

Table 4. Barley Performance Summary
Kent County (Byfield Farms) Felton, Delaware

Planted 10/15/04 & Harvested 7/7/05							Performance Ranking for			2005 Pooled		
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	Kent County Rank	New Castle County Rank	Sussex County Rank	2 Year Average	Yield Avg. Bu/A.	State Rank
MD931048-38		132	41	5.0	36.5	05/02	1	6	9		119	2
THOROUGHbred		124	46	2.8	35.0	05/01	2	1	2	109	127	1
MD931046-93		120	38	3.8	33.0	04/30	3	2	4		118	3
MD931046-38		118	39	3.5	34.0	04/30	4	3	10		114	6
PRICE		117	47	5.0	30.3	05/01	5	11	1	100	114	7
BOONE		116	47	7.5	37.8	05/03	6	7	4	95	113	8
PA8649-95		116	38	2.5	36.0	05/08	7	4	6		115	5
PENNBAR 66		115	39	2.5	37.3	05/07	8	5	3	103	115	4
MD931043-25		109	39	7.5	30.0	04/30	9	13	12		103	11
PENNCO		100	42	3.3	36.0	05/02	10	12	7	92	105	10
NOMINI		97.5	44	3.5	36.8	04/29	11	8	8	97	106	9
CALLAO		93.0	43	5.5	30.8	04/30	12	10	14	89	99	12
DOYCE		89.0	56	5.5	28.0	05/02	13	14	11	74	91	14
CATCHPENNY		77.5	44	3.8	35.5	04/30	14	9	13	79	94	13

Statistics

Avg.	109.3	43	4.4	34.1
L.S.D.(.05)	11.8	1.7	1.2	2.5
%C.V.	7.3	2.8	19	5.2

¹1=All Plants Erect, 9=All Plants Lodged

³The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety

Table 5. Wheat Performance Summary
Kent County (Byfield Farms) Felton, Delaware

Planted 10/15/04 & Harvested 7/12/05							Performance Ranking for			2005 Pooled		
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	Kent County Rank	New Castle County Rank	Sussex County Rank	2 Year Average	Yield Avg. Bu/A.	State Rank
PUBLIC	SISSON (UN)	109	57	1.0	35.8	05/14	1	22	34	94	94	10
SOUTHERN STATES	SS 560 (R)	108	57	1.0	34.8	05/16	2	40	7	93	95	6
USG	USG3592 (GXT)	107	58	1.0	40.0	05/15	3	5	9	92	99	3
USG	USG 3209 (GXT)	105	57	1.0	34.8	05/13	4	3	12	94	99	2
GROWMARK FS	FSWX 300 (RT)	105	59	1.0	38.5	05/15	5	7	5		98	4
VIGORO	V 9510 (DXR)	104	57	1.0	36.8	05/15	6	1	10		99	1
SOUTHERN STATES	SS 550 (R)	102	57	1.0	35.8	05/16	7	19	37	95	92	18
GROWMARK FS	FS 621 (RT)	102	57	1.0	37.5	05/10	8	28	3	93	95	8
PUBLIC	MCCORMICK (UN)	102	59	1.0	35.3	05/15	9	13	26	90	94	12
PUBLIC	CHOPTANK (RT)	101	57	1.0	32.5	05/15	10	27	45	87	89	29
PIONEER	26R15 (D)	100	56	1.0	38.8	05/14	11	16	27		93	15
VIGORO	V 9412 (DXR)	99.2	59	1.0	38.3	05/14	12	14	14	92	94	11
VA-EXP	VA00W-526 (RT)	98.6	58	1.0	33.0	05/14	13	38	22		90	24
SOUTHERN STATES	SS 520 (R)	98.1	57	1.0	39.0	05/10	14	11	6	84	96	5
PUBLIC	BESS (UN)	98.1	60	1.0	38.5	05/14	15	15	38		91	22
AGS	2000 (UN)	98.0	57	1.0	38.8	05/11	16	10	21	88	93	14
SOUTHERN STATES	EXP 240438 (R)	98.0	57	1.0	34.8	05/13	17	12	33		92	17
PIONEER	25R54 (D)	96.7	56	1.0	38.3	05/16	18	6	32		93	16
GROWMARK FS	FSWX 301 (RT)	96.4	57	1.0	37.3	05/14	19	41	40		87	36
MD-EXP	MV5-46 (RT)	96.4	58	1.0	35.5	05/15	20	4	20	87	95	7
NK	COKER 9436 (D)	96.1	56	1.0	35.8	05/13	21	37	8	89	91	21
NK	COKER 9312 (D)	94.2	58	1.0	35.8	05/13	22	33	16	84	90	28
SOUTHERN STATES	SS 8302 (R)	94.2	58	1.0	37.5	05/15	23	2	15		95	9
NK	COKER 9184 (D)	94.1	59	1.0	36.5	05/16	24	36	23	93	89	31
PUBLIC	CECIL (UN)	93.8	57	1.0	40.8	05/17	25	34	41		87	37
NK	COKER 9663 (D)	92.3	58	1.0	41.8	05/15	26	26	11	90	91	23
USG	USG EXP-820 (G)	91.9	58	1.0	37.8	05/16	27	32	42		86	39
SOUTHERN STATES	SS MPV57 (R)	91.7	57	1.0	39.3	05/16	28	17	2		94	13
PUBLIC	ROANE (UN)	91.3	59	1.0	37.3	05/18	29	24	17		90	26
AGS	2485 (UN)	91.2	59	1.0	38.3	05/13	30	21	28	85	89	30

