

### Table 3. In-season yield potential forecasts as of July 29, 2015 for Nebraska

Location	Water regime	Long-term average Yp (bu/ac) <sup>§</sup>	Range of Yp forecasts as of July 29 (bu/ac) <sup>¶</sup>		Probability (%) of 2015 yield to be:			Simulated current crop stage*
			25 <sup>th</sup>	75 <sup>th</sup>	Below	Near	Above	
					(relative to the long-term Yp) <sup>†</sup>			
Alliance, NE	Irrigated	173	156	193	27%	42%	31%	V13
North Platte, NE	Irrigated	215	213	248	13%	39%	48%	R1, Silking
	Dryland	103	111	137	6%	27%	67%	R1, Silking
McCook, NE	Irrigated	221	200	245	19%	52%	29%	R1, Silking
	Dryland	102	102	127	12%	39%	49%	R2, Blister
Holdrege, NE	Irrigated	232	231	263	15%	44%	41%	R1, Silking
	Dryland	119	119	149	11%	33%	56%	R2, Blister
Clay Center, NE	Irrigated	235	223	267	6%	52%	42%	R1, Silking
	Dryland	162	142	197	27%	21%	52%	R1, Silking
Beatrice, NE	Irrigated	229	215	253	16%	48%	36%	R1, Silking
	Dryland	148	126	180	28%	20%	52%	R1, Silking
Mead, NE	Irrigated	231	213	251	13%	64%	23%	R1, Silking
	Dryland	172	176	235	9%	24%	67%	R1, Silking
Concord, NE	Irrigated	229	226	261	13%	45%	42%	R1, Silking
	Dryland	167	191	237	3%	12%	85%	R1, Silking
Elgin, NE	Irrigated	239	226	274	15%	52%	33%	R1, Silking
O'Neill, NE	Irrigated	210	213	253	10%	43%	47%	R1, Silking

<sup>§</sup> Average (25+ years) simulated yield potential (Yp) based on dominant soil series, average planting date, plant density and relative maturity of most widespread hybrid at each location. (See Table 1 for management data used for simulations.)

<sup>¶</sup> Range of forecasted 2015 yields based on average planting date in 2015, 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).

<sup>†</sup> Probability of obtaining a 2015 yield below (<-10%), near (±10%), and above (>10%) the long-term average Yp at each location.

\* Based on dominant hybrid maturity and 2015 average planting date for each location and water regime. *Related story: July 31, 2015 CropWatch.unl.edu*

**Table 4. In-season yield potential forecasts as of July 29, 2015 in MN, IA, IL, IN and OH**

Location	Water regime	Long-term average Yp (bu/ac) <sup>§</sup>	Range of Yp forecasts as of July 29 (bu/ac) <sup>¶</sup>		Probability (%) of 2015 yield to be:			Simulated current crop stage*
			25 <sup>th</sup>	75 <sup>th</sup>	Below	Near	Above	
					(relative to the long-term Yp) <sup>†</sup>			
Lamberton, MN	Dryland	181	186	237	11%	22%	67%	V17
Waseca, MN	Dryland	140	196	245	0%	6%	94%	R1, Silking
Lewis, IA	Dryland	189	216	273	6%	12%	82%	R1, Silking
Sutherland, IA	Dryland	211	214	239	8%	58%	34%	R1, Silking
Kanawha, IA	Dryland	188	181	231	18%	29%	53%	R1, Silking
Ames, IA	Dryland	232	219	257	14%	57%	29%	R2, Blister
Nashua, IA	Dryland	218	219	241	4%	58%	38%	R1, Silking
Crawfordsville, IA	Dryland	229	215	240	12%	68%	20%	R2, Blister
Bondville, IL	Dryland	181	163	225	26%	30%	44%	R2, Blister
Freeport, IL	Dryland	194	192	229	12%	48%	40%	R2, Blister
Olney, IL	Dryland	183	180	200	4%	72%	24%	R4, Dough
Peoria, IL*	Dryland	159	179	236	0%	23%	77%	R2, Blister
Springfield, IL	Dryland	154	188	209	0%	13%	87%	R3, Milk
Butler, IN	Dryland	218	215	231	8%	75%	17%	R2, Blister
Columbia City, IN	Dryland	221	229	250	0%	50%	50%	R1, Silking
Davis, IN	Dryland	227	237	252	0%	75%	25%	R1, Silking
West Lafayette, IN	Dryland	237	239	264	0%	58%	42%	R1, Silking
Custar, OH	Dryland	164	210	246	3%	10%	87%	R1, Silking
S. Charleston, OH	Dryland	188	222	250	0%	10%	90%	R1, Silking
Wooster, OH	Dryland	199	221	248	0%	20%	80%	R1, Silking

