



## 2019 Corn Replicated Trial Summary

### Irrigated Replicated Trial Results

Locations: Conway Springs, Hutchinson, Garden City

### Full Season Maturity Group

Brand	Hybrid	Avg Yield	Avg Test Wgt	% of Trials Mean
Midland Genetics	EXP 116A	217.96	59.51	108.04%
Midland Genetics	689 PR	216.50	59.2	107.32%
Midland Genetics	757 PR	215.37	59.6	106.76%
Midland Genetics	709 PR	212.24	59.9	105.20%
Midland Genetics	EXP 115B	211.71	59.4	104.94%
Golden Harvest	GH 13N18-3111	208.68	55.9	103.44%
Midland Genetics	429 PR	207.92	58.9	103.07%
Midland Genetics	770 PR	207.88	58.4	103.04%
NK Brands	NK 1364-3111	207.28	55.8	102.74%
Midland Genetics	669 PR	203.94	60.1	101.09%
Midland Genetics	594 PRDG	203.11	57.5	100.68%
Midland Genetics	570 PR	202.47	59.8	100.36%
Midland Genetics	656 PR	201.26	59.3	99.76%
Midland Genetics	430 PR	199.31	58.9	98.79%
Pioneer	P1197AM	197.94	60.3	98.12%
Pioneer	P1366AM	195.33	58.7	96.82%
DeKalb	DKC64-35RIB	153.53	59.2	76.10%
<b>Trials Mean</b>		<b>201.74</b>	<b>58.9</b>	
<b>Trials STD DEV</b>		<b>12.03</b>	<b>1.1</b>	
<b>Trials CV</b>		<b>5.96</b>	<b>1.9</b>	



## 2019 Corn Replicated Trial Summary

### Irrigated Replicated Trial Results

Locations: Conway Springs, Hutchinson, Garden City

Short Season Maturity Group

Brand	Hybrid	Avg Yield	Avg Test Wgt	% of Trials Mean
Midland Genetics	EXP 108C	219.37	57.8	123.40%
Midland Genetics	EXP 109A	213.14	57.8	119.89%
Midland Genetics	EXP 108A	209.23	59.3	117.69%
Midland Genetics	EXP 108D	202.95	58.0	114.16%
Midland Genetics	430 PR	198.94	58.7	111.90%
Midland Genetics	347 PR	193.14	57.5	108.64%
DeKalb	DKC60-88 RIB	192.39	58.7	108.22%
Midland Genetics	349 PR	191.28	59.0	107.59%
Pioneer	P0801AM	181.75	59.0	102.23%
NK Brand	NK 0388-GT 3000	174.53	58.9	98.17%
<b>Trials Mean</b>		<b>177.78</b>	<b>58.7</b>	
<b>Trials STD DEV</b>		<b>17.98</b>	<b>0.8</b>	
<b>Trials CV</b>		<b>10.11</b>	<b>1.3</b>	



## 2019 Corn Replicated Trial Summary

### Dryland Replicated Trial Results

Locations: Hesston, Hutchinson

### Full Season Maturity Group

Brand	Hybrid	Avg Yield	Avg Test Wgt	% of Trials Mean
Midland Genetics	429 PR	150.55	59.2	112.37%
Midland Genetics	EXP 117A	149.60	60.4	111.66%
Midland Genetics	689 PR	149.54	59.5	111.62%
Midland Genetics	EXP 116A	147.99	60.0	110.46%
Midland Genetics	EXP 115B	147.28	59.8	109.94%
Midland Genetics	594 PRDG	144.25	57.5	107.67%
Midland Genetics	770 PR	141.89	58.8	105.91%
Midland Genetics	570 PR	138.70	59.3	103.53%
Midland Genetics	430 PR	137.04	57.7	102.29%
Golden Harvest	GH 13N18-3111	136.92	55.6	102.20%
Midland Genetics	709 PR	136.04	58.7	101.54%
NK Brand	NK 1364-3111	133.70	55.2	99.80%
Midland Genetics	757 PR	133.16	59.8	99.40%
Midland Genetics	669 PR	132.44	59.0	98.86%
Midland Genetics	656 PR	132.23	58.8	98.70%
Pioneer	P1197AM	123.20	57.7	91.96%
Pioneer	P1366AM	122.12	56.5	91.15%
DeKalb	DKC64-35RIB	109.52	60.0	81.75%
<b>Trials Mean</b>		<b>133.97</b>	<b>58.2</b>	
<b>Trials STD DEV</b>		<b>10.55</b>	<b>1.6</b>	
<b>Trials CV</b>		<b>7.88</b>	<b>2.7</b>	



