Table 3. In-season yield potential forecasts as of August 12, 2015 in Nebraska

Location	Water regime	Long-term average Yp (bu/ac) §	Range of Yp forecasts as of August 12 (bu/ac)¶ 25th	75th	Probability (%) of 2015 yield to be: Below (relative to the long-term Yp)†	Near	Above	Simulated current crop stage*
Alliance, NE	Irrigated	173	153	198	27%	35%	38%	R1, Silking
North Platte, NE	Irrigated	215	211	251	15%	35%	50%	R2, Blister
	Dryland	103	116	135	3%	21%	76%	R3, Milk
McCook, NE	Irrigated	221	215	251	23%	35%	42%	R3, Milk
	Dryland	102	111	126	<1%	30%	70%	R3, Milk
Holdrege, NE	Irrigated	232	244	269	8%	42%	50%	R2, Blister
	Dryland	119	134	160	<1%	22%	78%	R3, Milk
Clay Center, NE	Irrigated	235	240	266	12%	38%	50%	R3, Milk
	Dryland	162	149	207	24%	24%	52%	R3, Milk
Beatrice, NE	Irrigated	229	223	259	12%	56%	32%	R2, Blister
	Dryland	148	121	183	32%	28%	40%	R3, Milk
Mead, NE	Irrigated	231	221	256	15%	50%	35%	R3, Milk
	Dryland	172	196	240	<1%	12%	88%	R3, Milk
Concord, NE	Irrigated	229	223	262	19%	46%	35%	R2, Blister
	Dryland	167	188	229	<1%	18%	82%	R2, Blister
Elgin, NE	Irrigated	239	229	277	16%	42%	42%	R2, Blister
O'Neill, NE	Irrigated	210	223	257	4%	19%	77%	R3, Milk

§ 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).
¶ Range of forecasted 2015 yields based on average planting date in 2015, indicating the yields in the 25th and 75th percentile of the yield distribution (associated with respective adverse and favorable weather scenarios during the rest of the season).
† Probability of obtaining a 2015 yield below (<-10%), near (±10%), and above (>10%) than 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: Aug. 14, 2015 CropWatch.unl.edu*

Table 4. In-season yield potential forecasts as of August 12, 2015 in MN, IA, IL, IN and OH

Location	Water regime	Long-term average Yp (bu/ac) §	Range of Yp forecasts as of August 12 (bu/ac)¶ 25th	75th	Probability (%) of 2015 yield to be: Below	Near	Above (relative to the long-term Yp)†	Simulated current crop stage*
Lamberton, MN	Dryland	181	163	238	28%	11%	61%	R2, Blister
Waseca, MN	Dryland	140	217	244	<1%	<1%	>99%	R3, Milk
Lewis, IA	Dryland	189	235	281	<1%	12%	88%	R3, Milk
Sutherland, IA	Dryland	211	205	233	12%	62%	26%	R2, Blister
Kanawha, IA	Dryland	188	170	235	24%	24%	52%	R3, Milk
Ames, IA	Dryland	232	229	271	4%	57%	39%	R3, Milk
Nashua, IA	Dryland	218	220	248	4%	46%	50%	R3, Milk
Crawfordsville, IA	Dryland	229	219	248	<1%	80%	20%	R4, Dough
Bondville, IL	Dryland	181	185	235	22%	13%	65%	R4, Dough
Freeport, IL	Dryland	194	170	216	40%	32%	28%	R3, Milk
Olney, IL	Dryland	183	186	199	<1%	84%	16%	R5, Dent
Peoria, IL	Dryland	159	210	238	<1%	<1%	>99%	R4, Dough
Springfield, IL	Dryland	154	188	209	<1%	<1%	>99%	R4, Dough
Butlerville, IN	Dryland	218	219	233	<1%	92%	8%	R3, Milk
Columbia City, IN	Dryland	221	239	253	<1%	33%	67%	R3, Milk
Davis, IN	Dryland	227	237	256	<1%	67%	33%	R3, Milk
West Lafayette, IN	Dryland	237	247	279	<1%	58%	42%	R3, Milk
Custar, OH	Dryland	164	223	251	<1%	3%	97%	R3, Milk
S. Charleston, OH	Dryland	188	231	258	<1%	10%	90%	R3, Milk
Wooster, OH	Dryland	199	226	252	<1%	13%	87%	R3, Milk

§ 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).

¶ Range of forecasted 2015 yields based on average planting date in 2015, indicating the yields in the 25th and 75th percentile of the yield distribution (associated with respective adverse and favorable weather scenarios during the rest of the season).

† Probability of obtaining a 2015 yield below (<-10%), near (±10%), and above (>10%) than 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: Aug. 14, 2015 CropWatch.unl.edu*

Table 5. In-season yield potential forecasts as of August 12, 2015 in KS, MO, SD, and WI

Location	Water regime	Long-term average Yp (bu/ac) §	Range of Yp forecasts as of August 12th (bu/ac)¶ 25th	75th	Probability (%) of 2015 yield to be: Below	Near	Above (relative to the long-term Yp)†	Simulated current crop stage*
Manhattan KS	Dryland	146	153	162	<1%	73%	27%	R5, Dent
Scandia, KS	Irrigated	218	223	242	4%	58%	38%	R4, Dough
	Dryland	146	164	178	<1%	24%	76%	R4, Dough
Silverlake, KS	Irrigated	204	184	199	27%	73%	<1%	R5, Dent
	Dryland	151	146	154	<1%	>99%	<1%	R5, Dent
Hutchinson, KS	Dryland	111	Matured on August 12th. Final yield: 108					
Garden City, KS	Irrigated	191	191	208	<1%	73%	27%	R4, Dough
St Joseph, MO	Dryland	165	201	214	<1%	13%	87%	R4, Dough
Brunswick, MO	Dryland	172	170	178	<1%	>99%	<1%	R5, Dent
Monroe City, MO	Dryland	181	191	201	<1%	71%	29%	R4, Dough
Clarkton, MO	Irrigated	210	199	206	<1%	>99%	<1%	R5, Dent
	Dryland	146	156	162	<1%	71%	29%	R5, Dent
Beresford, SD	Irrigated	213	215	251	<1%	42%	58%	R3, Milk
	Dryland	122	119	179	15%	30%	55%	R3, Milk
Brookings, SD	Dryland	116	97	167	34%	8%	58%	R2, Blister
Pierre, SD	Dryland	81	99	115	<1%	<1%	>99%	R4, Dough
Redfield, SD	Dryland	118	123	184	4%	27%	69%	R3, Milk
Arlington, WI	Dryland	142	118	143	56%	24%	20%	R1, Silking
Hancock, WI	Irrigated	170	151	178	28%	48%	24%	R1, Silking
	Dryland	161	161	194	16%	52%	32%	R2, Blister

§ 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).

¶ Range of forecasted 2015 yields based on average planting date in 2015, indicating the yields in the 25th and 75th percentile of the yield distribution (associated with respective adverse and favorable weather scenarios during the rest of the season).

† Probability of obtaining a 2015 yield below (<-10%), near (±10%), and above (>10%) than 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: Aug. 14, 2015 CropWatch.unl.edu*