

2019 White County, IL Crop Tour

Overall White County Survey Results

September 4, 2019

	2019	2018	2017	2016	2015	2014	2013	2012	2011	2010	2009
USDA Yield Estimate	?	171.3	179.5	134.3	171.3	195.3	178.0	67.6	135.6	152.4	153.0
Crop Tour Estimate	155.4	160.3	159.6	155.4	150.7	161.8	156.3	58.3	141.4	153.9	140.8

2019 Average Yield by Township

TOWNSHIP	bu/ac
Burnt Prairie	175.8
Carmi	140.0
Emma	154.3
Enfield	147.4
Gray	157.6
Hawthorne	150.4
Heralds Prairie	190.3
Indian Creek	143.3
Mill Shoals	161.9
Phillips	132.7

2019 Yield Component Averages

TOWNSHIP	GRAIN LENGTH	KERNEL ROWS	# EARS / ACRE	% EARS / STALK
Burnt Prairie	7.5	16.0	28,662	98%
Carmi	6.7	15.3	26,362	92%
Emma	6.8	16.9	26,107	91%
Enfield	6.4	15.6	28,459	97%
Gray	6.8	16.8	26,702	96%
Hawthorne	7.0	15.8	26,252	95%
Heralds Prairie	7.5	16.5	29,911	100%
Indian Creek	7.4	15.4	24,626	95%
Mill Shoals	7.1	15.3	28,556	98%
Phillips	6.1	15.9	26,630	95%

AVERAGE FOR ALL SAMPLES 7.0 16.0 27,227 96%



2019 White County, IL Crop Tour

Individual sample results by township

September 4, 2019

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	103	100	7.25	17.30	30	188.1	29,911	29,040	97%
2	114	113	6.75	17.30	30	197.9	33,106	32,815	99%
3	85	84	7.60	16.00	30	153.2	24,684	24,394	99%
4	97	95	8.75	13.30	30	165.8	28,169	27,588	98%
5	107	104	7.00	17.30	30	188.9	31,073	30,202	97%
6	99	97	8.20	15.30	30	182.5	28,750	28,169	98%
7	109	106	8.50	14.00	30	189.2	31,654	30,782	97%
8	111	110	6.80	17.30	30	194.1	32,234	31,944	99%
9	94	90	7.30	16.70	30	164.6	27,298	26,136	96%
10	92	88	6.60	15.30	30	133.3	26,717	25,555	96%
TOWNSHIP AVERAGE			7.5	16.0	30.0	175.8	29,359	28,662	98%

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	93	87	6.50	16.00	30	135.7	27,007	25,265	94%
2	95	91	6.80	16.00	30	148.5	27,588	26,426	96%
3	112	110	6.60	16.00	30	174.2	32,525	31,944	98%
4	107	98	5.00	13.30	30	97.8	31,073	28,459	92%
5	108	103	7.20	12.70	30	141.3	31,363	29,911	95%
6	85	81	6.70	16.00	30	130.2	24,684	23,522	95%
7	95	69	7.30	15.30	30	115.6	27,588	20,038	73%
8	97	93	7.70	16.00	30	171.9	28,169	27,007	96%
9	92	85	6.80	16.70	30	144.8	26,717	24,684	92%
TOWNSHIP AVERAGE			6.7	15.3	30.0	140.0	28,524	26,362	92%

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	98	100	6.90	16.70	30	172.8	28,459	29,040	102%
2	88	88	7.00	16.00	30	147.8	25,555	25,555	100%
3	106	88	7.20	17.00	30	161.6	30,782	25,555	83%
4	110	103	6.80	16.00	30	168.1	31,944	29,911	94%
5	99	66	7.30	18.00	30	130.1	28,750	19,166	67%
6	112	101	5.80	16.00	30	140.6	32,525	29,330	90%
7	74	72	6.67	17.00	30	122.5	21,490	20,909	97%
8	96	88	6.70	16.70	30	147.7	27,878	25,555	92%
9	100	90	7.45	17.00	30	171.0	29,040	26,136	90%
10	108	103	6.40	18.30	30	181.0	31,363	29,911	95%
TOWNSHIP AVERAGE			6.8	16.9	30.0	154.3	28,779	26,107	91%

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	106	96	6.40	15.30	30	141.0	30,782	27,878	91%
2	92	90	7.60	15.30	30	157.0	26,717	26,136	98%
3	104	104	5.80	14.70	30	133.0	30,202	30,202	100%
4	102	98	7.40	16.00	30	174.0	29,621	28,459	96%
5	110	110	5.60	18.70	30	172.8	31,944	31,944	100%
6	90	86	7.60	14.70	30	144.1	26,136	24,974	96%
7	102	100	7.40	16.00	30	177.6	29,621	29,040	98%
8	92	90	5.30	14.70	30	105.2	26,717	26,136	98%
9	108	108	5.90	16.00	30	152.9	31,363	31,363	100%
10	104	98	5.40	14.70	30	116.7	30,202	28,459	94%
TOWNSHIP AVERAGE			6.4	15.6	30.0	147.4	29,330	28,459	97%