## 2019 Corn Replicated Trial Summary

### Dryland Replicated Trial Results

Locations: Hutchinson, Newton

Short Season Maturity Group

Brand	Hybrid	Avg Yield	Avg Test Wgt	% of Trials Mean
Midland Genetics	EXP 109A	145.43	58.4	114.26%
Midland Genetics	430 PR	143.09	57.6	112.42%
Midland Genetics	349 PR	141.54	57.5	111.21%
Midland Genetics	EXP 108A	135.68	57.0	106.60%
Midland Genetics	347 PR	134.66	56.3	105.80%
Midland Genetics	EXP 108D	133.91	57.5	105.21%
Midland Genetics	EXP 108C	129.64	56.2	101.85%
Pioneer	P0801AM	121.95	56.5	95.81%
DeKalb	DKC60-88 RIB	121.10	58.2	95.14%
NK Brand	NK 0388-GT 3000	117.26	56.0	92.13%
<b>Trials Mean</b>		<b>127.28</b>	<b>56.5</b>	
<b>Trials STD DEV</b>		<b>8.95</b>	<b>1.4</b>	
<b>Trials CV</b>		<b>7.03</b>	<b>2.4</b>	



## 2018-19 Corn Replicated Trial Summary

### Irrigated Replicated Trial Results 2 Year Summary

Locations: Conway Springs, Hutchinson, Garden City, Larned, Macksville, Colby

### Full Season Maturity Group

Brand	Hybrid	Avg Yield (bu/Ac)	Avg Test Wgt	% of Trials Mean
Midland Genetics	689 PR	229.43	60.4	109.04%
Midland Genetics	770 PRDG	226.47	59.9	107.63%
Midland Genetics	757 PR	225.42	60.8	107.13%
Midland Genetics	709 PR	222.84	60.7	105.90%
Midland Genetics	EXP 112A	221.37	59.5	105.20%
Midland Genetics	669 PR	216.63	60.7	102.95%
Midland Genetics	EXP 117A	216.31	61.7	102.80%
Midland Genetics	429 PR	215.08	59.5	102.22%
Midland Genetics	570 PR	213.12	60.9	101.28%
Midland Genetics	656 PR	208.37	60.3	99.03%
Midland Genetics	594 PRDG	207.88	58.6	98.79%
Pioneer	P1197AM	207.24	60.4	98.49%
Midland Genetics	448 PR	204.96	59.7	97.41%
Midland Genetics	430 PR	204.28	59.6	97.08%
DeKalb	DKC 64-35ProRIB	184.26	60.4	87.57%



## 2018-19 Corn Replicated Trial Summary

### Dryland Replicated Trial Results 2 Year Summary

Locations: Hesston, Hutchinson, Hillsboro, Newton

### Full Season Maturity Group

Brand	Hybrid	Avg Yield (bu/Ac)	Avg Test Wgt	% of Trials Mean
Midland Genetics	429 PR	141.56	59.1	115.14%
Midland Genetics	EXP 117A	139.68	61.0	113.61%
Midland Genetics	689 PR	134.66	60.2	109.53%
Midland Genetics	594 PRDG	134.53	57.8	109.42%
Midland Genetics	709 PR	133.28	60.1	108.41%
Midland Genetics	770 PRDG	129.93	59.6	105.68%
Midland Genetics	430 PR	129.44	59.0	105.28%
Midland Genetics	EXP 114B	128.15	58.8	104.23%
Midland Genetics	448 PR	126.34	57.2	102.76%
Midland Genetics	570 PR	125.28	59.5	101.90%
DeKalb	DKC 64-35ProRIB	118.34	58.3	96.25%
Midland Genetics	669 PR	115.48	59.7	93.93%
Midland Genetics	757 PR	114.67	59.9	93.27%
Midland Genetics	656 PR	114.60	59.2	93.21%
Pioneer	P1197AM	98.29	58.8	79.94%



