

Response of Soybean to Late Planting Dates

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Due to extended wet soil conditions in 2013, soybean planting was delayed and generally occurred during the last two weeks of May through much of June. Prior CREC research during 1999-2001, indicated an average yield loss of 6 percent when soybean planting was delayed from mid-May to the first week of June. The 2013 crop season provided the opportunity to re-examine the impact of late planting dates on soybean production.

A soybean establishment study, funded by the North Dakota Soybean Council, was conducted in 2013 that included soybean planting dates at three locations. At Carrington, a maturity group 0.7 cultivar was planted on May 29 and June 12. Two cultivars with maturity groups 0.1 and 0.7 were planted at Prosper on May 13 and 28; and at Wishek on May 24 and June 6. Seed yield at Prosper and Wishek was significantly greater with the first versus the second planting dates. Averaged across the three locations, the yield advantage was 8 percent (2.6 bu/ac) with planting the last one-half of May compared to late May to the first half of June.



Soybean planting date by maturity group trial at Prosper.