

University of Illinois Department of Crop Sciences, Corn on Corn Trial, DeKalb IL  
 2016 Hybrid Corn Test Results: DeKalb Corn Following Corn (36,500) ppa

Grain Quality

Company	Name	IST <sup>1</sup>	GT <sup>2</sup>	HT <sup>3</sup>	Relative Maturity	Yield bu/a	Moisture %	% Erect plants	Oil @0%	Protein @0%	Starch @0%
YIELDirect	4L59-RIB	H	C2 R	B	106	235	16.4	100	4.1	7.5	72.2
Channel	209-53STXRIB	M	C2 R2 L	B	109	235	17.5	100	4.1	7.4	72.1
<b>Dekalb</b>	<b>DKC58-06RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>108</b>	<b>228</b>	<b>16.6</b>	<b>100</b>	<b>3.7</b>	<b>6.8</b>	<b>74.0</b>
Power Plus	5C17 AMXT	H	C2 R2	G	110	225	16.6	100	3.6	7.6	73.1
Channel	207-27STXRIB	M	C2 R2 L	B	107	224	16.2	100	4.5	6.9	72.9
YIELDirect	4L87-VT2P	H	C2	G	106	224	16.6	100	3.6	6.9	73.6
<b>Dekalb</b>	<b>DKC62-77RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>112</b>	<b>224</b>	<b>15.8</b>	<b>100</b>	<b>4.0</b>	<b>7.3</b>	<b>73.2</b>
<b>Dekalb</b>	<b>DKC63-60RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>113</b>	<b>222</b>	<b>18.2</b>	<b>100</b>	<b>3.9</b>	<b>7.2</b>	<b>73.1</b>
YIELDirect	5M83-RIB	H	C2 R	B	108	221	17.0	100	3.7	7.7	73.4
<b>Dekalb</b>	<b>DKC64-87RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>114</b>	<b>218</b>	<b>17.7</b>	<b>100</b>	<b>4.0</b>	<b>6.9</b>	<b>73.6</b>
Cornelius	C765SS	M	C2 R2 LB		114	217	19.0	100	3.8	8.1	72.4
Renk	RK810SSTX	M	C2 R2 L	B	110	217	17.5	100	4.1	7.2	72.4
<b>Dekalb</b>	<b>DKC61-54RIB</b>	<b>M</b>	<b>C2 R2 L</b>	<b>B</b>	<b>111</b>	<b>212</b>	<b>16.8</b>	<b>100</b>	<b>3.8</b>	<b>7.4</b>	<b>72.9</b>
YIELDirect	5L33-RIB	H	C2 R	B	109	207	15.2	100	3.9	7.2	72.9
YIELDirect	5E58-RIB	H	C2 R	B	107	207	15.2	100	4.1	7.5	72.9
Channel	211-35STXRIB	M	C2 R2 L	B	111	207	16.6	100	3.4	7.5	73.8
Cornelius	C621SS	M	C2 R2 LB		110	206	16.3	100	4.3	7.2	72.3
YIELDirect	4M76-GENSS	H	C2 R2 L	B	105	199	15.0	100	4.1	7.0	74.2
YIELDirect	4M47-RIB	H	C2 R	B	104	194	14.1	100	3.6	7.1	74.8
Cornelius	C634SS	M	C2 R2 LB		111	186	16.2	100	4.2	7.3	72.6
Renk	6-798VT2P	L	C2	G	109	184	16.3	100	4.5	7.7	71.6
Power Plus	4J95 AMX	H	C2 R	G	109	172	17.6	100	3.9	7.4	72.4
Power Plus	3H85 AMX	H	C2 R	G	107	165	16.1	100	3.9	7.4	73.0
<b>Non-GMO Hybrids</b>											
Prairie	6212				111	179	17.2	100	4.0	7.5	73.3
Prairie	7355				112	178	17.9	99	3.8	7.4	73.2
	<b>Average</b>					207	16.6	100	4	7	73.0
	<b>L.S.D 25% Level</b>					11	0.6	0	0	0	0.7
	<b>CV (%)</b>					6	3.8	0	5	5	1.0

<sup>1</sup>Insecticide Seed Treatment: L = Low rate, M = Medium rate, H = High rate

<sup>2</sup>Genetic Traits: C= Corn Borer, R= Root Worm, L= Other Lepidoptera, Number following the letter indicates how many traits are expressed

<sup>3</sup>Herbicide Traits: G= Glyphosate, U= Glufosinate, B= Both