

Table 1. Calendar days and GDDs to black layer from grain fill stages R3-R5 for an adapted 111 “day” corn hybrid with a GDD rating of 2760 GDDs from planting to black layer.
Data averaged over eight trial sites.

Calendar days to kernel black layer (R6) from...			
Planting Date	R3	R4	R5
Early May	47	37	20
Late May	48	38	20
Mid-June	51	40	22
GDDs to kernel black layer (R6) from...			
Planting Date	R3	R4	R5
Early May	884	670	327
Late May	811	604	289
Mid-June	681	489	217

R3 = White kernels w/milky fluid; R4 = Dough, no visible denting;
R5 = Late Dent, all kernels visibly dented

Adapted from: Nielsen, R.L. (2011). Predicting Corn Grain Maturity Dates for Delayed Plantings.
Available online at: <https://www.agry.purdue.edu/ext/corn/news/timeless/RStagePrediction.html>