
2012 Forecasted Corn Yield Potential based on July 15 simulations using UNL Hybrid-Maize model

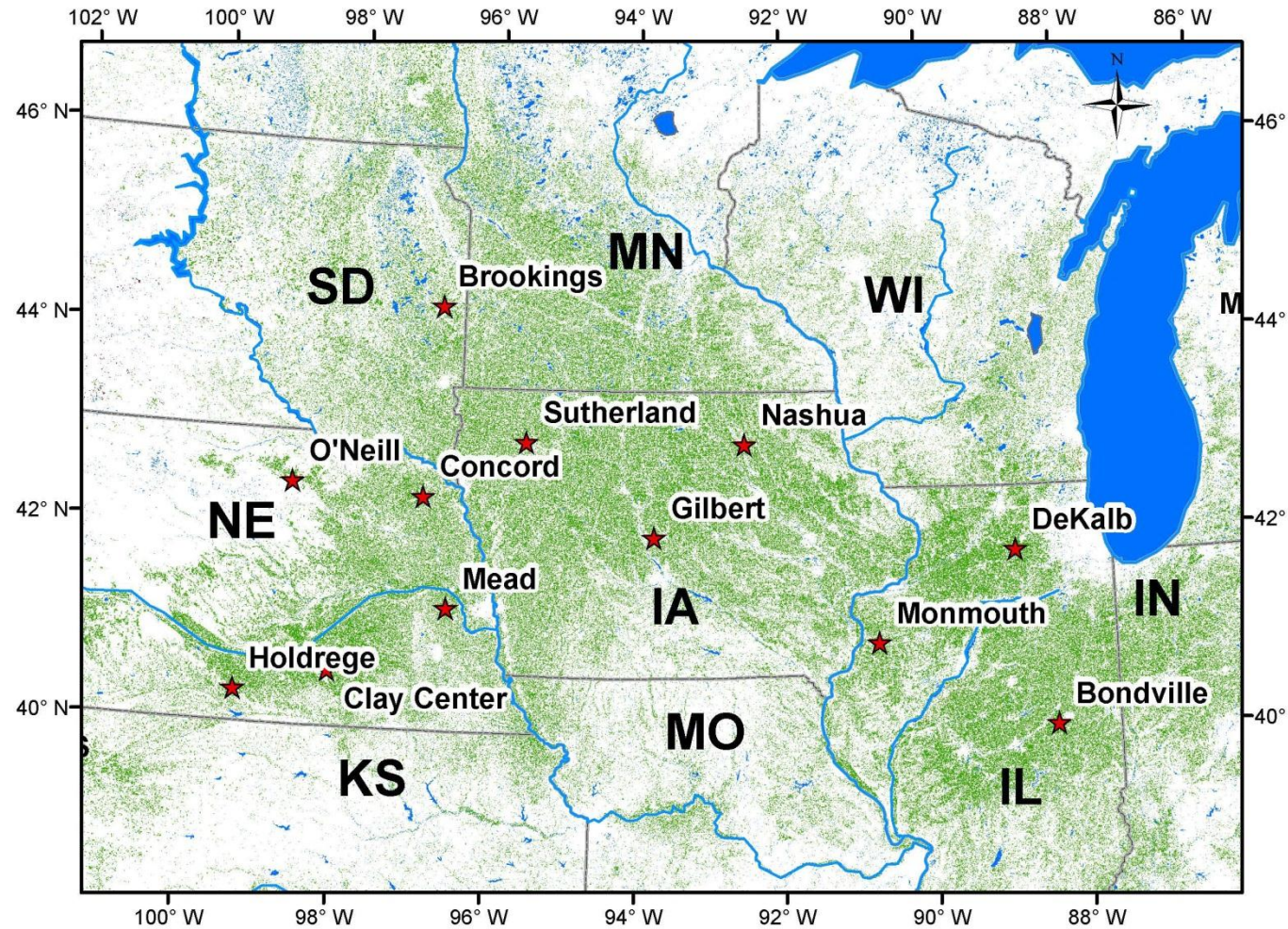
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Simulated locations across the U.S. Corn Belt

Corn planted area is shown in green



Stars indicate the sites for which in-season yield forecasting were performed using the Hybrid-Maize model with actual weather and dominant management practices and soil series at each site.

Weather data were retrieved from High Plain Regional Climate Center (HPRCC) and the Water and Atmospheric Resources Monitoring Program (WARM) through the Illinois Climate Network (Illinois State Water Survey [ICWS], Prairie Research Institute, University of Illinois at Urbana-Champaign).

2012 In-season Yield Potential Forecasts using UNL Hybrid-Maize Model

Location, state	Water regime	Soil type [†] & initial water	PP [†] (ac ⁻¹)	RM [†] (days)	Planting date [†]	Long-term Yp (bu/ac) [‡]	2012 forecasted Yp (bu/ac)		
							75 th	Median	25 th
Holdrege, NE	Irrigated	Silt loam	32.4k	113	April 27	248	268	245	235
Clay Center, NE	Irrigated	Silt clay loam	32.4k	113	April 23	250	261	241	231
	Rainfed	100% ASW	24.0k		April 23	146	144	121	101
Mead, NE	Irrigated	Silt clay loam	32.4k	113	April 30	240	255	237	229
	Rainfed	100% ASW	28.0k			160	142	118	91
Concord, NE	Irrigated	Silt loam	32.4k	104	May 3	235	246	233	224
	Rainfed	100% ASW	29.0k			154	152	130	109
O'Neill, NE	Irrigated	Sandy loam 100% ASW	32.4k	106	May 3	225	251	228	218
Brookings, SD	Rainfed	Silt clay loam 100% ASW	30.0k	98	May 4	120	145	126	100
Sutherland, IA	Rainfed	Silt clay loam 100% ASW	31.4k	99	May 1	168	182	154	121
Gilbert, IA	Rainfed	Loam 100% ASW	32.4k	110	April 26	200	193	166	149
Nashua, IA	Rainfed	Loam 100% ASW	32.4k	99	May 1	198	188	169	151
Monmouth, IL	Rainfed	Silt loam 100% ASW	32.4k	112	April 27	212	264	234	228
DeKalb, IL	Rainfed	Silt clay loam 100% ASW	32.4k	111	May 1	201	231	196	162
Bondville, IL	Rainfed	Silt clay loam 100% ASW	32.4k	114	April 20	197	199	157	136

[†] Simulations based on dominant soil series, average planting date, and plant population (PP) and relative maturity (RM) of most widespread hybrid at each location (Grassini *et al.*, 2009). [‡] Average (20+ years) simulated yield potential (Yp)