

Table 6. Barley Performance Summary  
Sussex County (Research & Education Center) Georgetown, Delaware

Planted 10/14/05 & Harvested 6/29/05						Performance Ranking for			2005 Pooled			
Brand	Variety	Yield Bu/A.	Test Weight	Plant Height (in.)	Heading Date	Sussex County Rank	Kent County Rank	New Castle County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
<b>PRICE</b>		<b>122</b>	48	30.0	04/29	1	5	11	104	83	114	7
<b>THOROUGHbred</b>		<b>122</b>	48	32.3	04/30	2	2	1	99	88	127	1
<b>PENNBAR 66</b>		<b>118</b>	39	35.8	05/02	3	8	5	101	87	115	4
<b>MD931046-93</b>		<b>115</b>	39	32.3	04/28	4	3	2			118	3
<b>BOONE</b>		<b>115</b>	49	37.3	05/01	4	6	7	97		113	8
<b>PA8649-95</b>		<b>114</b>	34	34.8	05/02	6	7	4			115	5
<b>PENNCO</b>		<b>114</b>	43	36.0	04/30	7	10	12	105		105	10
<b>NOMINI</b>		<b>113</b>	45	36.0	04/24	8	11	8	102		106	9
<b>MD931048-38</b>		<b>113</b>	43	32.0	04/29	9	1	6			119	2
MD931046-38		109	36	32.3	04/27	10	4	3			114	6
<b>DOYCE</b>		104	59	32.0	05/06	11	13	14	83	69	91	14
MD931043-25		103	41	27.5	05/05	12	9	13			103	11
<b>CATCHPENNY</b>		102	45	31.0	04/26	13	14	9	94		94	13
CALLAO		102	46	27.8	04/25	14	12	10	92	77	99	12

Statistics

Avg.	111.8	44	32.6
L.S.D.(.05)	10.8	7.9	
%C.V.	6.8	13	

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

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

Table 7. Wheat Performance Summary  
Sussex County (Research & Education Center) Georgetown, Delaware

Planted 10/14/04 & Harvested 7/14/05							Performance Ranking for			2005 Pooled			
Brand	Variety	Yield Bu/A.	Test Weight	Lodging <sup>1</sup>	Plant Height (in.)	hdate Date	Sussex County Rank	Kent County Rank	New Castle County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
<b>GROWMARK FS</b>	<b>FS 652 (RT)</b>	<b>97.4</b>	55	1.0	33.0	05/14	1	40	23	83		92	19
<b>SOUTHERN STATES</b>	<b>SS MPV57 (R)</b>	<b>96.6</b>	55	1.0	34.3	05/15	2	28	17			94	13
<b>GROWMARK FS</b>	<b>FS 621 (RT)</b>	<b>94.9</b>	56	1.0	36.0	05/10	3	8	28	79		95	8
<b>VIGORO</b>	<b>TRIBUTE (DXR)</b>	<b>94.6</b>	58	1.0	33.0	05/13	4	37	18	79	65	91	20
<b>GROWMARK FS</b>	<b>FSWX 300 (RT)</b>	<b>94.4</b>	57	1.0	34.5	05/13	5	5	7			98	4
<b>SOUTHERN STATES</b>	<b>SS 520 (R)</b>	<b>93.9</b>	56	1.0	36.5	05/10	6	14	11	73	61	96	5
<b>SOUTHERN STATES</b>	<b>SS 560 (R)</b>	<b>92.4</b>	55	1.0	33.3	05/14	7	2	40	79	66	95	6
<b>NK</b>	<b>COKER 9436 (D)</b>	<b>92.4</b>	54	1.0	34.0	05/16	8	21	37	77		91	21
<b>USG</b>	<b>USG3592 (GXT)</b>	<b>91.9</b>	57	1.0	37.3	05/13	9	3	5	79	65	99	3
<b>VIGORO</b>	<b>V 9510 (DXR)</b>	<b>91.8</b>	55	1.0	33.8	05/14	10	6	1			99	1
<b>NK</b>	<b>COKER 9663 (D)</b>	<b>91.7</b>	56	1.0	37.3	05/13	11	26	26	76	61	91	23
<b>USG</b>	<b>USG 3209 (GXT)</b>	<b>90.4</b>	56	1.0	31.8	05/12	12	4	3	76	63	99	2
VIGORO	V9512 (DXR)	89.7	56	1.0	37.8	05/13	13	41	9			90	25
VIGORO	V 9412 (DXR)	89.1	58	1.0	33.0	05/12	14	12	14	77		94	11
SOUTHERN STATES	SS 8302 (R)	89.0	56	1.0	35.0	05/14	15	23	2			95	9
NK	COKER 9312 (D)	88.9	57	1.0	31.8	05/11	16	22	33	77		90	28
PUBLIC	ROANE (UN)	88.4	58	1.0	35.0	05/15	17	29	24			90	26
UNISOUTH	USG 3706 (G-XT)	88.0	58	1.0	32.0	05/13	18	38	29	75		87	34
RENWOOD	3260 (GXT)	87.7	58	1.0	34.8	05/10	19	31	39	76		88	33
MD-EXP	MV5-46 (RT)	87.7	57	1.0	35.3	05/13	20	20	4	75	61	95	7
AGS	2000 (UN)	87.6	57	1.0	35.5	05/09	21	16	10	75	62	93	14
VA-EXP	VA00W-526 (RT)	87.3	56	1.0	32.0	05/13	22	13	38			90	24
NK	COKER 9184 (D)	86.3	57	1.0	34.5	05/15	23	24	36	77	63	89	31
USG	USG 3137 (GXT)	86.1	55	1.0	40.0	05/13	24	35	8	75		90	27
NK	COKER 9295 (D)	86.0	55	1.0	34.5	05/15	25	34	42			86	38
PUBLIC	MCCORMICK (UN)	85.6	58	1.0	33.3	05/14	26	9	13	76	63	94	12
PIONEER	26R15 (D)	85.6	55	1.0	35.5	05/13	27	11	16			93	15
AGS	2485 (UN)	85.0	57	1.0	37.5	05/11	28	30	21	74		89	30
PUBLIC	SABBE (R)	85.0	55	1.0	35.8	05/15	29	44	46	71	59	82	44
PUBLIC	TRUMAN (UN)	84.8	56	1.0	37.5	05/16	30	45	20			86	40

