

ADVANCED NURSERY EVALUATION
FOR SOFT WHEAT MILLING AND BAKING QUALITY
2007 CROP

STEPHEN HARRISON
UNIFORM SOUTHERN NURSERY
COASTAL REGION

STD = #722503, PION. 26R61

LAB	ENTRY	MILLING	BAKING	SOFT.	MICRO	FLOUR	SOFT.	FLOUR	LACTIC	SUCROSE	COOKIE	TOP			
NO.		QUALITY	QUALITY	EQUIV.	T.W.	YIELD	EQUIV.	PROT.	ACID	SRC	DIAM.	GR.			
		SCORE	SCORE	SCORE	LB/BU	%	%	%	SRC	%	CM.				
****	STD= #722503, PION. 26R61	69.3	C	52.2	D	64.6	C	63.2	69.1	51.4	9.85	105.1	92.01	17.27	2
722501	1 AGS 2000	83.9	A	72.2	B	72.8	B	63.3	72.0	54.3	9.08	105.1	90.99	17.87	3
722502	2 USG 3209	66.9	C	49.5	E	62.1	C	62.0	68.6	50.5	8.91	109.3	98.80	17.19	3
722503	3 Pioneer 26R61	69.3	C	52.2	D	64.6	C	63.2	69.1	51.4	9.85	105.1	92.01	17.27	2
722504	4 McCormick	67.5	C	66.5	C	86.5	A	61.9	* 68.8	59.0	9.28	113.1	93.60	17.70	5
722505	5 AR96077-10-1	69.0	C	70.9	B	73.8	B	61.6	* 69.1	54.6	9.26	120.6	90.68	17.83	5
722506	6 ARTX5406	66.6	C	65.9	C	68.6	C	63.4	68.6	52.8	9.03	94.0	90.13	17.68	4
722507	7 VA01W-205	72.0	B	95.2	A	81.6	A	63.1	69.7	57.3	9.09	113.6	86.14	18.56	6
722508	8 VA02W-713	66.5	C	80.2	A	83.1	A	63.0	68.6	57.8	8.95	97.1	94.61	18.11	5
722509	9 TN601	75.0	B	72.5	B	69.4	C	62.2	70.3	53.1	9.49	124.7	92.72	17.88	4
722510	10 MD00-72-5064	60.0	D	55.5	D	77.9	B	62.4	67.3	Q 56.0	9.73	131.4	97.24	17.37	2
722511	11 APCK B02-8443	61.7	C	72.2	B	79.9	B	60.9	* 67.6	Q 56.7	9.11	109.7	92.78	17.87	4
722512	12 TN701	58.1	D	65.2	C	68.0	C	62.2	66.9	Q 52.6	9.77	127.0	92.70	17.66	2
722513	13 NC03-6228	61.5	C	56.2	D	65.7	C	62.8	67.6	Q 51.7	9.59	121.0	99.23	17.39	1
722514	14 NC03-5921	60.0	C	74.2	B	59.6	D	62.6	67.3	Q 49.6	9.73	110.3	90.96	17.93	5
722515	15 NC03-8026	72.0	B	71.2	B	71.2	B	61.9	69.7	53.7	9.05	105.2	95.20	17.84	4
722516	16 NC03-11158	65.8	C	73.9	B	77.1	B	60.5	Q 68.4	55.8	9.43	97.2	90.44	17.92	2
722517	17 0128A1-22	64.8	C	76.9	B	76.0	B	59.6	Q 68.2	* 55.4	9.44	95.7	86.83	18.01	5
722518	18 011010A1-15	62.4	C	77.5	B	72.5	B	60.7	* 67.7	* 54.1	9.55	110.7	89.38	18.03	2
722519	19 VA04W-259	69.2	C	63.2	C	63.5	C	62.1	69.1	51.0	10.15	110.2	92.44	17.60	2
722520	20 VA03W-434	65.2	C	79.9	B	72.9	B	61.4	* 68.3	* 54.3	9.46	107.8	88.52	18.10	5
722521	21 LA99005UC-31-3-C	81.4	A	71.9	B	78.3	B	62.1	71.5	56.2	8.70	108.9	89.10	17.86	5
722522	22 LA98214D-14-1-2-B	77.5	B	74.5	B	70.2	B	62.4	70.8	53.3	9.01	115.6	94.79	17.94	4
722523	23 LA98149BUB-3-4-B	75.0	B	50.9	D	69.8	C	62.3	70.3	53.2	9.54	130.0	93.58	17.23	2
722524	24 LA978UC-36-1-1-B	62.6	C	45.9	E	76.2	B	61.7	* 67.8	* 55.4	9.34	123.2	101.76	17.08	1
722525	25 MO011126	84.6	A	72.2	B	73.4	B	62.3	72.2	54.4	9.77	117.9	87.80	17.87	4
722526	26 B020815	76.7	B	78.5	B	77.6	B	61.4	* 70.6	55.9	9.60	111.0	90.16	18.06	3
722527	27 D03*9804	63.1	C	72.2	B	59.6	D	61.9	* 67.9	* 49.6	9.28	103.2	90.92	17.87	5
722528	28 D03*9603	68.0	C	47.5	E	69.9	C	61.9	* 68.9	53.2	10.06	131.4	97.95	17.13	1
722529	29 M03*3861	78.9	B	73.9	B	78.5	B	61.0	* 71.0	56.2	9.65	118.2	89.74	17.92	5
722530	30 M03*3877	78.3	B	80.5	A	70.5	B	62.1	70.9	53.4	9.62	116.5	90.53	18.12	4

