

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

Planted 10/23/12 & Harvested 6/24/13						Performance Ranking for						2013 Pooled	
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Sussex County Rank	Kent County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank		
PUBLIC	THROUGHBRED	108.1	37	3.0	33	1	4	108	105	97	1		
VA EXP	VA08B-85	106.8	40	2.5	31	2	3			96	2		
VA EXP	VA08B-109	105.1	42	2.8	33	3	7			91	6		
PUBLIC	ATLANTIC	101.5	40	2.5	35	4	6	110	104	91	5		
GROWMARK	FS950	101.3	38	3.0	33	5	2	101	109	95	3		
MD EXP	MD08-09BF6-7-7	100.2	34	3.0	35	6	5			92	4		
PUBLIC	PRICE	95.7	42	2.5	30	7	9	108	106	84	8		
PUBLIC	NOMINI	91.5	41	2.3	43	8	1	102	102	91	7		
GROWMARK	FS501	90.6	41	2.5	40	9	10	89	90	74	10		
VA EXP	VA07H-31WS	88.9	58	2.5	40	10	8			82	9		
Statistics	Avg.	99.0	41	2.7	35								
	L.S.D.(.05)	11.9	2.8										
	%C.V.	8.3	4.7	25	26								

¹ 1=All Plants Erect, 9=All Plants Flat On The Ground

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

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

Planted 10/23/12 & Harvested 7/5/13						Performance Ranking for						2013 Pooled	
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Sussex County Rank	New Castle County Rank	High Organic Soil Rank	Kent County Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
MERCER	11-V258	85.9	57	1.0	41	1	47	10	5	103	103	81	4
UNISOUTH	USG3315	84.5	59	1.0	37	2	15	24	4	101	104	83	1
SYNGENTA	HARRISON	82.8	59	1.0	38	3	14	46	17	95		79	17
UNISOUTH	USG3201	80.9	58	1.0	37	4	7	7	51	98	99	81	9
AGRIMAXX	434	80.7	55	1.0	33	5	20	2	15			83	2
AGRIMAXX	427	80.3	55	1.0	37	6	23	15	18			80	11
UNISOUTH	USG3555	80.1	57	1.0	33	7	29	44	23	102	99	77	32
VA TECH EXP	VA09W-73	79.9	58	1.0	36	8	42	41	20			77	37
DYNA-GRO	YORKTOWN	79.9	57	1.0	36	9	16	47	13	96		78	23
UNISOUTH	USG3209	79.7	57	1.0	35	10	37	54	29	97	91	73	46
AGRIMAXX	438	79.3	56	1.0	36	11	28	28	34			78	26
GROWMARK	815	79.3	55	1.0	37	12	36	32	30	95		78	30
GROWMARK	888	79.3	59	1.0	38	13	24	21	6	96	98	81	6
UNISOUTH	USG3770	79.1	56	1.0	38	14	6	22	11			82	3
UNISOUTH	USG3523	78.7	56	1.0	36	15	12	38	27			79	19
AGRIMAXX	415	78.6	59	1.0	36	16	11	25	33			79	16
DYNA-GRO	SHIRLEY	78.5	54	1.0	35	17	51	51	22	106	106	72	49
OHIO	TIGER	78.5	59	1.0	37	18	22	30	38			78	28
UNISOUTH	USG3612	78.3	56	1.0	37	19	30	16	16			80	15
MID-ATLANTIC	MAS23	78.2	55	1.0	33	20	13	8	25			81	7
AGRIMAXX	413	77.8	55	1.0	34	21	25	42	9			78	22

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PUBLIC	CHESAPEAKE	77.4	58	1.0	37	22	33	50	12	92	92	76	42
SOUTHERN STATES	SS520	76.5	55	1.0	38	23	8	45	1	91	96	80	13
MID-ATLANTIC	MAS7	76.3	55	1.0	37	24	21	17	8			80	14
UNISOUTH	USG3404	76.2	55	1.0	37	25	18	1	41			81	8
SOUTHERN STATES	SS8302	76.2	58	1.0	39	26	35	12	53	87	85	76	39
SOUTHERN STATES	SS5205	76.0	59	1.0	34	27	34	33	21	96	97	77	33
DYNA-GRO	9012	75.9	59	1.0	36	28	1	40	39	98	96	78	29
SOUTHERN STATES	SS8404	75.7	59	1.0	34	29	50	34	52	94	94	72	50
UNISOUTH	USG3409	75.4	57	1.0	37	30	54	39	45	100	99	70	52
UM EXP	MD04W-249-11-7	75.0	60	1.0	38	31	5	5	26			81	5
MID-ATLANTIC	MAS4	74.7	58	1.0	37	32	10	13	50			79	20
MERCER	12-V251	74.7	57	1.0	34	33	32	9	2	96		81	10
SOUTHERN STATES	SS8500	74.6	57	1.0	40	34	48	20	37	93	94	76	43
PUBLIC	JAMESTOWN	74.6	60	1.0	34	35	31	37	10			77	34
SOUTHERN STATES	SSEXP412	74.5	56	1.0	35	36	49	53	32			71	51
MERCER	12-W296	74.3	56	1.0	39	37	39	26	14			77	36
SOUTHERN STATES	SS8340	74.3	59	1.0	35	38	3	23	46	102	102	79	18
DYNA-GRO	9223	73.8	56	1.0	38	39	43	11	19			78	31
MID-ATLANTIC	MAS26	73.6	56	1.0	41	40	26	19	42			77	35
SOUTHERN STATES	SS8350	73.6	56	1.0	34	41	40	18	44	85		76	41
SYNGENTA	SY1526	73.3	57	1.0	39	42	4	48	31			76	40

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MERCER	12-W270	73.0	57	1.0	41	43	17	6	48			78	21
GA EXP	GA04570-10E46	72.8	58	1.0	34	44	53	55	55			62	55
SYNGENTA	OAKES	72.8	54	1.0	36	45	19	3	24	92	89	80	12
UNISOUTH	USG3993	72.6	57	1.0	38	46	2	27	49			78	27
PUBLIC	MERL	72.6	59	1.0	36	47	52	49	28	92	96	70	53
VA TECH EXP	VA07W-415	72.3	55	1.0	37	48	46	14	3	98		78	24
MID-ATLANTIC	MAS2	72.1	58	1.0	40	49	44	43	47			73	47
SYNGENTA	SY438	72.0	54	1.0	35	50	41	31	36			75	44
GROWMARK	820	70.7	58	1.0	36	51	9	35	40	89		77	38
GA EXP	GA03257-10LE34	68.7	57	1.0	38	52	55	52	54			64	54
DYNA-GRO	9171	67.9	55	1.0	33	53	38	4	7	97		78	25
MID-ATLANTIC	MAS6	66.8	54	1.0	32	54	27	36	35			74	45
OHIO	LION	66.6	56	1.0	40	55	45	29	43			73	48
Statistics	Avg.	76.0	57	1.0	36								
	L.S.D.(.05)	5.8	1.0		3								
	%C.V.	5.5	1.3	0.0	5								

¹ 1=All Plants Erect, 9=All Plants Flat On The Ground

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