## 2018-19 Corn Replicated Trial Summary

### Irrigated Replicated Trial Results 2 Year Summary

Locations: Conway Springs, Hutchinson, Garden City, Larned, Macksville, Colby

### Early Season Maturity Group

Brand	Hybrid	Avg Yield (bu/Ac)	Avg Test Wgt	% of Trials Mean
Midland Genetics	EXP 109A	216.61	58.8	117.29%
Midland Genetics	EXP 108A	210.32	59.9	113.88%
Midland Genetics	347 PR	207.67	58.5	112.45%
Midland Genetics	349 PR	206.16	59.2	111.63%
Midland Genetics	EXP 106A	199.22	59.6	107.87%
Midland Genetics	EXP 105A	183.50	58.6	99.36%
Midland Genetics	EXP 100C	175.13	59.6	94.83%
NK Brand	NK 0388-GT3000	174.64	58.9	94.56%
Midland Genetics	228 PR	173.24	59.4	93.81%
Midland Genetics	104A	172.89	57.1	93.62%
Midland Genetics	106B	163.83	58.9	88.71%
Midland Genetics	134 PR	158.72	59.1	85.94%



## 2018-19 Corn Replicated Trial Summary

### Dryland Replicated Trial Results 2 Year Summary

Locations: Hesston, Hutchinson, Hillsboro, Newton

### Early Season Maturity Group

Brand	Hybrid	Avg Yield (bu/Ac)	Avg Test Wgt	% of Trials Mean
Midland Genetics	EXP 109A	132.52	58.6	111.98%
Midland Genetics	349 PR	130.85	57.6	110.56%
Midland Genetics	EXP 108A	127.89	58.1	108.06%
Midland Genetics	EXP 106A	124.16	57.8	104.91%
Midland Genetics	EXP 105A	121.74	56.5	102.87%
Midland Genetics	347 PR	120.78	56.9	102.05%
Midland Genetics	134 PR	120.18	57.3	101.54%
Midland Genetics	EXP 100C	115.54	58.1	97.63%
Midland Genetics	106B	113.52	57.7	95.92%
Midland Genetics	104A	106.61	56.6	90.08%
Midland Genetics	228 PR	105.61	57.8	89.23%
NK Brand	NK 0388-GT3000	104.16	56.9	88.01%





## 2019 Corn Replicated Trial Summary

### Irrigated Replicated Test

Location: Conway Springs, KS

### Early Season Maturity Group

Brand	Hybrid	Avg Yield (bu/Ac)	Avg Test Wgt	% of Trial Mean
Midland Genetics	108C	<b>200.436</b>	57.53	125.62%
Midland Genetics	108D	<b>195.453</b>	59.53	122.50%
DeKalb	DKC 60-88 ProRIB	<b>191.268</b>	59.28	119.87%
Midland Genetics	109A	<b>182.665</b>	57.63	114.48%
Midland Genetics	MG 349	<b>181.683</b>	59.97	113.87%
Midland Genetics	105A	<b>181.622</b>	59.23	113.83%
Midland Genetics	100C	178.795	60.33	112.06%
Midland Genetics	108A	176.321	59.71	110.51%
Midland Genetics	107A	175.729	55.23	110.14%
Midland Genetics	104A	174.897	58.17	109.61%
Midland Genetics	MG 430	171.859	59.33	107.71%
Midland Genetics	106A	170.179	58.26	106.66%
NK Brand	NK 0388	166.050	59.63	104.07%
Pioneer	P0157	164.902	59.96	103.35%
Midland Genetics	MG 228	164.411	59.73	103.04%
Midland Genetics	108B	163.909	59.27	102.73%
Pioneer	P0801AM	159.024	60.00	99.67%
Midland Genetics	MG 347	152.664	56.83	95.68%
Midland Genetics	096A	152.470	60.70	95.56%
Midland Genetics	100B	152.395	59.78	95.51%
Midland Genetics	EXP801	152.165	60.07	95.37%
Midland Genetics	100A	150.279	59.33	94.19%
Midland Genetics	102A	149.073	59.23	93.43%
Midland Genetics	098A	145.510	59.90	91.20%
Midland Genetics	106B	141.745	60.46	88.84%
Midland Genetics	095A	139.210	59.07	87.25%
Midland Genetics	103A	139.118	59.60	87.19%
Midland Genetics	100CZ	136.475	60.77	85.53%
Midland Genetics	MG 134	136.079	58.18	85.29%
Midland Genetics	097B	135.186	58.80	84.73%
Midland Genetics	107B	132.114	57.96	82.80%
Midland Genetics	098B	128.008	60.03	80.23%
Midland Genetics	097A	123.680	61.21	77.51%
<b>Test Average</b>		<b>159.557</b>	<b>59.234</b>	
<b>Standard Deviation</b>		<b>20.197</b>	<b>1.207</b>	
<b>CV</b>		<b>12.658</b>	<b>2.037</b>	



## 2019 Corn Replicated Trial Summary

### Irrigated Replicated Test

Location: Conway Springs, KS

Long Season Maturity Group

Brand	Hybrid	Avg Yield (bu/Ac)	Avg Test Wgt	% of Trial Mean
Midland Genetics	EXP 115C	225.270	58.55	116.66%
Midland Genetics	EXP 111AZ	217.690	59.40	112.74%
Midland Genetics	EXP 116A	214.880	60.10	111.28%
Midland Genetics	EXP 115B	211.189	59.10	109.37%
Midland Genetics	MG 709	210.715	59.10	109.12%
NK Brand	NK 1364-3111	209.931	54.75	108.72%
Golden Harvest	GH 13N18-3111	207.999	55.70	107.72%
Midland Genetics	MG 757	203.752	58.60	105.52%
Midland Genetics	MG 653	203.642	59.50	105.46%
Midland Genetics	MG 429	203.639	57.67	105.46%
Midland Genetics	EXP 113B	203.435	58.85	105.35%
Midland Genetics	EXP801	200.728	56.23	103.95%
Midland Genetics	MG 689	199.151	57.95	103.14%
Midland Genetics	EXP 111A	197.446	57.17	102.25%
Midland Genetics	MG 570	197.350	60.10	102.20%
Midland Genetics	EXP 117A	196.900	60.80	101.97%
Pioneer	P1197AM	196.779	60.95	101.91%
Midland Genetics	EXP 116B	196.718	58.50	101.88%
Midland Genetics	MG 594	196.085	55.85	101.55%
Midland Genetics	EXP 115A	194.593	61.30	100.78%
Midland Genetics	MG 656	194.386	59.40	100.67%
Midland Genetics	EXP 115D	192.801	58.05	99.85%
Midland Genetics	MG 430	191.469	59.45	99.16%
Midland Genetics	MG 448	190.952	58.65	98.89%
Midland Genetics	EXP 115E	188.190	53.65	97.46%
Midland Genetics	MG 669	185.729	60.15	96.18%
Midland Genetics	MG 775	182.989	57.00	94.77%
Midland Genetics	EXP 112C	182.223	58.90	94.37%
Midland Genetics	EXP 111B	181.035	59.90	93.75%
Midland Genetics	EXP 114B	180.653	58.33	93.56%
Midland Genetics	EXP 113A	180.536	58.15	93.50%
Midland Genetics	MG 735	180.087	58.17	93.26%
Pioneer	P1366AM	179.378	58.05	92.90%
Midland Genetics	EXP 114A	178.910	59.50	92.65%
Midland Genetics	EXP 111C	174.822	58.00	90.54%
Midland Genetics	EXP 112B	164.353	60.75	85.11%
Midland Genetics	MG 770	161.275	57.07	83.52%
DeKalb	DKC 64-35 ProRIB	159.966	59.05	82.84%
<b>Test Average</b>		<b>193.096</b>	<b>58.484</b>	
<b>Standard Deviation</b>		<b>14.938</b>	<b>1.666</b>	
<b>CV</b>		<b>7.736</b>	<b>2.848</b>	