Table 5. Wheat Performance Summary
Kent County (Byfield Farms) Felton, Delaware

Planted 10/15/04 & Harvested 7/12/05							Performance Ranking for			2005 Pooled		
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	Kent County Rank	New Castle County Rank	Sussex County Rank	2 Year Average	Yield Avg. Bu/A.	State Rank
RENWOOD	3260 (GXT)	91.2	59	1.0	37.5	05/11	31	39	19	89	88	33
VA-EXP	VAN98W-342 (RT)	90.6	56	1.0	34.5	05/14	32	25	35	83	88	32
NK-EXP	B980582 (D)	89.6	58	1.0	38.5	05/11	33	31	31		87	35
NK	COKER 9295 (D)	89.2	57	1.0	36.0	05/16	34	42	25		86	38
USG	USG 3137 (GXT)	88.5	57	1.0	41.8	05/15	35	8	24	90	90	27
GA-EXP	951079-2E31 (R)	87.7	58	1.0	38.3	05/09	36	43	39		84	41
VIGORO	TRIBUTE (DXR)	87.4	60	1.0	35.0	05/14	37	18	4	88	91	20
UNISOUTH	USG 3706 (G-XT)	87.0	59	1.0	34.3	05/14	38	29	18	83	87	34
PUBLIC	PAT (R)	86.8	57	1.0	41.5	05/16	39	44	43	82	82	45
GROWMARK FS	FS 652 (RT)	86.4	56	1.0	34.8	05/16	40	23	1	84	92	19
VIGORO	V9512 (DXR)	85.4	57	1.0	40.5	05/15	41	9	13		90	25
GA-EXP	951216-2E26 (R)	85.1	57	1.0	35.8	05/11	42	45	46		80	46
PUBLIC	NEUSE (R)	84.5	59	1.0	34.3	05/18	43	35	44	83	83	43
PUBLIC	SABBE (R)	83.8	56	1.0	38.3	05/16	44	46	29	81	82	44
PUBLIC	TRUMAN (UN)	82.1	58	1.0	41.0	05/18	45	20	30		86	40
SOUTHERN STATES	SS 8309 (R)	80.5	56	1.0	39.0	05/19	46	30	36		83	42

Statistics

Avg.	94.3	58	1.0	37.3
L.S.D.(.05)	11.5	1.3		2.8
%C.V.	8.7	1.6	0.0	5.4

¹1=All Plants Erect, 9=All Plants Lodged

²R=Raxil, RT=Raxil + Thiram, D=DividendDXR + Dividend Extreme + Reldan 4E, GXT + Gaucho XT

³The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety