-10-2-2	13.5	61.5	6-20	8-1	21	40	H
290		46.17 A119-12-2	10.1	60.5	6-17	8-1	21	40	H

291	Newthatch	Check	10.6	59.0	6-17	7-28	18	20	M
292	1552 - 12040 x Newthatch	45.10 A1-7-3-2	12.3	58.5	6-21	8-1	18	60	H
293	1740 - Mida x 1753	45.13 A1-6-1-3	10.5	60.5	6-20	7-31	21	30	M
294	Do	45.13 A1-10-4-4	12.1	60.5	6-17	7-31	19	30	M
295	1552 - Mida x Cadet	45.7 A1-7-1-5	9.8	61.0	6-18	8-2	21	80	H
296	Do	45.7 A1-7-2-2	8.3	60.5	6-17	8-1	18	80	H
297		45.7 A1-7-2-4	8.7	60.0	6-17	7-30	19	80	H
298		45.7 A1-7-3-1	10.0	61.0	6-17	7-30	19	80	H
299		45.7 A1-7-3-3	12.0	61.0	6-20	8-1	22	80	H
300		45.7 A1-9-1-1	10.7	62.0	6-17	7-31	22	80	H
301		45.7 A1-9-1-2	11.3	61.5	6-17	8-1	22	80	H
302		45.7 A1-9-1-6	10.4	61.5	6-19	8-1	21	40	M
303		45.7 A1-9-1-9	11.1	61.0	6-19	8-2	22	40	M
304		45.7 A1-9-3-1	10.1	61.5	6-17	7-31	20	80	M
305		45.7 A1-14-2-1	11.1	61.5	6-20	8-3	22	80	M
306		45.7 A1-17-5-2	12.5	60.5	6-20	8-3	24	80	M
307	1552 - 12040 x Newthatch	45.10-A1-6-2-1	12.5	58.5	6-20	8-3	20	25	M
308	Do	45.10 A1-6-2-2	13.5	58.5	6-20	8-2	19	25	M

309		45.10 A1-6-2-7	12.0	58.5	6-20	8-2	21	25	M
310		45.10 A1-7-2-1	14.5	58.5	6-20	8-3	20	25	H
311	Thatcher	Check	12.9	61.0	6-18	7-31	21	75	H
312	1552 - Pilot x Newthatch	45.12 A1-2-12	10.7	61.0	6-19	8-1	20	75	M
313	Do	45.12 A1-10-1-7	13.1	59.0	6-20	8-2	20	75	M
314		45.12 A1-16-2-6	13.7	57.0	6-20	8-2	22	75	M
315		45.13 A16-1-1	11.7	60.0	6-20	8-2	19	75	M
316		45.13 A1-15-1-2	11.0	61.5	6-18	8-3	20	75	M
317		45.13 A1-15-2-3	12.4	61.5	6-18	8-3	21	75	M

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