

Table 1. Data from simulations of 2017 end-of-season corn yield potential and real-time crop stage performed on Sept. 30. Full story at <http://cropwatch.unl.edu/2017/2017-corn-yield-forecasts-august-30>

Location	Water regime	Long-term average yield (bu/ac) §	Range of Yp forecasts as of Aug 9th (bu/ac)¶		Probability (%) of 2017 yield to be:			Simulated current crop stage*	
			25th	75th	Below	Near	Above		
					(relative to the long-term Yp)†				
NE	Alliance	Irrigated	190	171	214	25%	43%	32%	R4, Dough
	Beatrice	Dryland	153	179	183	0%	0%	100%	R5, Dent
		Irrigated	230	250	257	0%	33%	67%	R5, Dent
	Clay Center	Dryland	176	192	202	0%	34%	66%	R5, Dent
		Irrigated	244	263	277	0%	37%	63%	R5, Dent
	Concord	Dryland	171	145	164	49%	51%	0%	R5, Dent
		Irrigated	247	276	301	0%	23%	77%	R5, Dent
	Elgin	Irrigated	250	269	300	0%	38%	62%	R4, Dough
	Holdrege	Dryland	127	148	156	0%	0%	100%	R5, Dent
		Irrigated	240	260	280	0%	31%	69%	R5, Dent
	McCook	Dryland	103	Black layer on August 28. Final yield: 96 bu/ac					Matured
		Irrigated	224	223	230	0%	100%	0%	R5, Dent
	Mead	Dryland	177	237	259	0%	0%	100%	R5, Dent
		Irrigated	234	257	280	0%	26%	74%	R5, Dent
North Platte	Dryland	104	129	134	0%	0%	100%	R5, Dent	
	Irrigated	232	245	272	0%	46%	54%	R5, Dent	
Oneil	Irrigated	224	248	279	0%	22%	78%	R5, Dent	
KS	Garden City	Irrigated	218	234	244	0%	48%	52%	R5, Dent
	Hutchinson	Dryland	113	Black layer on August 15. Final yield: 114 bu/ac					Matured
	Manhattan	Dryland	143	Black layer on August 22. Final yield: 171 bu/ac					Matured
	Scandia	Dryland	144	182	182	0%	0%	100%	R6, Blacklayer
		Irrigated	219	284	293	0%	0%	100%	R5, Dent
	Silverlake	Dryland	148	Black layer on August 26. Final yield: 190 bu/ac					Matured
	Silverlake	Irrigated	207	271	271	0%	0%	100%	Matured
MN	Eldred	Dryland	141	42	75	100%	0%	0%	R4, Dough
	Lamberton	Dryland	204	246	261	0%	0%	100%	R4, Dough
	Waseca	Dryland	216	247	264	0%	11%	89%	R4, Dough
ND	Dazey	Dryland	136	114	148	50%	32%	18%	R4, Dough

§Long-term (last 20+ years) potential yield at each location and surrounding area.

¶ Range of forecasted 2017 potential yields based on average planting date in 2017, indicating yields in the 25th and 75th percentile of yield distribution (associated with respective adverse and favorable weather scenarios during the rest of the season).

† Probability of obtaining a 2017 yield below (<-10%), near (±10%), and above (>10%) than the long-term potential yield at each location.