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LAB		ENTRY	MILLING		BAKING		SOFT.			MICRO		FLOUR		SOFT.		FLOUR		LACTIC		SUCROSE		COOKIE		TOP
NO.			QUALITY		QUALITY		EQUIV.			T.W.		YIELD		EQUIV.		PROT.		ACID		SRC		DIAM.		GR.
			SCORE		SCORE		SCORE			LB/BU		%		%		%		SRC		%		CM.		
****	STD=	#722503, PION. 26R61	69.3	C	52.2	D	64.6	C		63.2		69.1		51.4		9.85		105.1		92.01		17.27		2
722531	31	SC021348	59.2	D	65.2	C	89.5	A		61.0	*	67.1	Q	60.1		8.86		123.7		94.11		17.66		3
722532	32	SC027721	73.4	B	42.9	E	60.5	C		61.5	*	70.0		49.9		10.52		105.5		95.44		16.99	*	2
722533	33	G69141	68.0	C	70.5	B	91.7	A		60.1	Q	68.9		60.9		9.16		96.7		87.77		17.82		3
722534	34	G59166	78.2	B	66.9	C	82.1	A		62.0		70.9		57.5		9.19		98.8		85.78		17.71		3
722535	35	G69304	61.6	C	64.9	C	88.0	A		61.3	*	67.6	Q	59.6		9.18		116.1		93.85		17.65		2
722536	36	G59015	80.9	A	78.5	B	83.5	A		61.3	*	71.4		58.0		9.65		109.7		87.24		18.06		5
722537	37	GA98401-5E23	54.7	D	49.2	E	78.2	B		62.1		66.2	Q	56.1		9.47		117.5		103.41		17.18		2
722538	38	GA981621-5E34	80.4	A	57.2	D	83.9	A		61.5	*	71.3		58.1		9.42		108.0		91.78		17.42		3
722539	39	GA981622-5E35	79.4	B	64.5	C	75.8	B		62.2		71.1		55.3		9.25		108.7		91.63		17.64		5

