

Table 10. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

Planted 04/23/10 & Harvested 09/01/10 - Early Hybrids								Performance Ranking for				Pooled Sites	
Brand	Variety	Yield Bu/A.	% Moisture	Yield/ Moisture	% Stalk Lodging	% Root Lodging	Final Pop.	Sussex Irrigated	Marydel Irrigated	Dover Irrigated	Sussex 2-Year Avg.	Yield Avg. Bu/A.	Rank
AUGUSTA	A2857	193.6	20.1	9.7	3.3	0.0	27625	1	7	8		215	4
AUGUSTA	A2852GTCBLL	190.9	18.7	10.1	0.0	0.0	28625	2	4	4		217	2
GARST	85E98-3000GT BRAND	185.2	20.2	8.5	13.2	0.0	29000	3	13	9		210	7
DEKALB	DKC57-50(VT3)	185.0	20.4	8.2	0.5	0.0	23500	4	6	12	195	209	8
AUGUSTA	A5457	184.8	21.6	8.2	0.5	1.0	26875	5	2	5		215	3
RPM	628HRQH1/LL/RR2	183.4	21.7	8.5	0.0	0.0	27625	6	18	16	186	201	13
DEKALB	DKC52-59(VT3)	175.3	16.3	10.8	0.0	0.4	27375	7	11	11	188	205	10
RPM	615HRQHXT/LL/RR2	173.9	21.5	8.1	0.0	0.5	27500	8	16	23	188	195	16
RPM	633HXRHX1/LL/RR2	173.6	21.1	8.2	0.4	0.0	28125	9	9	2		212	5
DEKALB	DKC54-16(VT3)	171.1	18.2	9.5	0.0	0.0	28375	10	10	7	188	206	9
GROWMARK	FS5595VT3	169.5	19.2	8.9	0.9	0.0	28125	11	5	13		204	12
AUGUSTA	A2847LL	169.4	17.4	9.9	0.4	0.0	28500	12	20	20		193	17
AUGUSTA	A2854HXLL	168.2	19.4	8.7	0.5	0.0	28750	13	14	17		198	14
AUGUSTA	A5558VT3	165.9	21.1	7.2	8.5	0.0	30375	14	3	3		210	6
MYCOGEN	2A551	165.7	18.5	9.0	0.4	0.5	28375	15	23	22		188	20
TA SEEDS	TA657-13VP	164.9	19.1	8.7	8.0	2.9	29875	16	1	1		220	1
TA SEEDS	TA565-18	164.2	17.6	9.3	0.4	0.0	29000	17	15	14		197	15
CLARKS	CL710C	163.9	20.6	7.7	1.5	0.0	25625	18	12	5		205	11
NK	N53C-3000GT BRAND	161.9	17.3	9.5	0.0	0.0	28250	19	22	18		190	19
AUGUSTA	A2855GT3	160.3	17.1	9.1	0.0	0.0	25375	20	25	25		181	25
AUGUSTA	A2752GT3	158.7	16.8	9.5	0.5	0.0	26500	21	19	15		192	18
DOEBLERS	679GRQ	154.9	19.5	7.6	8.3	0.0	25875	22	21	19		188	21
AUGUSTA	A2850LL	153.7	16.5	9.4	0.0	0.0	26000	23	17	24		187	22
CROPLAN GENETICS	4338VT	151.6	15.9	9.5	0.0	0.0	27500	24	24	21		183	24
TA SEEDS	TA688-11	104.9	17.7	6.1	20.5	0.0	28500	25	8	10	157	184	23
Statistics	Avg.	167.2	18.9	8.8	2.7	0.2	27650						
	L.S.D.(.05)	29.0	2.2	1.5	8.6		2672.2						
	%C.V.	11.6	7.7	11.8	224.6	515.1	6.9						

