

2020 White County, IL Crop Tour

Overall White County Survey Results

August 26, 2020

	2020	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010
USDA Yield Estimate	?	158.3	171.3	179.5	134.3	171.3	195.3	178.0	67.6	135.6	152.4
Crop Tour Estimate	171.1	155.4	160.3	159.6	155.4	150.7	161.8	156.3	58.3	141.4	153.9

2020 Average Yield by Township

TOWNSHIP	bu/ac
Burnt Prairie	175.8
Carmi	163.9
Emma	159.1
Enfield	165.1
Gray	154.3
Hawthorne	195.8
Heralds Prairie	197.5
Indian Creek	168.7
Mill Shoals	180.4
Phillips	151.5

2020 Yield Component Averages

TOWNSHIP	GRAIN LENGTH	KERNEL ROWS	# EARS / ACRE	% EARS / STALK
Burnt Prairie	7.7	15.8	27,791	99%
Carmi	7.6	15.4	27,181	99%
Emma	7.3	16.0	26,949	96%
Enfield	7.3	16.0	27,588	99%
Gray	6.6	16.3	28,024	96%
Hawthorne	8.0	16.6	28,354	98%
Heralds Prairie	7.9	16.4	29,505	100%
Indian Creek	7.1	15.8	29,069	97%
Mill Shoals	7.9	16.4	26,993	96%
Phillips	6.3	15.9	29,214	99%

AVERAGE FOR ALL SAMPLES 7.4 16.1 28,067 98%



2020 White County, IL Crop Tour

Individual sample results by township

August 26, 2020

BURNT PRAIRIE

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	89	89	7.33	14.60	30	142.9	25,846	25,846	100%
2	91	90	8.50	15.30	30	175.6	26,426	26,136	99%
3	102	102	7.83	16.00	30	191.7	29,621	29,621	100%
4	98	96	7.00	16.60	30	167.3	28,459	27,878	98%
5	99	99	8.00	16.00	30	190.1	28,750	28,750	100%
6	97	97	8.00	14.60	30	169.9	28,169	28,169	100%
7	102	100	7.50	16.00	30	180.0	29,621	29,040	98%
8	102	99	7.30	15.30	30	165.9	29,621	28,750	97%
9	102	102	7.83	17.30	30	207.3	29,621	29,621	100%
10	83	83	8.00	16.00	30	159.4	24,103	24,103	100%
TOWNSHIP AVERAGE			7.7	15.8	30.0	175.0	28,024	27,791	99%

CARMI

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	99	99	7.50	15.33	30	170.7	28,750	28,750	100%
2	93	93	6.80	16.00	30	151.8	27,007	27,007	100%
3	97	94	7.75	15.33	30	167.5	28,169	27,298	97%
4	105	100	7.50	16.00	30	180.0	30,492	29,040	95%
5	95	95	8.00	16.00	30	182.4	27,588	27,588	100%
6	102	102	8.00	14.66	30	179.4	29,621	29,621	100%
7	85	83	8.33	15.33	30	159.0	24,684	24,103	98%
8	98	97	7.50	14.00	30	152.8	28,459	28,169	99%
9	77	77	7.60	16.00	30	140.4	22,361	22,361	100%
10	97	96	7.00	15.33	30	154.5	28,169	27,878	99%
TOWNSHIP AVERAGE			7.6	15.4	30.0	163.9	27,530	27,181	99%

EMMA

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	99	99	7.00	16.67	30	173.3	28,750	28,750	100%
2	87	87	8.12	16.33	30	173.0	25,265	25,265	100%
3	95	94	7.12	16.33	30	163.9	27,588	27,298	99%
4	107	104	7.50	15.00	30	175.5	31,073	30,202	97%
5	98	94	6.75	15.00	30	142.8	28,459	27,298	96%
6	94	88	7.30	15.33	30	147.7	27,298	25,555	94%
7	56	55	9.10	16.00	30	120.1	16,262	15,972	98%
8	94	93	7.20	17.00	30	170.7	27,298	27,007	99%
9	116	112	5.60	17.00	30	159.9	33,686	32,525	97%
10	122	102	6.85	15.60	30	163.5	35,429	29,621	84%
TOWNSHIP AVERAGE			7.3	16.0	30.0	159.1	28,111	26,949	96%

ENFIELD

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	99	99	6.90	18.00	30	184.4	28,750	28,750	100%
2	110	109	6.70	16.00	30	175.3	31,944	31,654	99%
3	98	94	8.00	16.60	30	187.2	28,459	27,298	96%
4	92	91	7.25	16.60	30	164.3	26,717	26,426	99%
5	95	95	7.25	16.60	30	171.5	27,588	27,588	100%
6	85	85	7.90	14.60	30	147.1	24,684	24,684	100%
7	91	89	7.50	18.00	30	180.2	26,426	25,846	98%
8	96	96	6.80	15.30	30	149.8	27,878	27,878	100%
9	83	81	6.90	12.60	30	105.6	24,103	23,522	98%
10	112	111	7.30	15.30	30	186.0	32,525	32,234	99%
TOWNSHIP AVERAGE			7.3	16.0	30.0	165.1	27,907	27,588	99%

