

Table 4. Barley Performance Summary
High Organic Matter Soil (Murray Farms - Sussex County) Selbyville, Delaware

Planted 11/04/07 & Harvested 6/25/08							Performance Ranking for			2008 Pooled	
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	High Organic Soil Rank	New Castle County Rank	Sussex County Rank	Yield Avg. Bu/A.	State Rank
PUBLIC	THOROUGHbred	127.9	43	4.0	42	04/26	1	1	6	123	2
PA EXP.	PA 8649-95	125.3	40	2.8	43	04/28	2	3	1	123	1
PUBLIC	PRICE	121.6	44	4.3	39	04/25	3	2	3	116	4
PUBLIC	PENNBAR 66	118.5	39	2.5	43	04/30	4	4	2	118	3
PUBLIC	PENNCO	116.2	41	3.8	47	04/27	5	5	5	108	6
PUBLIC	NOMINI	113.2	42	2.5	45	04/21	6	6	4	109	5
PA EXP.	PA 9550-151	104.5	41	3.3	50	04/27	7	9	7	99	7
PUBLIC	EVE	89.4	57	3.5	43	04/23	8	7	8	93	8
PUBLIC	DOYCE	79.4	47	5.3	42	05/01	9	8	9	81	9

Statistics

Avg.	110.7	44	3.5	44
L.S.D.(.05)	14.7	1.8	1.1	3
%C.V.	9.1	2.8	22	5

¹1=All Plants Erect, 9=All Plants Lodged

²The 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
 High Organic Matter Soil (Murray Farms - Sussex County) Selbyville, Delaware

Planted 11/04/07 & Harvested 6/25/08							Performance Ranking for			2008 Pooled	
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	High Organic Soil Rank	New Castle County Rank	Sussex County Rank	Yield Avg. Bu/A.	State Rank
UNISOUTH	USG-3665	116.6	58	1.0	45	05/08	1	17	5	103	1
VA EXP.	VA03W-409	115.6	57	1.0	39	05/12	2	6	12	102	2
SOUTHERN STATES	SS-560	114.4	57	1.0	41	05/07	3	32	10	99	11
PIONEER	P25R62	111.1	56	1.0	40	05/07	4	27	6	99	7
PIONEER	P25R56	110.2	57	1.0	42	05/09	5	13	19	98	13
SOUTHERN STATES	SS-548	110.0	58	1.0	42	05/07	6	15	4	101	4
AG SOUTH	AGS 2031	109.5	59	1.0	39	05/07	7	25	18	97	19
VIGORO	V-9713	108.9	58	1.0	41	05/08	8	19	1	101	3
UNISOUTH	USG-3342	108.5	58	1.0	36	05/04	9	22	30	95	23
SOUTHERN STATES	SS-8302	108.0	58	1.0	44	05/08	10	21	23	97	20
PIONEER	P26R15	108.0	57	1.0	42	05/06	11	23	13	97	17
GROWMARK FS	FS-621	108.0	58	1.0	42	05/02	12	3	27	99	9
SOUTHERN STATES	SS-8309	107.8	57	1.0	44	05/08	13	35	28	94	26
SOUTHERN STATES	SS-MPV57	107.0	57	0.8	43	05/07	14	29	7	98	15
SOUTHERN STATES	SS-8641	107.0	58	1.0	44	05/10	15	20	26	96	22
PUBLIC	SISSON	106.2	57	1.0	39	05/05	16	41	40	88	36
AG SOUTH	AGS 2026	105.6	59	1.0	40	05/04	17	2	20	99	10
GROWMARK	FS-627	105.4	57	1.0	42	05/05	18	9	8	99	6
PUBLIC	CHESAPEAKE	105.4	59	1.0	42	05/09	19	14	11	98	14
AGRIPRO	BRANSON	105.2	57	1.0	39	05/05	20	11	15	98	16
VIGORO	OGLETHORPE	104.7	59	1.0	38	05/05	21	1	22	99	8
SOUTHERN STATES	SS-520	104.6	58	1.0	41	05/01	22	5	14	99	12
UNISOUTH	USG-3555	104.5	57	1.0	38	05/04	23	7	3	100	5
VA EXP.	VA03W-434	104.2	56	1.0	30	05/08	24	40	24	91	34
GROWMARK FS	FS-300	104.1	59	1.0	42	05/05	25	16	17	96	21
SOUTHERN STATES	SS-8404	104.0	59	1.0	39	05/08	26	37	25	92	31
UNISOUTH	USG-3806	102.4	56	1.0	42	05/09	27	18	38	92	33
VIGORO	V-9510	102.1	57	1.0	41	05/07	28	12	31	95	24
UNISOUTH	USG-3209	102.0	57	1.0	41	05/08	29	8	32	95	25

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PUBLIC	MCCORMICK	101.6	60	1.0	40	05/08	30	33	16	93	28
PUBLIC	JAMESTOWN	100.9	60	1.0	39	05/05	31	30	21	93	29
AGRIPRO	COOPER	100.4	58	1.0	41	05/09	32	26	2	97	18
VA EXP.	VA01W-205	99.2	60	1.0	38	05/07	33	24	29	93	30
UNISOUTH	USG-3592	99.1	59	1.0	46	05/11	34	34	33	90	35
VIGORO	DOMINION	98.5	58	1.0	38	05/08	35	31	9	94	27
PUBLIC	ROBERTS	98.3	58	1.0	40	05/05	36	39	37	87	37
AGRIPRO	COKER 9553	98.2	60	1.0	40	05/04	37	10	34	92	32
PUBLIC	NC-NEUSE	96.8	60	1.0	41	05/11	38	38	35	87	38
AG SOUTH	AGS 2010	95.7	57	1.0	39	05/06	39	36	39	87	39
PUBLIC	ROANE	88.6	59	1.0	40	05/14	40	28	36	86	40
AGRIPRO	W1377	85.6	60	1.0	42	05/12	41	4	41	86	41

Statistics

Avg.	104.2	58	1.0	40
L.S.D.(.05)	12.6	1.2		4
%C.V.	8.6	1.4	7.9	7

¹1=All Plants Erect, 9=All Plants Lodged

²The bold text and darker shading indicate that the yield of the variety is not statistically different from the top yielding variety