Table 7. Wheat Performance Summary  
Sussex County (Research & Education Center) Georgetown, Delaware

Planted 10/14/04 & Harvested 7/14/05							Performance Ranking for			2005 Pooled			
Brand	Variety	Yield Bu/A.	Test Weight	Lodging <sup>1</sup>	Plant Height (in.)	hdate Date	Sussex County Rank	Kent County Rank	New Castle County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
NK-EXP	B980582 (D)	84.7	58	1.0	34.8	05/09	31	33	31			87	35
PIONEER	25R54 (D)	84.5	55	1.0	34.3	05/14	32	18	6			93	16
SOUTHERN STATES	EXP 240438 (R)	83.9	57	1.0	31.5	05/13	33	17	12			92	17
PUBLIC	SISSON (UN)	83.7	55	1.0	32.0	05/11	34	1	22	73	61	94	10
VA-EXP	VAN98W-342 (RT)	83.1	53	1.0	30.8	05/12	35	32	25	75		88	32
SOUTHERN STATES	SS 8309 (R)	82.6	55	1.0	34.5	05/15	36	46	30			83	42
SOUTHERN STATES	SS 550 (R)	82.1	55	1.0	34.3	05/14	37	7	19	71	55	92	18
PUBLIC	BESS (UN)	81.8	57	1.0	35.5	05/13	38	15	15			91	22
GA-EXP	951079-2E31 (R)	81.1	57	1.0	35.3	05/08	39	36	43			84	41
GROWMARK FS	FSWX 301 (RT)	81.1	56	1.0	33.5	05/13	40	19	41			87	36
PUBLIC	CECIL (UN)	80.4	55	1.0	37.3	05/16	41	25	34			87	37
USG	USG EXP-820 (G)	80.1	57	1.0	35.8	05/14	42	27	32			86	39
PUBLIC	PAT (R)	79.3	55	1.0	37.0	05/17	43	39	44	70	58	82	45
PUBLIC	NEUSE (R)	79.1	57	1.0	34.3	05/16	44	43	35	68		83	43
PUBLIC	CHOPTANK (RT)	78.2	56	1.0	29.8	05/13	45	10	27	68	59	89	29
GA-EXP	951216-2E26 (R)	74.2	56	1.0	34.5	05/11	46	42	45			80	46

Statistics

Avg.	86.7	56	1.0	34.6
L.S.D.(.05)	7.2	0.8		
%C.V.	6.0	1.0		

<sup>1</sup>1=All Plants Erect, 9=All Plants Lodged

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

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