

## CORN TRIALS - 1952

Seed of 15 o.p. varieties and hybrids and twelve experimental stains of corn were furnished by Mr. Wm. Widakas for trial at the Dickinson Experiment Station in 1952.

Top yielder this year was Nodak 301 which ranked first for shelled corn yield and third for silage yield. Nodak 208 ranked second and fourth, and Experimental No. 712, which has been high yielder for the past two years, ranked fourth for grain yield and second in silage yield.

Nodak 301 and Experimental No. 712 are the two most promising hybrids in the trials in comparison with Falconer and Rainbow Flint, o.p. varieties. Nodak 301 has averaged 98 percent of the yield of Falconer in comparison of grain yield and 108 percent of Falconer in a comparison of silage yields for the past nine years. No. 712 has been in Dickinson trials for three years.

Comparative yields for the corn trials conducted at the Dickinson Experiment Station from 1943-1952 inclusive are presented in tables [17](#) and [18](#).

Table 17 - Comparison of Average Shelled Corn Yields - Dickinson Trials - 1943-1952												
Variety or Number	Shelled Corn - Bushels per acre											% of Falconer
	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	Ave.	
Falconer	20.1	43.9	29.9	18.6	31.8	31.9	13.8	23.0	22.0	12.9	24.8	100
Rainbow Flint	19.0	38.9	22.6	18.4	38.9	34.2	14.3	23.1	18.5	8.1	23.6	95

Minn. 13 (Haney)	9.9	34.2	20.9	12.1	25.3	24.6	8.5	16.3	15.6	8.1	17.6	71
Nodak 201	14.8	40.2	26.3	15.0	27.9	30.2	11.5	20.4	15.4	10.3	21.2	86
Wisconsin 240	18.6	40.7	26.2	15.0	29.8	26.8	10.7	16.9	18.3	9.3	21.3	86
Wisconsin 279	15.1	37.3	22.4	10.6	32.6	28.4	8.2	18.7	18.8	10.0	20.2	81
Nodak 301		42.3	29.9	16.9	27.9	34.9	12.7	19.6	22.6	16.7	24.9	98
Kingscrot KF-1			26.1	15.5	30.8	27.0	10.0	16.7	17.1	9.7	19.2	83
No. 785				18.5	31.9	32.7	12.6	22.0	28.3	4.5	21.5	98
Nodak 208						31.9	14.7	25.3	26.6	14.2	22.5	108
Nodak 304						28.6	14.5	15.8	24.7	12.9	19.3	93
No. 447						32.7	12.4	24.6	23.5	4.9	19.6	95
No. 712								27.2	31.8	10.3	23.1	120

Table 18 - Comparison of Average Fodder Yields - Dickinson Trials - 1952

Variety or	Fodder - Lbs. per acre	% of
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No.	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	Ave.	Falconer
	Falconer	3920	7236	4874	3072	4422	5320	2567	4408	2757	1800	
Rainbow Flint	5233	8384	4774	3406	5557	5671	2755	4343	3507	945	4458	110
Minn. 13 (Haney)	3313	7729	4320	2793	3811	3748	2115	3945	3445	1575	3679	91
Nodak 201	3248	7054	3881	2568	4050	4388	2363	3365	3177	1553	3565	88
Wisconsin 240	3621	7709	4289	2976	4382	3936	1877	3200	3658	1463	3711	92
Wisconsin 279	3766	7864	4320	2942	4887	4240	2457	4292	3862	1868	4051	100
Nodak 301		7985	5644	3600	4050	5096	2644	3945	4361	2160	4388	108
Kingscrot KF-1			5867	3572	4925	4320	2730	3611	4729	2475	4029	110
No. 785				3573	4582	4435	2736	3950	4557	1303	3762	108
Nodak 208						4503	2406	4112	4005	1303	3762	108
Nodak 304						3848	2331	3341	3782	1800	3021	90
No. 447						4772	2804	4854	4449	1485	3673	109

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No. 712								5041	5944	2205	4397	147
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[Email: drec@ndsuent.nodak.edu](mailto:drec@ndsuent.nodak.edu)

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