Table 2. In-season yield potential forecasts as of July 20, 2014 in central and eastern Corn Belt

Location	Water regime	Soil type	Plant density (ac^{-1})	Relative maturity (days)	2014 planting date†	Long-term average Yp (bu/ac)¶	2014 forecasted Yp (bu/ac) ‡		
							25%*	Median	75%**
IOWA									
Sutherland	Dryland	Silty clay loam	34k	107	May 7	**232**	257	232	213
Ames	Dryland	Loam	34k	107	May 8	**228**	254	233	224
Crawfordsville	Dryland	Silty clay loam	34k	112	May 8	**230**	274	251	237
Nashua	Dryland	Loam	34k	94	May 15	**245**	266	252	243
Lewis	Dryland	Silty clay loam	34k	103	May 8	**172**	243	217	200
Kanawha	Dryland	Clay loam	34k	94	May 15	**221**	255	238	198
ILLINOIS									
Monmouth	Dryland	Silt loam	34k	112	May 6	**206**	281	260	251
DeKalb	Dryland	Silt loam	34k	111	May 8	**198**	265	251	237
Bondville	Dryland	Silty clay loam	34k	114	May 4	**177**	297	273	256
WISCONSIN									
Arlington	Dryland	Silt loam	34k	105	May 17	**160**	183	158	146
Hancock	Irrigated	Loamy sand	34k	100	May 17	**188**	201	184	161
	Dryland		26k	95		**167**	192	174	153
OHIO									
Custar	Dryland	Silty clay loam	32k	110	May 18	**166**	234	220	163
S. Charleston	Dryland	Silty clay loam	32k	113	May 18	**191**	244	207	185
Wooster	Dryland	Silt loam	32k	110	May 18	**208**	241	231	214

† Date at which 50% of final corn area was planted.¶ Average (25+ years) simulated yield potential (Yp) based on dominant soil series, historical (last 10 yrs.) average planting date, plant density and relative maturity of most widespread hybrid at each location. Soil water balance was initialized around crop harvest in the previous year, assuming 50% available soil water. ‡ Yield forecast based on 2014 planting date. *25% probability of obtaining a yield equal to or higher than the value shown based on long-term weather data to finish the season. ** 75% probability of obtaining a yield equal to or higher than the value shown based on long-term weather data to finish the season.