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GRAIN CONDITION SCALE

FHB, SPROUTING and BLACK POINT

0 None
1 up to 10%
2 10% to 40%
3 above 40%

SHRIVELING

0 None
1 Some
2 Moderate
3 Heavy

LAB NO.	ENTRY	FHB	WEATHERING	SPROUTING	BLACK POINT	SHRIVELING AFTER CLEANING	COMMENTS
		(0-3)	(Yes/No)	(0-3)	(0-3)	(0-3)	
722501	1	AGS 2000				1	
722502	2	USG 3209					
722503	3	Pioneer 26R61				1	
722504	4	McCormick				1	
722505	5	AR96077-10-1					
722506	6	ARTX5406					
722507	7	VA01W-205					
722508	8	VA02W-713				1	
722509	9	TN601				1	
722510	10	MD00-72-5064				1	
722511	11	APCK B02-8443					
722512	12	TN701					
722513	13	NC03-6228				1	
722514	14	NC03-5921					
722515	15	NC03-8026				1	
722516	16	NC03-11158				1	
722517	17	0128A1-22				1	
722518	18	011010A1-15				1	
722519	19	VA04W-259				1	
722520	20	VA03W-434				1	
722521	21	LA99005UC-31-3-C				1	
722522	22	LA98214D-14-1-2-B				1	
722523	23	LA98149BUB-3-4-B				1	
722524	24	LA978UC-36-1-1-B				1	
722525	25	MO011126					
722526	26	B020815					
722527	27	D03*9804					
722528	28	D03*9603				1	
722529	29	M03*3861				1	
722530	30	M03*3877				1	

722531	31	SC021348	1				1	
722532	32	SC027721				1	1	
722533	33	G69141						
722534	34	G59166						
722535	35	G69304					1	
722536	36	G59015				1		
722537	37	GA98401-5E23	1				1	
722538	38	GA981621-5E34	1				1	
722539	39	GA981622-5E35				1		

ADVANCED NURSERY
EVALUATION SUMMARY
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	STD.		AVG.	
	DATA		DATA	
MILLING QUALITY SCORE	69.30	C	69.7	
BAKING QUALITY SCORE	52.20	D	67.1	
SE SCORE	64.60	C	74.5	

	STD.		AVG.		ADJ.		NOTATION		
	DATA		DATA		L.S.D.		BEGINS		
							*		Q
TEST WEIGHT	63.15		61.87		1.22		61.93		60.71
FLOUR YIELD	69.12		69.21		0.74		68.38		67.64
SOFTNESS EQUIV.	51.37		54.83		2.76		48.61		45.85
FLOUR PROTEIN	9.85		9.42		0.80		10.65		11.45
LACTIC ACID SRC	105.12		112.04						
SUCROSE SRC	92.01		92.41						
COOKIE DIAMETER	17.27		17.72		0.23		17.04		16.81

	A		B		C		D		E		F
MILLING SCORE	5		11		19		4		0		0
BAKING SCORE	3		18		8		5		5		0
SOFTNESS EQUIV. SCORE	9		18		10		2		0		0

TOTAL

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LAB		ENTRY	MILLING		BAKING		SOFT.			MICRO		FLOUR		SOFT.		FLOUR		LACTIC		SUCROSE		COOKIE		TOP	
NO.			QUALITY		QUALITY		EQUIV.			T.W.		YIELD		EQUIV.		PROT.		ACID		SRC		DIAM.		GR.	
			SCORE		SCORE		SCORE			LB/BU		%		%		%		SRC		%		CM.			
722501	1	AGS 2000	83.9	A	72.2	B	72.8	B		63.3		72.0		54.3		9.1		105.1		90.99		17.87		3	
(Database)		AGS 2000	85.9	A	69.9	C	62.9	C		62.4		73.4		56.6		8.9		108.0				17.96		4	
722504	4	McCormick	67.5	C	66.5	C	86.5	A		61.9		68.8		59.0		9.3		113.1		93.60		17.70		5	
(Database)		McCormick	68.1	C	46.6	E	64.2	C		63.0		70.9		57.6		8.8		115.8				17.47		3	
722503	3	Pioneer 26R61	69.3	C	52.2	D	64.6	C		63.2		69.1		51.4		9.9		105.1		92.01		17.27		2	
(Database)		Pioneer 26R61	69.3	C	52.2	D	64.6	C		62.9		70.8		54.1		9.6		110.4				17.61		4	
722502	2	USG 3209	66.9	C	49.5	E	62.1	C		62.0		68.6		50.5		8.9		109.3		98.80		17.19		3	
(Database)		USG 3209	55.3	D	37.0	F	58.6	D		61.3		70.0		50.3		8.4		110.7				17.40		4	