¹ The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid

Table 11. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

Planted 04/23/10 & Harvested 09/01/10 - Early-Medium Hybrids								Performance Ranking for			Pooled Sites		
Brand	Variety	Yield Bu/A.	% Moisture	Yield/ Moisture	% Stalk Lodging	% Root Lodging	Final Pop.	Sussex Irrigated	Marydel Irrigated	Dover Irrigated	Sussex 2-Year Avg.	Yield Avg. Bu/A.	Rank
RPM	725HRQHXT/LL/RR2	211.5	22.1	8.8	3.4	0.0	28875	1	23	10	212	213	6
AUGUSTA	A7664VT3	210.0	22.0	9.6	0.0	0.0	27750	2	5	1		230	1
TA SEEDS	TA778-13V	197.5	21.7	8.5	2.5	0.0	28125	3	20	21		205	13
AUGUSTA	A5462GT3	190.2	21.6	8.3	7.6	0.0	29125	4	3	3		219	2
NK	N68B-3000GT BRAND	189.7	21.4	8.3	0.0	0.0	27250	5	2	7		218	3
TA SEEDS	TA700-11	188.6	21.6	8.7	0.5	0.0	26500	6	18	24		201	16
MYCOGEN	2D770	185.9	21.5	8.7	0.0	0.0	28875	7	15	18		205	12
DOEBLERS	721XY	185.4	21.9	8.5	2.3	0.0	27750	8	24	6	211	202	15
CROPLAN GENETICS	5757VT3	177.4	19.3	9.1	0.5	0.0	27375	9	19	20		199	18
MYCOGEN	2E694	176.6	21.3	8.1	0.0	0.0	29625	10	22	22		196	21
SPIRIT HYBRIDS	SP114-1GT3	175.6	21.6	8.2	9.0	0.0	28250	11	12	12		206	11
NK	N72A-3000GT BRAND	175.3	19.4	9.1	1.8	0.0	28625	12	7	5		210	7
GARST	84U58-3000GT BRAND	174.0	20.6	8.5	0.0	0.0	27625	13	1	11		213	4
AUGUSTA	A5337EVT3	172.6	21.5	8.0	1.3	0.0	27250	14	8	8		207	8
GARST	84J30-3000GT BRAND	172.3	18.0	9.6	1.3	0.0	28875	15	9	16		204	14
GROMARK	FS6296VT3	170.5	21.2	8.1	1.4	0.0	27500	16	13	4		207	9
AUGUSTA	A5460GT3	169.8	18.8	9.1	0.9	0.0	28000	17	6	17		206	10
SPIRIT HYBRIDS	SP111-1GT3	165.8	19.1	8.7	0.9	0.4	28375	18	17	14		199	19
AUGUSTA	A0720CBLL	165.1	21.0	7.9	5.6	0.4	29875	19	4	2		213	5
DOEBLERS	718HX	165.0	20.9	7.7	1.3	0.0	28375	20	21	13		197	20
AUGUSTA	A5461GTTCBLL	153.1	19.7	7.7	18.6	0.0	27875	21	10	9		200	17
TA SEEDS	TA717-20	142.7	21.5	6.7	5.5	0.0	28125	22	16	15		191	23
AUGUSTA	A0606GTCBLL	141.5	21.7	6.5	17.4	0.0	27625	23	11	19		193	22
AUGUSTA	A6164GT3	140.2	20.5	6.8	3.3	0.0	29750	24	14	23		187	24
Statistics	Avg.	173.9	20.8	8.3	3.5	0.0	28224						
	L.S.D.(.05)	28.8	1.6	1.3	9.4								
	%C.V.	11.2	5.3	11.2	187.9	697.8	5.4						

¹ The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid

Table 12. Irrigated Corn Hybrid Performance Summary
 Research & Education Center (Sussex County) Georgetown, Delaware

Planted 04/23/10 & Harvested 09/01/10 - Medium-Medium Late Hybrids								Performance Ranking for				Pooled Sites	
Brand	Variety	Yield Bu/A.	% Moisture	Yield/ Moisture	% Stalk Lodging	% Root Lodging	Final Pop.	Sussex Irrigated	Marydel Irrigated	Dover Irrigated	Sussex 2-Year Avg.	Yield Avg. Bu/A.	Rank
GARST	83R38-3000GT BRAND	173.7	21.7	7.4	0.9	0.0	27875	1	6	9		215	3
DEKALB	DKC64-69(GENV3P)	170.8	21.5	8.0	0.5	0.0	27875	2	1	5		218	2
DEKALB	DKC63-84(VT3)	167.0	19.2	8.7	12.2	0.5	29000	3	3	1		219	1
EMERGE GENETICS	SX849	166.7	21.8	6.5	8.9	0.0	27500	4	11	14	189	207	6
MYCOGEN	2V732	164.7	18.7	8.2	3.7	0.0	25125	5	7	17		208	5
DEKALB	DKC63-14(VT3)	162.5	21.2	7.7	1.8	0.0	28375	6	5	10		211	4
RPM	725HRQHXT/LL/RR2	162.0	21.9	6.9	3.1	0.0	28750	7	18	11	190	202	11
TA SEEDS	TA765-00	160.2	21.8	6.7	9.1	0.0	27375	8	12	8	188	206	7
AUGUSTA	A007Q	151.5	21.8	7.0	19.2	0.0	28125	9	16	3		202	9
TA SEEDS	TA790-18	147.2	21.7	6.8	17.9	0.5	29250	10	10	7		203	8
CROPLAN	6763VT3	146.1	19.4	7.5	10.7	0.5	28000	11	13	15	181	200	12
NK	N77H-3000GT BRAND	140.3	21.3	6.3	31.9	0.0	27625	12	17	2		198	14
CLARKS	CL715C	131.2	21.6	5.7	17.8	0.0	28625	13	9	13		198	15
AUGUSTA	A6365GT	131.1	21.3	6.0	45.3	0.9	28875	14	15	12		194	16
AUGUSTA	A6867CBLL	130.4	21.2	5.8	29.7	0.5	26625	15	4	4		202	10
MYCOGEN	2T789	120.1	20.6	5.9	14.2	0.0	28375	16	14	18	170	186	18
TA SEEDS	TA780-01	119.0	21.5	5.5	34.2	1.0	26750	17	2	6	171	200	13
CROPLAN GENETICS	6831RHXT	101.0	20.7	4.9	14.0	1.7	29500	18	8	16		188	17
Statistics	Avg.	146.0	21.0	6.7	15.3	0.3	27979						
	L.S.D.(.05)	28.6	1.6	1.4	12.8								
	%C.V.	12.5	4.9	15.0	59.1	307.7	6.5						

¹The bold text and darker shading indicate that the yield of the hybrids is not statistically different from the top yielding hybrid