

Table . Wheat Performance Summary
 Baker Farms (Marl Pit Road Research Plots) Middletown, Delaware

Planted 10/12/11 & Harvested 6/19/12							Performance Ranking for						2012 Pooled	
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	New Castle County Rank	Sussex County Rank	Kent County Rank	High Organic Soil Rank	2 Year Average	3 Year Average	Yield Avg. Bu/A.	State Rank
UNISOUTH	USG3209	113.3	56	1.0	33	05/04	1	19	41	37	98	91	97	13
UNISOUTH	USG3555	105.6	54	1.0	35	04/29	2	4	13	45	106	98	98	8
EXPERIMENTAL	VA05W-151	102.2	55	1.0	34	04/23	3	20	7	8			101	5
UNISOUTH	USG3612	101.7	54	1.3	36	04/25	4	9	9	3			103	2
UNISOUTH	USG3665	100.9	56	1.0	36	04/22	5	6	25	21	93	84	99	7
DYNAGRO	SHIRLEY	99.9	54	1.0	33	04/29	6	1	1	1	97	91	111	1
SOUTHERN STATES	SS8404	99.5	57	1.0	33	04/21	7	22	39	34	92	85	93	26
GROWMARK	FSX825	98.0	55	1.0	38	04/29	8	38	14	36			92	32
MERCER BRAND	12V51	97.6	55	1.0	30	04/21	9	13	24	25			96	16
PUBLIC	MERL	96.6	57	1.0	37	04/26	10	24	15	49	90		92	34
UNISOUTH	USG3409	96.5	55	1.0	39	04/24	11	5	16	7	98	90	101	4
UNISOUTH	USG3244	96.3	54	1.0	39	04/27	12	15	47	33			92	31
DYNAGRO	9012	95.4	56	1.0	35	04/28	13	11	37	11	98	91	97	10
SOUTHERN STATES	SS8500	94.7	54	1.0	41	04/28	14	23	48	17	93		93	25
SYNGENTA	SYHARRISON	94.6	54	1.0	36	04/29	15	37	10	13			95	20
UNISOUTH	USG3315	94.1	56	1.0	41	04/23	16	12	22	23	97	93	96	17
GROWMARK	FSX815	94.0	55	1.0	35	04/26	17	27	12	5			98	9
MERCER BRAND	VA258	93.9	55	1.0	36	04/24	18	10	8	2	94	89	102	3
GREAT HEART	GHT940	93.5	56	1.0	35	04/29	19	26	36	20			93	27
GROWMARK	FSX820	93.3	57	1.0	34	04/29	20	34	17	6			96	15
EXPERIMENTAL	VA08W-294	93.1	55	1.0	36	04/22	21	25	4	16			96	14
PUBLIC	JAMESTOWN	93.0	58	1.0	34	05/11	22	30	11	35			93	30
OH EXP.	OH04-264-58	92.8	54	1.3	34	05/06	23	52	54	51			83	51
SOUTHERN STATES	SS520	92.2	55	1.0	36	05/18	24	41	18	31			91	37
GROWMARK	FS621	92.1	56	1.3	37	05/18	25	32	6	29	96	92	94	21
SYNGENTA	OAKES	91.9	57	1.3	39	04/27	26	28	28	9	95	92	95	19
GROWMARK	FSX830	91.6	55	1.0	35	04/28	27	31	30	19			93	29