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	70	67	6.40	15.30	20	147.6	30,492	29,185	96%
2	108	102	7.80	15.30	30	182.6	31,363	29,621	94%
3	113	110	7.00	14.70	30	169.8	32,815	31,944	97%
4	70	65	7.30	14.00	30	99.6	20,328	18,876	93%
5	92	89	7.50	16.70	30	167.2	26,717	25,846	97%
6	103	102	6.50	20.00	30	198.9	29,911	29,621	99%
7	96	94	7.20	18.70	30	189.8	27,878	27,298	98%
8	98	93	6.00	18.70	30	156.5	28,459	27,007	95%
9	75	72	6.30	19.30	30	131.3	21,780	20,909	96%
10	95	92	6.30	15.30	30	133.0	27,588	26,717	97%
TOWNSHIP AVERAGE			6.8	16.8	29.0	157.6	27,733	26,702	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	105	101	7.25	16.00	30	175.7	30,492	29,330	96%
2	89	89	7.90	16.60	30	175.1	25,846	25,846	100%
3	104	100	5.60	14.80	30	124.3	30,202	29,040	96%
4	90	87	7.10	15.30	30	141.8	26,136	25,265	97%
5	104	100	7.00	15.60	30	163.8	30,202	29,040	96%
6	86	75	7.50	17.00	30	143.4	24,974	21,780	87%
7	86	83	7.60	14.60	30	138.1	24,974	24,103	97%
8	89	84	6.90	16.00	30	139.1	25,846	24,394	94%
9	96	85	6.60	17.30	30	145.6	27,878	24,684	89%
10	105	100	7.00	15.00	30	157.5	30,492	29,040	95%
TOWNSHIP AVERAGE			7.0	15.8	30.0	150.4	27,704	26,252	95%

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	112	112	7.50	16.60	30	209.2	32,525	32,525	100%
2	96	113	7.00	17.30	30	205.3	27,878	32,815	118%
3	101	101	7.00	16.60	30	176.0	29,330	29,330	100%
4	98	95	8.50	15.30	30	185.3	28,459	27,588	97%
5	110	108	7.75	16.00	30	200.9	31,944	31,363	98%
6	101	98	8.00	17.30	30	203.4	29,330	28,459	97%
7	104	104	7.50	16.00	30	187.2	30,202	30,202	100%
8	102	100	7.75	18.00	30	209.3	29,621	29,040	98%
9	105	96	6.25	16.60	30	149.4	30,492	27,878	91%
10	106	103	7.50	15.30	30	177.3	30,782	29,911	97%
TOWNSHIP AVERAGE			7.5	16.5	30.0	190.3	30,056	29,911	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	65	64	8.60	15.60	30	128.8	18,876	18,586	98%
2	89	83	7.60	15.60	30	147.6	25,846	24,103	93%
3	102	98	6.60	13.60	30	131.9	29,621	28,459	96%
4	100	99	5.20	15.00	30	115.8	29,040	28,750	99%
5	83	79	8.30	15.30	30	150.5	24,103	22,942	95%
6	103	97	6.30	14.70	30	134.7	29,911	28,169	94%
7	93	89	7.80	16.00	30	166.6	27,007	25,846	96%
8	90	89	8.00	14.60	30	155.9	26,136	25,846	99%
9	92	82	7.90	18.00	30	174.9	26,717	23,813	89%
10	72	68	8.10	15.30	30	126.4	20,909	19,747	94%
TOWNSHIP AVERAGE			7.4	15.4	30.0	143.3	25,817	24,626	95%

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	76	76	6.50	13.30	30	98.6	22,070	22,070	100%
2	101	101	7.20	16.00	30	174.5	29,330	29,330	100%
3	100	99	6.30	14.00	30	131.0	29,040	28,750	99%
4	105	107	7.30	16.00	30	187.5	30,492	31,073	102%
5	99	92	7.60	16.00	30	167.8	28,750	26,717	93%
6	106	102	6.70	18.60	30	190.7	30,782	29,621	96%
7	106	116	6.30	14.00	30	153.5	30,782	33,686	109%
8	81	79	7.70	15.30	30	139.6	23,522	22,942	98%
9	128	113	8.60	14.70	30	214.3	37,171	32,815	88%
TOWNSHIP AVERAGE			7.1	15.3	30.0	161.9	29,105	28,556	98%

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	95	91	5.33	17.33	30	126.1	27,588	26,426	96%
2	103	97	6.33	16.00	30	147.4	29,911	28,169	94%
3	99	95	7.00	16.00	30	159.6	28,750	27,588	96%
4	101	99	4.67	17.33	30	120.2	29,330	28,750	98%
5	92	88	6.83	16.00	30	144.2	26,717	25,555	96%
6	101	99	6.33	14.67	30	137.9	29,330	28,750	98%
7	90	78	6.33	14.00	30	103.7	26,136	22,651	87%
8	87	83	7.67	14.00	30	133.7	25,265	24,103	95%
9	99	95	4.33	16.67	30	102.9	28,750	27,588	96%
10	96	92	6.33	17.33	30	151.4	27,878	26,717	96%

TOWNSHIP AVERAGE **6.1** **15.9** **30.0** **132.7** **27,966** **26,630** **95%**

COUNTY AVERAGE **7.0** **16.0** **29.9** **155.4** **28,437** **27,227** **96%**