

2021 Corn Yield Forecast Data as of September 14, 2021

Table 1. Data from simulations of 2021 end-of-season corn yield potential and real-time crop stage performed on Sept. 14, 2021.

Location	Water regime	Long-term average yield (bu/ac) §	Range of Yp forecasts as of Sep 14 (bu/ac)¶		Probability (%) of 2021 yield to be:			Simulated current crop stage*	
			25th	75th	Below	Near	Above		
						(relative to the long-term Yp)†			
NE	Alliance	Irrigated	193	Black layer on September 1. Final yield: 196 bu/ac					Matured
	Beatrice	Dryland	162	Black layer on August 24. Final yield: 125 bu/ac					Matured
		Irrigated	230	Black layer on August 27. Final yield: 205 bu/ac					Matured
	Clay Center	Dryland	160	Black layer on September 3. Final yield: 68 bu/ac					Matured
		Irrigated	245	Black layer on September 8. Final yield: 234 bu/ac					Matured
	Concord	Dryland	177	Black layer on September 4. Final yield: 85 bu/ac					Matured
		Irrigated	249	239	244	0%	100%	0%	R5, Dent
	Elgin	Irrigated	252	Black layer on September 11. Final yield: 241 bu/ac					Matured
	Holdrege	Dryland	115	Black layer on September 1. Final yield: 67 bu/ac					Matured
		Irrigated	242	247	253	0%	97%	3%	R5, Dent
	McCook	Dryland	88	Black layer on August 23. Final yield: 59 bu/ac					Matured
		Irrigated	225	Black layer on August 28. Final yield: 201 bu/ac					Matured
	Mead	Dryland	183	Black layer on September 4. Final yield: 166 bu/ac					Matured
		Irrigated	235	Black layer on August 31. Final yield: 218 bu/ac					Matured
North Platte	Dryland	91	Black layer on September 2. Final yield: 61 bu/ac					Matured	
	Irrigated	234	Black layer on September 9. Final yield: 234 bu/ac					Matured	
O'Neill	Irrigated	227	Black layer on September 4. Final yield: 202 bu/ac					Matured	
IA	Ames	Dryland	231	Black layer on August 24. Final yield: 163 bu/ac					Matured
	Crawfordsville	Dryland	230	Black layer on September 3. Final yield: 205 bu/ac					Matured
	Lewis	Dryland	209	Black layer on September 6. Final yield: 190 bu/ac					Matured
	Nashua	Dryland	229	Black layer on September 9. Final yield: 193 bu/ac					Matured
	Sutherland	Dryland	211	Black layer on September 10. Final yield: 170 bu/ac					Matured
IL	Bondville	Dryland	235	Black layer on September 10. Final yield: 233 bu/ac					Matured
	Freeport	Dryland	213	Black layer on September 4. Final yield: 191 bu/ac					Matured
	Olney	Dryland	189	Black layer on August 28. Final yield: 210 bu/ac					Matured
	Peoria	Dryland	210	Black layer on September 5. Final yield: 223 bu/ac					Matured
	Springfield	Dryland	178	Black layer on August 28. Final yield: 213 bu/ac					Matured
IN	Butler	Dryland	225	Black layer on September 9. Final yield: 204 bu/ac					Matured
	Columbia City	Dryland	224	Black layer on September 11. Final yield: 217 bu/ac					Matured
	Davis	Dryland	231	214	219	0%	100%	0%	R5, Dent
	West Lafayette	Dryland	238	Black layer on September 10. Final yield: 223 bu/ac					Matured
KS	Garden City	Irrigated	219	Black layer on August 25. Final yield: 188 bu/ac					Matured
	Hutchinson	Dryland	100	Black layer on August 12. Final yield: 110 bu/ac					Matured
	Manhattan	Dryland	135	Black layer on August 20. Final yield: 161 bu/ac					Matured
		Dryland	132	Black layer on August 30. Final yield: 71 bu/ac					Matured
	Scandia	Irrigated	225	Black layer on September 9. Final yield: 233 bu/ac					Matured
		Dryland	140	Black layer on August 23. Final yield: 158 bu/ac					Matured
Silverlake	Irrigated	210	Black layer on August 26. Final yield: 199 bu/ac					Matured	
MI	Ceresco	Dryland	177	222	234	0%	0%	100%	R5, Dent
MN	Eldred	Dryland	115	Black layer on August 20. Final yield: 8 bu/ac					Matured
	Lamberton	Dryland	215	Black layer on August 29. Final yield: 150 bu/ac					Matured
	Waseca	Dryland	219	Black layer on September 10. Final yield: 196 bu/ac					Matured
MO	Brunswick	Dryland	181	Black layer on August 30. Final yield: 186 bu/ac					Matured
	Monroe City	Dryland	172	Black layer on September 1. Final yield: 204 bu/ac					Matured
	St Joseph	Dryland	165	Black layer on August 29. Final yield: 202 bu/ac					Matured
ND	Dazey	Dryland	113	Black layer on August 25. Final yield: 0 bu/ac					Matured
OH	Custar	Dryland	208	Black layer on September 10. Final yield: 200 bu/ac					Matured
	South Charleston	Dryland	216	Black layer on September 10. Final yield: 210 bu/ac					Matured
	Wooster	Dryland	210	194	198	0%	100%	0%	R5, Dent

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

¶ Range of forecasted 2021 potential yields based on average planting date in 2021, 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 2021 yield below (<-10%), near (±10%), and above (>10%) than the long-term potential yield at each location.