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SYNGENTA	W1566	91.0	55	1.0	42	05/05	28	40	5	24	95	90	93	24
DYNAGRO	9922	90.7	55	1.0	36	04/28	29	14	42	26	89	87	93	28
UNISOUTH	USG3201	90.2	55	1.0	35	04/28	30	18	20	30	92	86	94	23
DYNAGRO	9171	90.0	53	1.0	31	04/26	31	3	44	10			97	11
SOUTHERN STATES	SS5205	89.7	56	1.0	33	04/25	32	17	51	38	96	88	89	41
PUBLIC	CHESAPEAKE	89.7	56	1.5	37	04/25	33	39	23	27	83	84	91	38
AGRIPRO	BRANSON	89.4	55	1.5	35	04/27	34	33	52	22	87	82	90	40
EXPERIMENTAL	VA06W-412	89.4	56	1.0	33	04/22	35	8	31	4			99	6
SOUTHERN STATES	SS8340	89.3	56	1.0	34	04/29	36	2	21	41	93		95	18
GREAT HEART	GHT933	89.0	52	1.0	35	04/27	37	44	26	14			92	33
SYNGENTA	SY9978	88.8	56	1.0	40	04/28	38	42	29	39	82		89	42
GROWMARK	FS888	87.8	56	1.0	38	04/24	39	21	3	32	88	87	94	22
PUBLIC	TRUMAN	86.1	56	1.0	39	04/28	40	46	32	48	95	87	86	45
GROWMARK	FSX835	86.0	54	1.0	36	05/05	41	47	33	15			91	39
SOUTHERN STATES	SS560	85.4	53	1.0	34	04/27	42	16	35	28	91	83	92	35
SOUTHERN STATES	SS8302	85.1	57	1.0	38	04/27	43	50	38	53	80	74	83	49
PUBLIC	BESS	85.0	55	1.3	38	04/25	44	43	43	44	94		86	46
GREAT HEART	GHT908	84.7	55	1.0	34	04/24	45	45	55	18			88	43
EXPERIMENTAL	VA07W-415	83.4	55	1.0	38	04/21	46	7	2				97	12
PUBLIC	MILTON	83.3	55	1.3	41	05/08	47	54	50	52	86	82	81	53
GREAT HEART	GHT931	83.0	55	1.0	32	04/26	48	35	27	12			92	36
PUBLIC	CAPE FEAR	82.9	56	1.3	38	05/18	49	29	46	43			87	44
AGRIPRO	SY1526	80.6	55	1.0	40	04/27	50	36	40	47			85	48
EXPERIMENTAL	MD03W-665-09-1	79.3	57	1.0	35	04/28	51	48	34	40			86	47
PUBLIC	SUNBURST	79.1	58	1.0	31	05/07	52	49	53	46	82	78	81	52
PUBLIC	MALABAR	73.3	55	1.0	36	05/11	53	55	45	50	82	78	75	55
PUBLIC	BROOMFIELD	72.4	56	1.0	39	05/07	54	53	49	42	84		80	54

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Statistics	Avg.	91.0	55	1.1	36									
	L.S.D.(.05)	9.2	0.8		3									
	%C.V.	7.1	1.1	23	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

Table . Preliminary Barley Performance Summary
Baker Farms (Marl Pit Road Research Plots) Middletown, Delaware

Planted 10/12/11 & Harvested 6/15/12							Performance Ranking for		2012 Pooled	
Brand	Variety	Yield Bu/A.	Test Weight	Lodging ¹	Plant Height (in.)	Heading Date	New Castle County Rank	Sussex County Rank	Yield Avg. Bu/A.	State Rank
PUBLIC	THOROUGHbred	127.1	44	3.7	32	04/15	1	4	118	2
PUBLIC	ATLANTIC	118.3	46	4.3	28	04/09	2	2	119	1
PUBLIC	NOMINI	109.5	44	4.0	32	04/09	3	3	111	4
PUBLIC	PRICE	105.6	46	5.7	28	04/12	4	1	113	3
GROWMARK	FS950	103.3	41	3.7	33	04/17	5	7	102	5
GROWMARK	FS501	98.3	43	4.7	33	04/15	6	10	93	8
UM EXP.	MD02B27-08-16H	95.6	44	3.7	30	04/09	7	5	100	6
PRIVATE	ENDEAVOR	93.5	42	3.0	28	04/13	8	6	98	7
PRIVATE	812	82.7	40	3.3	28	04/15	9	7	91	9
UM EXP.	MD02B27-08-10H	74.0	52	4.0	33	04/10	10	9	83	10
PRIVATE	MAJA	67.8	37	3.3	29	04/14	11	12	54	12
PRIVATE	SUNSTAR DOUBLE	64.5	34	1.0	31	04/21	12	11	65	11
PRIVATE	SUNSTAR PRIDE	51.5	38	1.0	28	04/17	13	13	41	13
Statistics	Avg.	91.6	42	3.5	30					
	L.S.D.(.05)	11.6	1.2	1.5	4					
	%C.V.	7.5	1.6	26	8					

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

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