

Table 1. Data from simulations of 2017 end-of-season corn yield potential and real-time crop stage performed on Sept. 20. Full story at <http://cropwatch.unl.edu/2017/2017-corn-yield-forecasts-september-20>

Location	Water regime	Long-term average yield (bu/ac) §	Range of Yp forecasts as of Sep 20th (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	190	221	11%	50%	39%	R5, Dent
	Beatrice	Dryland	153	Black layer on September 4. Final yield: 185 bu/ac				Matured	
		Irrigated	230	Black layer on September 5. Final yield: 258 bu/ac				Matured	
	Clay Center	Dryland	176	Black layer on September 14. Final yield: 201 bu/ac				Matured	
		Irrigated	244	Black layer on September 14. Final yield: 272 bu/ac				Matured	
	Concord	Dryland	171	156	163	14%	86%	0%	R5, Dent
		Irrigated	247	284	302	0%	11%	89%	R5, Dent
	Elgin	Irrigated	250	285	298	0%	17%	83%	R5, Dent
	Holdrege	Dryland	127	Black layer on September 7. Final yield: 156 bu/ac				Matured	
		Irrigated	240	Black layer on September 15. Final yield: 279 bu/ac				Matured	
	McCook	Dryland	103	Black layer on August 28. Final yield: 96 bu/ac				Matured	
		Irrigated	224	Black layer on September 2. Final yield: 226 bu/ac				Matured	
	Mead	Dryland	177	249	252	0%	0%	100%	Blacklayer
		Irrigated	234	271	274	0%	0%	100%	Blacklayer
North Platte	Dryland	104	Black layer on September 10. Final yield: 131 bu/ac				Matured		
	Irrigated	232	Black layer on September 15. Final yield: 252 bu/ac				Matured		
Oneil	Irrigated	224	261	263	0%	0%	100%	Blacklayer	
KS	Garden City	Irrigated	218	Black layer on September 8. Final yield: 245 bu/ac				Matured	
	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	Black layer on August 1. Final yield: 184 bu/ac				Matured	
		Irrigated	219	Black layer on September 9. Final yield: 296 bu/ac				Matured	
	Silverlake	Dryland	148	Black layer on August 26. Final yield: 190 bu/ac				Matured	
	Silverlake	Irrigated	207	Black layer on August 30. Final yield: 269 bu/ac				Matured	
MN	Eldred	Dryland	141	36	38	100%	0%	0%	R5, Dent
	Lamberton	Dryland	204	256	267	0%	0%	100%	R5, Dent
	Waseca	Dryland	216	255	270	0%	3%	97%	R5, Dent
ND	Dazey	Dryland	136	109	126	68%	32%	0%	R5, Dent

§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 the potential yields in the 25th and 75th percentile of the potential 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.