

## Planting date

**Summary: Planting after May 21 decreased yield in Cass County. Early-maturity soybean varieties (MG00) had equal yield to a full-season (MG0) variety when planted June 10 and June 17. If growers have to plant past the first week of June, they can plant an early maturity variety because the early-maturity and full-season maturity types had equal yield. For later planting dates, it makes sense to plant an early-maturity variety so that the field will be mature in case of an early fall freeze. For May planting, it is best to plant a full-season variety because a Maturity Group 0 variety will yield more than an Maturity Group 00 variety.**

In Cass county, ND a Maturity Group 0 soybean is more full-season. Ozzie is a 0.5 maturity soybean variety. A Maturity Group 00 soybean is a short-season type. Maple Amber would be an early Maturity Group 00 type with relative maturity of 00.6, while McCall is a bit later in maturity with a relative maturity of 00.9. At early planting dates, Ozzie yielded more than Maple Amber and McCall (Table 1). However, after June 3, the early-maturity types had equal yield to the full-season variety.

Table 1. Yield of three soybean varieties in Cass County, ND for five planting dates.

Planting date	Maple Amber (MG00)	McCall (MG00)	Ozzie (MG0)
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May 21	43.0	45.0	52.3
May 28	42.6	44.7	50.1
June 3	43.7	45.4	47.2
June 10	39.4	41.0	41.9
June 17	34.3	35.8	33.8