<sup>§</sup> Average (25+ years) simulated yield potential (Yp) based on dominant soil series, average planting date, plant density and relative maturity of most widespread hybrid at each location (see table on management data used for simulations).

<sup>¶</sup> Range of forecasted 2015 yields based on average planting date in 2015, 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).

<sup>†</sup> Probability of obtaining a 2015 yield below (<-10%), near (±10%), and above (>10%) the long-term average Yp at each location.

\* Based on dominant hybrid maturity and 2015 average planting date for each location and water regime. \*, under review

**Table 5. In-season yield potential forecasts as of JULY 29, 2015 in KS, MO, SD, and WI**

Location	Water regime	Long-term average Yp (bu/ac) <sup>§</sup>	Range of Yp forecasts as of July 29 (bu/ac) <sup>¶</sup>		Probability (%) of 2015 yield to be:			Simulated current crop stage*
			25 <sup>th</sup>	75 <sup>th</sup>	Below (relative to the long-term Yp) <sup>†</sup>	Near	Above	
Manhattan KS	Dryland	146	145	165	3%	64%	33%	R4, Dough
Scandia, KS	Irrigated	218	211	242	3%	69%	28%	R2, Blister
	Dryland	146	154	175	0%	38%	62%	R2, Blister
Silverlake, KS	Irrigated	204	176	205	41%	59%	0%	R4, Dough
	Dryland	151	137	156	24%	69%	7%	R4, Dough
Hutchinson, KS	Dryland	111	99	113	32%	68%	0%	R4, Dough
Garden City, KS	Irrigated	191	188	210	3%	73%	24%	R2, Blister
St Joseph, MO	Dryland	165	191	202	0%	20%	80%	R2, Blister
Brunswick, MO	Dryland	172	164	180	13%	74%	13%	R4, Dough
Monroe City, MO	Dryland	181	182	201	0%	71%	29%	R3, Milk
Clarkton, MO	Irrigated	210	196	211	14%	86%	0%	R4, Dough
	Dryland	146	136	175	21%	29%	50%	R4, Dough
Beresford, SD	Irrigated	213	212	245	0%	63%	37%	R1, Silking
	Dryland	122	122	198	15%	18%	67%	R1, Silking
Brookings, SD	Dryland	116	66	132	58%	11%	31%	V14
Pierre, SD	Dryland	81	104	132	0%	0%	100%	R2, Blister
Redfield, SD	Dryland	118	111	167	19%	23%	58%	R1, Silking
Arlington, WI	Dryland	142	111	146	52%	32%	16%	V12
Hancock, WI	Irrigated	170	142	173	40%	40%	20%	V13
	Dryland	161	146	181	20%	48%	32%	V13

<sup>§</sup> Average (25+ years) simulated yield potential (Yp) based on dominant soil series, average planting date, plant density, and relative maturity of most widespread hybrid at each location. (See Tables 1-2 for management data used for simulations.)

<sup>¶</sup> Range of forecasted 2015 yields based on average planting date in 2015, 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).

<sup>†</sup> Probability of obtaining a 2015 yield below (<-10%), near (±10%), and above (>10%) the long-term average Yp at each location

\* Based on dominant hybrid maturity and 2015 average planting date for each location and water regime. *Related story: July 31, 2015 CropWatch.unl.edu*