

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

Planted 11/01/07 & Harvested 6/10/08						Performance Ranking for			2008 Pooled			
Brand	Variety	Yield Bu/A.	Lodging <sup>1</sup>	Plant Height (in.)	Heading Date	Sussex County Rank	High Organic Soil Rank	New Castle County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
<b>PA EXP.</b>	<b>PA 8649-95</b>	<b>123.7</b>	4.3	42	04/27	1	2	3	118	127	123	1
<b>PUBLIC</b>	<b>PENNBAR 66</b>	<b>116.7</b>	2.3	42	04/28	2	4	4	108	114	118	3
PUBLIC	PRICE	103.7	5.3	34	04/24	3	3	2	99	108	116	4
PUBLIC	NOMINI	103.3	2.0	43	04/18	4	6	6			109	5
PUBLIC	PENNCO	96.4	2.5	44	04/23	5	5	5			108	6
PUBLIC	THOROUGHbred	96.1	5.0	35	04/25	6	1	1	100	110	123	2
PA EXP.	PA 9550-151	93.0	4.8	44	04/26	7	7	9			99	7
PUBLIC	EVE	84.5	2.5	40	04/24	8	8	7	82	89	93	8
PUBLIC	DOYCE	60.3	6.0	36	04/30	9	9	8	72	83	81	9

Statistics

Avg.	97.5	3.8	40
L.S.D.(.05)	9.9	1.4	3
%C.V.	7.0	25	5

<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 11/01/07 & Harvested 6/26/08							Performance Ranking for			2008 Pooled			
Brand	Variety	Yield Bu/A.	Test Weight	Lodging <sup>1</sup>	Plant Height (in.)	Heading Date	Sussex County Rank	High Organic Soil Rank	New Castle County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
<b>VIGORO</b>	<b>V-9713</b>	<b>99.7</b>	57	1.0	37	05/05	1	8	19	94		101	3
<b>AGRIPRO</b>	<b>COOPER</b>	<b>98.9</b>	57	1.0	38	05/05	2	32	26	93	93	97	18
<b>UNISOUTH</b>	<b>USG-3555</b>	<b>98.5</b>	57	1.0	34	05/01	3	23	7			100	5
<b>SOUTHERN STATES</b>	<b>SS-548</b>	<b>97.5</b>	57	1.3	39	05/03	4	6	15			101	4
<b>UNISOUTH</b>	<b>USG-3665</b>	<b>96.5</b>	57	1.0	39	05/04	5	1	17	93	97	103	1
<b>PIONEER</b>	<b>P25R62</b>	<b>95.6</b>	54	1.0	38	05/04	6	4	27			99	7
<b>SOUTHERN STATES</b>	<b>SS-MPV57</b>	<b>95.6</b>	57	1.3	38	05/03	7	14	29	95	94	98	15
<b>GROWMARK</b>	<b>FS-627</b>	<b>94.9</b>	57	1.3	37	05/03	8	18	9	95	92	99	6
<b>VIGORO</b>	<b>DOMINION</b>	<b>93.0</b>	57	1.0	36	05/04	9	35	31	91	92	94	27
<b>SOUTHERN STATES</b>	<b>SS-560</b>	<b>92.6</b>	56	1.3	35	09/02	10	3	32	90	86	99	11
<b>PUBLIC</b>	<b>CHESAPEAKE</b>	<b>92.1</b>	58	1.0	36	05/02	11	19	14	90	91	98	14
<b>VA EXP.</b>	<b>VA03W-409</b>	<b>91.7</b>	56	1.0	36	05/10	12	2	6			102	2
<b>PIONEER</b>	<b>P26R15</b>	<b>91.6</b>	57	1.0	39	05/04	13	11	23	91	91	97	17
<b>SOUTHERN STATES</b>	<b>SS-520</b>	<b>91.1</b>	57	1.3	40	04/27	14	22	5	92	91	99	12
<b>AGRIPRO</b>	<b>BRANSON</b>	<b>90.2</b>	57	1.0	36	05/01	15	20	11	89	87	98	16
PUBLIC	MCCORMICK	89.8	59	1.0	35	05/04	16	30	33	87	87	93	28
GROWMARK FS	FS-300	89.5	58	1.3	37	05/02	17	25	16	88	90	96	21
AG SOUTH	AGS 2031	89.4	58	1.0	34	05/01	18	7	25			97	19
PIONEER	P25R56	88.9	56	1.0	37	05/04	19	5	13			98	13
AG SOUTH	AGS 2026	88.7	58	1.8	35	04/28	20	17	2			99	10
PUBLIC	JAMESTOWN	88.4	60	1.0	35	04/28	21	31	30	90		93	29
VIGORO	OGLETHORPE	88.2	58	1.3	36	04/28	22	21	1	96		99	8
SOUTHERN STATES	SS-8302	88.1	58	1.3	38	05/05	23	10	21	88	89	97	20
VA EXP.	VA03W-434	87.7	56	1.0	33	05/04	24	24	40			91	34
SOUTHERN STATES	SS-8404	87.1	60	1.0	34	05/04	25	26	37	88	89	92	31
SOUTHERN STATES	SS-8641	87.0	57	1.3	38	05/04	26	15	20			96	22
GROWMARK FS	FS-621	86.8	59	1.0	39	04/27	27	12	3	89	90	99	9
SOUTHERN STATES	SS-8309	86.7	57	1.0	40	05/05	28	13	35	83	87	94	26
VA EXP.	VA01W-205	86.4	59	1.0	34	05/02	29	33	24			93	30

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Brand	Variety	Yield Bu/A.	Test Weight	Lodging <sup>1</sup>	Plant Height (in.)	Heading Date	Sussex County Rank	High Organic Soil Rank	New Castle County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
UNISOUTH	USG-3342	85.0	58	1.0	34	05/01	30	9	22	84		95	23
VIGORO	V-9510	84.9	56	1.3	37	05/03	31	28	12	85	89	95	24
UNISOUTH	USG-3209	83.7	56	1.8	35	05/02	32	29	8	83	87	95	25
UNISOUTH	USG-3592	82.7	58	1.3	39	05/05	33	34	34	86	89	90	35
AGRIPRO	COKER 9553	80.9	57	1.0	39	04/30	34	37	10	82	85	92	32
PUBLIC	NC-NEUSE	80.3	59	1.0	37	05/07	35	38	38			87	38
PUBLIC	ROANE	79.5	59	1.0	39	05/09	36	40	28			86	40
PUBLIC	ROBERTS	79.3	57	2.0	36	04/28	37	36	39			87	37
UNISOUTH	USG-3806	78.0	56	1.0	38	05/07	38	27	18			92	33
AG SOUTH	AGS 2010	77.3	60	1.5	38	04/25	39	39	36	81	82	87	39
PUBLIC	SISSON	76.4	57	1.5	34	05/01	40	16	41			88	36
AGRIPRO	W1377	70.2	58	1.0	39	05/06	41	41	4			86	41

Statistics

Avg.	88.1	57	1.1	37
L.S.D.(.05)	9.9	1.2	0.4	2
%C.V.	8.0	1.5	27	4

<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