

Yield response of corn to planting date, 1986 to 2001 (14 yrs*), SE Exp. Farm, Beresford, SD.

Relative Maturity (MN rating)	----- Average planting date -----					Daily yield loss from May 7
	April 17	April 27	May 7	May 17	May 27	
	----- bu./acre, 13% moisture -----					
101-103 (early)	130	132	131	132	119	0.6
112-118 (late)	143	145	141	131	109	1.6
Average	137	139	136	131	114	1.1

*No data for 1995 or 2000.

Discussion: Yield reductions began to occur after May 17 in the early hybrid and after May 7 in the late hybrid. The daily yield loss in bushels per acre per day from May 7 to May 27 was lower for the early hybrid (0.6 bu.) than for the late hybrid (1.6 bu.). Averaged over both hybrids, the daily yield loss was 1.1 bushels per acre.

Source:

Berg, R., D.DuBois, B. Jurgensen, R. Stevens, and G. Williamson. 2001. *Date of planting corn*. SE South Dakota Experiment Farm Progress Report 41:37-42.