

CORN TRIALS - 1953

Fifteen o.p. varieties and hybrids and five experimental dent flint hybrids were planted in the 1953 corn nursery at the Dickinson Experiment Station.

Top grain yield this year was from Nodak 208 followed by Wis. 240, Rainbow Flint, Nodak 304 and Wis. 279 in that order.

Best silage yields were from Rainbow flint, KF-1, Nodak 208, Wis. 240 and Wis. 279 in that order.

Yields in the hand planted nursery were considerably lower than from machine plantings.

Data from the 1953 corn trials are summarized on [table 12](#).

Long time grain averages are presented in [table 13](#) and fodder averages are summarized in [table 14](#).

Table 12 - Corn Trials - 1953										
Variety	Shelled Corn - BPA				Av. Fodder Yield Pounds Per acre	Height - Inches		Date	Maturity	Rank
	1	2	3	Av.		Ears	Stalk			
Falconer	25.0	36.6	26.6	29.4	2984	12	30	7-28	Excellent	6
Nodak 203	13.3	14.4	13.3	13.7	1349	15	48	7-29	Fair	15
Nodak 208	34.4	37.7	35.5	35.9	3131	20	60	7-27	Good	1

Nodak 201	26.6	24.4	17.7	22.9	2062	18	60	7-29	Fair	13
Wis. 240	36.6	31.1	28.9	32.2	3023	21	63	7-29	Good	2
Nodak 301	33.3	26.6	25.5	28.5	2759	18	72	7-31	Fair	7
Nodak 304	34.4	33.3	26.6	31.4	2945	15	63	7-29	Good	4
Norden 77	24.4	24.4	25.5	24.8	2666	20	60	7-30	Good	10
Minn. 13 (Haney)	22.2	22.2	24.4	22.9	2837	21	60	7-29	Good	12
Rainbow Flint	33.3	31.1	31.1	31.8	3224	15	63	7-31	Good	3
Wis. 279	35.5	31.1	26.6	31.1	3061	24	70	7-31	Good	5
Dent 420	26.6	23.3	20.0	23.3	2248	24	66	7-31	Fair	11
Dent 349	20.0	13.9	17.7	17.2	1666	18	66	8-2	Fair	14
Dent Flint 712	40.0	24.4	18.9	27.8	2751	24	66	7-31	Excellent	8
KF-1	28.9	22.2	25.5	25.5	3178	18	60	8-1	Good	9
Dent Flint 101*	---	---	---	30.0	---	21	72	7-31	Good	---
Dent Flint 102*	---	---	---	31.1	---	24	72	8-2	Good	---
Dent Flint 103*	---	---	---	28.9	---	24	72	8-2	Good	---

Dent Flint 104*	---	---	---	35.5	---	18	60	8-2	Excellent	---
Dent Flint 105*	---	---	---	40.0	---	21	66	8-2	Good	---

*Seeded in single plot for observation.

Table 13 - Comparison of Average Shelled Corn Yields - Dickinson Trials - 1944-1953												
Variety or No.	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	Average	% of Falconer
Falconer	43.9	29.9	18.6	31.8	31.9	13.8	23.0	22.0	12.9	29.4	25.7	100%
Rainbow Flint	38.9	22.6	18.4	38.9	34.2	14.3	23.1	18.5	8.1	31.8	24.9	97%
Minn. 13 (Haney)	34.2	20.9	12.1	25.3	24.6	8.5	16.3	15.6	8.1	22.9	18.9	74%
Nodak 201	40.2	26.3	15.0	27.9	30.2	11.5	20.4	15.4	10.3	22.9	22.0	86%
Wis. 240	40.7	26.2	15.0	29.8	26.8	10.7	16.9	18.3	9.3	32.2	22.6	88%
Wis. 279	37.3	22.4	10.6	32.6	28.4	8.2	18.7	18.8	10.0	31.1	21.8	85%
Nodak 301	42.3	29.9	16.9	27.9	34.9	12.7	19.6	22.6	16.7	28.5	25.2	98%
Kingscrot KF-1		26.1	15.5	30.8	27.0	10.0	16.7	17.1	9.7	25.5	19.8	84%
Nodak 208					31.9	14.7	25.3	26.6	14.2	35.9	24.8	111%

Nodak 304					28.6	14.5	15.8	24.7	12.9	31.4	21.3	96%
No. 712							27.2	31.8	10.3	27.8	24.3	111%

Table 14 - Comparison of Average Fodder - Dickinson Trials - 1944-1953												
Variety or No.	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	Average	% of Falconer
Falconer	7236	4874	3072	4422	5320	2567	4408	2757	1800	2984	3944	100%
Rainbow Flint	8384	4774	3406	5557	5671	2755	4343	3507	945	3224	4257	108%
Minn. 13 (Haney)	7729	4320	2793	3811	3748	2115	3945	3445	1575	2837	3632	92%
Wis. 201	7054	3881	2568	4050	4388	2363	3365	3177	1553	2062	3446	87%
Wis. 240	7709	4289	2976	4382	3936	1877	3200	3658	1463	3023	3651	93%
Wis. 279	7864	4320	2942	4887	4240	2457	4292	3862	1868	3061	3979	101%
Nodak 301	7985	5644	3600	4050	5096	2644	3945	4361	2160	2759	4224	107%
Kingscrot KF-1		5867	3572	4925	4320	2730	3611	4729	2475	3178	3934	99.7%
Nodak 208					4503	2406	4112	4005	1303	3131	3243	98%
Nodak 304					3848	2331	3341	3782	1800	2945	3008	91%
No. 712							5041	5944	2205	2751	3985	133%

[Back to 1953 Research Report Table of Contents](#)

[Back to Research Reports](#)

[Back to Dickinson Research Extension Center \(http://www.ag.ndsu.nodak.edu/dickinso/\)](http://www.ag.ndsu.nodak.edu/dickinso/)

[Email: drec@ndsuent.nodak.edu](mailto:drec@ndsuent.nodak.edu)
