

**North Central Research Extension Center—Minot
Corn Hybrid Maturity Trials—Parshall and Falkirk**

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An 1860 GDD to PM, a 1950 GDD to PM, a 2100 GDD to PM, and a 2220 GDD to PM corn hybrids were evaluated at Parshall and Falkirk, ND. The plant population for all hybrids was 21,000 plants per acre. The previous crop was lentil at Parshall and pinto bean at Falkirk. Each trial was fertilized for a 100 bushel yield goal and planted in 30 inch rows. Parshall was planted on May 8 and Falkirk on May 9. The trial design was a randomized complete block with four replications. A killing frost occurred at both locations on September 14. According to the nearest NDAWN weather stations, there were 1908 GDDs accumulated at the Parshall site and 2034 GDDs at the Falkirk site from planting to the first killing frost. Plots were harvested October 11.

Hybrid	Parshall			Falkirk		
	Moisture at Harvest	Yield*	Test Weight	Moisture at Harvest	Yield*	Test Weight
	--%--	bu/A	lb/bu	--%--	bu/A	lb/bu
1,860 GDD	15.5	58.4	59.8	14.6	76.3	61.3
1,950 GDD	15.7	55.0	58.7	17.3	72.1	59.8
2,100 GDD	17.2	56.9	55.8	20.5	67.9	57.7
2,220 GDD	19.0	54.7	55.4	21.6	72.3	57.0
LSD 5%	NS	NS	0.6	3.3	NS	0.7
C.V.%	17.4	11.8	0.6	11.1	9.8	0.7
Mean	16.8	56.2	57.4	18.5	72.1	58.9

*Adjusted to 15% moisture