GRAY

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	91	91	6.00	16.60	30	136.0	26,426	26,426	100%
2	105	102	5.60	14.00	30	120.0	30,492	29,621	97%
3	100	97	6.50	18.00	30	170.2	29,040	28,169	97%
4	103	92	7.60	16.00	30	167.8	29,911	26,717	89%
5	101	94	6.60	15.30	30	142.4	29,330	27,298	93%
6	105	98	6.70	18.00	30	177.3	30,492	28,459	93%
7	112	110	6.00	15.30	30	151.5	32,525	31,944	98%
8	104	100	7.30	16.60	30	181.8	30,202	29,040	96%
9	88	88	7.60	16.00	30	160.5	25,555	25,555	100%
10	97	93	5.60	17.30	30	135.1	28,169	27,007	96%
TOWNSHIP AVERAGE			6.6	16.3	30.0	154.3	29,214	28,024	96%

HAWTHORNE

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	102	102	7.90	16.00	30	193.4	29,621	29,621	100%
2	106	106	7.75	17.00	30	209.5	30,782	30,782	100%
3	96	96	7.90	18.00	30	204.8	27,878	27,878	100%
4	100	98	8.00	16.00	30	188.2	29,040	28,459	98%
5	88	88	8.25	15.50	30	168.8	25,555	25,555	100%
6	94	94	8.33	16.00	30	187.9	27,298	27,298	100%
7	104	102	6.80	14.00	30	145.7	30,202	29,621	98%
8	82	79	8.00	17.00	30	161.2	23,813	22,942	96%
9	97	95	8.25	17.50	30	205.7	28,169	27,588	98%
10	123	108	9.00	18.50	30	269.7	35,719	31,363	88%
11	110	106	8.12	17.00	30	219.5	31,944	30,782	96%
TOWNSHIP AVERAGE			8.0	16.6	30.0	195.8	29,093	28,354	98%

HERALDS PRAIRIE

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	97	97	7.80	14.60	30	165.7	28,169	28,169	100%
2	105	102	7.20	17.30	30	190.6	30,492	29,621	97%
3	93	94	7.60	17.30	30	185.4	27,007	27,298	101%
4	90	90	8.50	14.60	30	167.5	26,136	26,136	100%
5	125	123	7.60	17.30	30	242.6	36,300	35,719	98%
6	112	112	8.00	16.60	30	223.1	32,525	32,525	100%
7	97	97	8.50	16.00	30	197.9	28,169	28,169	100%
8	100	100	7.75	18.60	30	216.2	29,040	29,040	100%
9	100	100	8.00	16.00	30	192.0	29,040	29,040	100%
10	101	101	8.00	16.00	30	193.9	29,330	29,330	100%
TOWNSHIP AVERAGE			7.9	16.4	30.0	197.5	29,621	29,505	100%

INDIAN CREEK

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	109	109	7.16	16.60	30	194.3	31,654	31,654	100%
2	90	83	7.33	17.30	30	157.9	26,136	24,103	92%
3	102	102	7.66	14.60	30	171.1	29,621	29,621	100%
4	108	105	5.83	15.30	30	140.5	31,363	30,492	97%
5	105	101	7.66	16.60	30	192.6	30,492	29,330	96%
6	103	102	7.33	17.30	30	194.0	29,911	29,621	99%
7	107	101	7.66	15.30	30	177.6	31,073	29,330	94%
8	101	98	6.33	14.66	30	136.4	29,330	28,459	97%
9	106	103	7.00	16.00	30	173.0	30,782	29,911	97%
10	97	97	7.00	14.66	30	149.3	28,169	28,169	100%
TOWNSHIP AVERAGE			7.1	15.8	30.0	168.7	29,853	29,069	97%

MILL SHOALS

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	108	106	8.41	17.30	30	231.3	31,363	30,782	98%
2	81	78	10.00	15.30	30	179.0	23,522	22,651	96%
3	90	88	9.40	16.70	30	207.2	26,136	25,555	98%
4	105	99	8.00	16.70	30	198.4	30,492	28,750	94%
5	65	61	8.08	15.30	20	169.7	28,314	26,572	94%
6	93	90	8.10	17.30	30	189.2	27,007	26,136	97%
7	94	93	7.80	15.30	30	166.5	27,298	27,007	99%
8	100	92	6.50	17.30	30	155.2	29,040	26,717	92%
9	96	90	6.20	14.70	30	123.0	27,878	26,136	94%
10	105	102	6.7	18.00	30	184.5	30,492	29,621	97%
TOWNSHIP AVERAGE			7.9	16.4	29.0	180.4	28,154	26,993	96%

PHILLIPS

Location	Stalks in 60'	Ears in 60'	Avg. Inches of Grain	Avg. Kernel Rows	Row Spacing in Inches	Indicated Yield per Acre	Plant Population	Ear Population	Ear to Stalk Ratio
1	88	89	7.50	16.00	30	160.2	25,555	25,846	101%
2	103	102	6.33	14.67	30	142.1	29,911	29,621	99%
3	102	99	6.00	14.00	30	124.7	29,621	28,750	97%
4	104	102	6.67	14.67	30	149.7	30,202	29,621	98%
5	111	111	5.17	16.67	30	143.5	32,234	32,234	100%
6	108	107	5.83	14.00	30	131.0	31,363	31,073	99%
7	98	98	6.67	15.33	30	150.3	28,459	28,459	100%
8	106	105	7.00	17.33	30	191.1	30,782	30,492	99%
9	104	101	5.67	18.00	30	154.6	30,202	29,330	97%
10	97	92	6.50	18.67	30	167.5	28,169	26,717	95%
TOWNSHIP AVERAGE			6.3	15.9	30.0	151.5	29,650	29,214	99%

COUNTY AVERAGE			7.4	16.1	29.9	171.1	28,716	28,067	98%
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