

Location	Water regime	Long-term (2005-2014) average yield (bu/ac) §	Range of Yp forecasts as of July 27th (bu/ac)¶		Probability (%) of 2016 yield to be:			Simulated current crop stage	
			25th	75th	Below	Near	Above		
					(relative to the long-term Yp)†				
NE	Alliance	Irrigated	163	157	182	11%	56%	33%	R3, Milk
	Beatrice	Dryland	113	91	101	92%	8%	0%	R5, Dent
		Irrigated	190	172	182	15%	85%	0%	R5, Dent
	Clay Center	Dryland	115	79	105	71%	29%	0%	R4, Dough
		Irrigated	192	170	186	9%	82%	0%	R4, Dough
	Concord	Dryland	135	74	145	62%	21%	18%	R4, Dough
		Irrigated	192	171	197	0%	50%	50%	R4, Dough
	Elgin	Irrigated	184	197	223	0%	64%	36%	R3, Milk
		Dryland	93	95	106	0%	61%	39%	R4, Dough
	Holdrege	Dryland	197	184	207	0%	68%	32%	R4, Dough
		Irrigated	72	50	67	68%	32%	0%	R4, Dough
	McCook	Dryland	184	174	186	12%	82%	6%	R4, Dough
		Irrigated	145	166	186	0%	12%	88%	R4, Dough
	Mead	Dryland	189	175	193	18%	79%	3%	R4, Dough
Irrigated		68	80	93	0%	15%	85%	R3, Milk	
North Platte	Dryland	185	166	192	6%	47%	47%	R3, Milk	
	Irrigated	190	205	228	0%	52%	48%	R4, Dough	
IA	Ames	Dryland	164	127	149	71%	29%	0%	R4, Dough
	Crawfordsville	Dryland	167	129	140	96%	4%	0%	R4, Dough
		Irrigated	173	166	190	0%	72%	28%	R4, Dough
	Lewis	Dryland	160	186	207	0%	11%	89%	R4, Dough
	Nashua	Dryland	172	168	189	4%	70%	26%	R4, Dough
	Sutherland	Dryland	175	108	146	85%	15%	0%	R4, Dough
	Bondville	Dryland	169	171	187	0%	71%	29%	R4, Dough
	Freeport	Dryland	168	175	189	0%	58%	42%	R4, Dough
		Irrigated	143	136	145	4%	96%	0%	R4, Dough
		Dryland	174	204	216	0%	9%	91%	R4, Dough
Springfield	Dryland	167	165	170	0%	100%	0%	R5, Dent	
IN	Butler	Dryland	144	144	154	0%	92%	8%	R4, Dough
	Columbia City	Dryland	157	135	159	38%	54%	8%	R4, Dough
	Davis	Dryland	153	144	165	15%	69%	15%	R3, Milk
	West Lafayette	Dryland	166	176	195	0%	54%	46%	R4, Dough
KS	Garden City	Irrigated	191	188	206	0%	87%	13%	R4, Dough
	Hutchinson	Dryland	74	Black layer on August 10. Final yield: 75 bu/ac					Matured
	Manhattan	Dryland	109	Black layer on August 8. Final yield: 108 bu/ac					Matured
	Scandia	Dryland	100	108	115	0%	33%	67%	R5, Dent
		Irrigated	173	193	203	0%	67%	33%	R5, Dent
	Silverlake	Dryland	99	Black layer on August 10. Final yield: 102 bu/ac					Matured
MI	Silverlake	Irrigated	171	184	189	0%	100%	0%	R5, Dent
	Ceresco	Dryland	143	119	154	53%	27%	20%	R1, Silking
MN	Eldred	Dryland	126	140	169	0%	15%	85%	R3, Milk
	Lamberton	Dryland	168	183	210	0%	32%	68%	R4, Dough
	Waseca	Dryland	174	187	207	0%	42%	58%	R4, Dough
MO	Brunswick	Dryland	131	130	134	0%	100%	0%	R5, Dent
	Monroe City	Dryland	128	122	128	0%	100%	0%	R5, Dent
	St Joseph	Dryland	133	163	169	0%	0%	100%	R5, Dent
ND	Dazey	Dryland	125	147	169	0%	10%	90%	R3, Milk
	Custar	Dryland	154	136	156	29%	65%	6%	R4, Dough
OH	South Charleston	Dryland	157	142	163	26%	68%	6%	R4, Dough
	Wooster	Dryland	149	131	157	42%	42%	16%	R3, Milk

Table 1. Simulations of 2016 end-of-season corn yield potential and real-time crop stage were performed on August 10 for 41 locations using the UNL Hybrid Maize model in collaboration with input from faculty and extension educators from 10 universities.

§ Long-term (2005-2014) average yield at each location and surrounding area.

¶ Range of forecasted 2016 yields based on average planting date in 2016, indicating the yields in the 25<sup>th</sup> and 75<sup>th</sup> percentile of the yield distribution (associated with respective adverse and favorable weather scenarios during the rest of the season).

† Probability of obtaining a 2016 yield below (<-10%), near (±10%), and above (>10%) than the long-term average yield at each location.