

Table 4. Dry Land Corn Hybrid Performance Summary
 Delaware State University Farm (Kent County) Smyrna, Delaware

Planted 05/02/07 & Harvested 09/12/07 - Early Hybrids							Performance Ranking for			Irrigated Pooled Sites		
Brand	Variety	Yield Bu/A.	% Moisture	Yield/ Moisture	% Stalk Lodging	Final Pop.	Kent County Dry Land	Magnolia Irrigated	Sussex County Irrigated	Kent Site 2-Year Avg. Bu/A.	Yield Avg. Bu/A.	Rank
NK	N 48-R3	131.2	12.8	10.2	11.1	21500	1	16	17	152	183	18
AUGUSTA	5231CB	125.8	16.4	7.7	1.2	21750	2	7	9		197	7
AUGUSTA	05-30PLRR	123.7	18.0	6.9	0.0	21875	3	8	5	166	199	6
HYTEST	HT 7428	122.8	13.8	8.8	1.2	22125	4	9	13		194	10
TA SEEDS	TA 607-11	120.8	15.1	8.0	1.2	19750	5	5	16		195	9
DOEBLER'S	660BWR	119.8	16.1	7.5	0.0	20875	6	12	6		196	8
TRISLER	T-5A01RRCB	114.6	13.3	8.7	1.7	22250	7	2	4		207	2
TRISLER	T-6A02RRCB	114.5	15.3	7.7	4.0	21875	8	3	7		203	5
AUGUSTA	5175CB	113.6	17.5	6.6	0.0	21750	9	13	10	153	194	11
AUGUSTA	A-06-05GT	112.8	14.6	7.7	0.0	20125	10	18	19	147	176	19
AUGUSTA	A-06-07BT	112.3	14.8	7.6	0.6	21125	11	6	2		204	4
AUGUSTA	3387RRCB	111.9	15.7	7.5	0.0	21250	12	1	3	158	209	1
AUGUSTA	A-06-11HX	109.0	15.7	7.0	0.0	21250	13	20	20	138	168	20
SOUTHERN STATES	SS 574RR2YGCB	108.8	15.8	6.9	0.6	22500	14	15	15		188	15
SOUTHERN STATES	SS 647VT3	107.8	16.8	6.5	3.9	22375	15	17	12		186	17
AUGUSTA	5160CB	107.3	17.4	6.3	0.0	22000	16	19	8	152	187	16
AUGUSTA	A-07-09	105.9	16.4	6.4	0.0	22250	17	14	11		191	14
AUGUSTA	5234PLRR	104.7	19.2	5.5	0.0	21375	18	4	18	148	192	13
DOEBLER'S	648ARB	103.6	18.5	5.7	4.0	22375	19	10	1		204	3
TA SEEDS	TA 678-13	102.9	17.2	6.0	0.0	19250	20	11	14		193	12
Statistics	Avg.	113.7	16.0	7.3	1.5	21481						
	L.S.D.(.05)		1.83	1.5		1196.2						
	%C.V.	11.67	8.07	15.0	379.4	3.9						

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

Table 7. Dry Land Corn Hybrid Performance Summary
 Delaware State University Farm (Kent County) Smyrna, Delaware

Planted 05/02/07 & Harvested 09/12/07 - Early-Medium Hybrids							Performance Ranking for			Irrigated Pooled Sites		
Brand	Variety	Yield Bu/A.	% Moisture	Yield/ Moisture	% Stalk Lodging	Final Pop.	Kent County Dry Land	Magnolia Irrigated	Sussex County Irrigated	Kent Site 2-Year Avg. Bu/A.	Yield Avg. Bu/A.	Rank
DOEBLER'S	660BWR	154.3	17.7	8.7	2.3	21500	1	25	9		214	15
DEKALB	DKC 61-22(RR2)	143.4	17.3	8.3	0.0	21500	2	6	8		227	5
CLARK'S	CL 911BTTR	143.0	18.0	8.0	0.0	20750	3	23	13		213	16
DEKALB	DKC 64-23(RR2/YGRW)	140.4	20.3	6.9	0.0	20875	4	12	3		226	7
HYTEST	HT 75-50	137.0	22.5	6.1	2.3	22875	5	8	2		234	2
DOEBLER'S	648ARB	136.1	18.4	7.5	0.6	21750	6	1	18		227	6
NK	N 68-B8	135.7	17.0	8.0	0.0	21875	7	4	4	177	230	3
AUGUSTA	06-04HX	134.9	17.5	7.7	0.0	22500	8	27	27		203	28
DEKALB	DKC 57-47(RR2)	134.4	17.9	7.5	0.5	22000	9	14	25		213	17
SOUTHERN STATES	SS 686RR2YGCB	134.4	18.0	7.5	0.6	21375	9	26	22		208	24
AUGUSTA	03-84PLRR	134.3	16.6	8.1	1.2	21250	11	18	29		207	26
GROWMARK FS	FS 6277XRR	134.2	16.7	8.0	0.0	21750	12	5	16		224	8
DEKALB	DKC 63-42(VT3)	133.9	18.1	7.4	0.0	22750	13	2	5		230	4
CLARKS	CL 912BTTR	133.8	22.1	6.1	2.5	21375	14	11	7		224	9
DEKALB	RX 754(RR2/YGPL)	133.1	21.2	6.3	0.6	22750	15	13	14		219	14
TA SEEDS	TA 678-13	132.7	17.6	7.5	0.7	19625	16	19	30		205	27
GROWMARK FS	FS 6241XRR	131.4	21.1	6.2	1.2	20875	17	20	17		213	19
AUGUSTA	A-06-08HX	129.5	19.7	6.6	0.6	21000	18	16	6		220	13
TA SEEDS	TA 688-11	129.5	19.1	6.7	0.6	21250	19	22	21		210	22
TRISLER	T-7A01RR	129.1	19.5	6.6	0.6	21125	20	7	15		222	11
TRISLER	T-7N54RRCB	128.9	21.4	6.1	0.0	21750	21	28	11		210	21
DEKALB	DKC 61-73(RR2/YGCB)	128.6	17.3	7.4	0.6	22625	22	2	1		240	1
NK	N 60-G5	127.6	16.2	7.9	1.8	20500	23	17	20		213	18
SOUTHERN STATES	SS 661VT3	126.3	19.0	6.7	0.6	21000	24	15	26		212	20
GROWMARK FS	FS 6363XRR	124.8	19.9	6.3	0.6	20875	25	30	23	158	201	30
AUGUSTA	5262PLRR	123.3	19.6	6.4	0.0	22125	26	10	12		221	12
GROWMARK FS	FS 6474XRR	121.1	18.2	6.7	0.0	21875	27	24	19		209	23
TA SEEDS	TA 788-11	119.9	20.0	5.9	0.0	18125	28	9	10		223	10
AUGUSTA	5245CB	111.8	24.4	4.6	0.6	21125	29	21	28		207	25
SOUTHERN STATES	EXP. 95048	105.0	20.6	5.1	1.2	21375	30	29	24		203	29
Statistics	Avg.	131.1	19.1	7.0	0.6	21404						
	L.S.D.(.05)		1.70	1.5		1420.8						
	%C.V.	14.03	6.34	15.3	273.1	4.7						

Table 10. Dry Land Corn Hybrid Performance Summary
 Delaware State University Farm (Kent County) Smyrna, Delaware

Planted 05/02/07 & Harvested 09/12/07 - Medium/Medium-Late Hybrids							Performance Ranking for			Irrigated Pooled Sites		
Brand	Variety	Yield Bu/A.	% Moisture	Yield/ Moisture	% Stalk Lodging	Final Pop.	Kent County Dry Land	Magnolia Irrigated	Sussex County Irrigated	Kent Site 2-Year Avg. Bu/A.	Yield Avg. Bu/A.	Rank
AUGUSTA	A07-007	129.0	20.0	6.5	0.0	20625	1	3	5		235	4
ADLER	9050RRBT	126.3	24.0	5.3	0.6	20750	2	5	3		235	3
TA SEEDS	TA 780-01	120.1	20.2	5.9	2.3	21750	3	2	2		238	2
HYTEST	HT 7806	119.7	23.2	5.2	0.0	20250	4	21	18		208	19
ADLER	8140RRBT	118.8	23.8	5.0	0.0	22250	5	14	10		223	12
AUGUSTA	06-10HX	118.5	19.9	6.0	0.6	20875	6	17	20	158	208	20
ADLER	3545RRPT	109.7	16.9	6.5	3.0	20625	7	16	13		220	15
AUGUSTA	A07-08	109.7	23.2	4.7	1.1	22000	8	1	1		240	1
DOEBLER'S	660BWR	102.3	17.7	5.8	10.0	21000	9	19	19		213	18
TRISLER	T-8N52CB	101.6	19.9	5.1	5.7	21125	10	18	11		219	17
TRISLER	T-8A03PLRR	101.1	20.3	5.0	9.8	21250	11	6	8		231	8
AUGUSTA	A06-09HX	99.85	21.4	4.7	10.4	21625	12	10	12	147	224	11
TA SEEDS	TA 777-11	98.15	21.0	4.7	11.1	21875	13	11	14		223	13
DOEBLER'S	786BWR	96.55	20.5	4.7	24.4	21000	14	15	17		220	16
AUGUSTA	06-06	94.48	20.4	4.6	0.0	21625	15	12	7	141	226	9
AUGUSTA	06-02HX	93.08	25.2	3.7	0.0	21125	16	9	15	147	224	10
CLARK'S	CL 1015PLR	93.05	21.8	4.3	10.0	21625	17	4	9		231	6
AUGUSTA	A04-102CB	89.20	25.0	3.6	0.7	19125	18	13	16		220	14
NK	N 75-A4	88.90	20.0	4.5	3.0	21625	19	8	6		231	7
SOUTHERN STATES	SS 783RR2YGCB	73.67	17.0	3.3	0.0	21500	20	20	21		207	21
DOEBLER'S	856XRR	66.43	23.8	2.8	0.0	21125	21	7	4		233	5
Statistics	Avg.	102.7	21.2	4.9	4.4	21179						
	L.S.D.(.05)	24.6	3.70	1.2								
	%C.V.	16.78	12.4	18.0	291.2	5.2						

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