

2010 SRPN Intraregional Production Zone

Entry	Selection No.	Pedigree	Source
1	Kharkof	Kharkof	check
2	Scout 66	Scout 66	check
3	TAM-107	TAM-107	check
4	Fuller	Fuller	check
5	KS07HW52-5	KS025580(TREGO/CO960293)/KS02HW25(TGO/JGR 8W)	KSU-HAYS
6	KS08HW176-4	TREGO/JGR 8W	KSU-HAYS
7	OK05526	KS94U275/OK94P549 F4:12	OSU
8	OK05212	OK95616-1/Hickok/Betty F4:12	OSU
9	OK05204	SWM866442/OK95548 F4:12	OSU
10	OK05511	TAM 110/2174 F4:12	OSU
11	OK07231	OK92P577-(RMH 3099)/OK93P656-(RMH 3299) F4:10	OSU
12	T150-1	T81/T201	Trio
13	T166	T81/KS93U206	Trio
14	T167	T136/T151	Trio
15	T168	T81/T137	Trio
16	NE06545	KS92-946-B-15-1=(ABI86*3414/JAG//K92)/ALLIANCE	UNL
17	NE07444	KS96HW10-3=(KS91HW29// RIO BLANCO/KS91H184)/WAHOO/NE99585	UNL
18	NI07703	R-148 (G97343) =(919021/B725//K92)/NI00436 =(WI89-273-13/NE93427 (=	UNL
19	NI08708	CO980829 (=Yuma/T-57//CO850034/3/4*Yuma/4/NEWS1)/Wesley	UNL
20	BC01007-7	W99-331/97x0906-8	AGRIPRO NORTH
21	BC01131-24	W99-429-1/W98-422	AGRIPRO NORTH
22	BC01139-1	W99-188\$-1/BC950285G-1-2	AGRIPRO NORTH
23	00X0100-51	W95-301/W98-151	AGRIPRO NORTH
24	HV9W06-1046	M97-1171/G980039//G982238	WestBred Haven
25	HV9W06-509	G982231/G982159//KS920709W	WestBred Haven
26	HV9W06-262	TX98U8134/3/KARL 92*2/RAVI-36	WestBred Haven
27	HV9W04-1594R	KS89180B-2-1-1/CMBW91M02959T//JGR	WestBred Haven
28	CO04393	Stanton/CO950043	CSU
29	CO04499	Above/Stanton	CSU
30	CO050270	Hatcher/NW97S295	CSU
31	CO050303-2	CO980829/TAM 111	CSU
32	CO050322	CO980829/TAM 111	CSU
33	CO050337-2	CO980829/TAM 111	CSU
34	KS010990M~8	Trego/Ventnor//KS940786-6-4	KSU-Manhattan
35	KS06O3A~50-3	OVERLEY*3/AMADINA	KSU-Manhattan
36	KS06O3A~58-2	OVERLEY*3/AMADINA	KSU-Manhattan
37	KS011327M~2	KS940748-2-4/TX97V4311//Overley	KSU-Manhattan
38	OK07209	OK93P656-(RMH 3299)/OK99621 F4:10	OSU
39	TX05A001822	2145/X940786-6-7	TAMU
40	TX06A001263	TX97V3006/TX98V6239	TAMU
41	TX06A001132	HBG0358/4/T107//TX78V3620/Ctk78/3/TX87V1233	TAMU
42	TX06A001281	TX98VR8422/U3704A-7-7	TAMU
43	TX06A001386	TX99A6030/CUSTER	TAMU
44	TX05V7259	T107//TX78V3620/Ctk78/3/TX87V1233/4/Arap//TX86V1540/T200	TAMU
45	TX05V7269	HBG0358/4/T107//TX78V3620/Ctk78/3/TX87V1233	TAMU
46	TX05A001188	T107//TX98V3620/Ctk78/3/TX87V1233/4/N87V106//TX86V1540/T200	TAMU
47	BC01138-5	W99-188\$/BC950814-1-1	AGRIPRO South

Entry	Selection No.	Pedigree	Source
48	AP06T3621	X920232-5/Karl 92//X920750A-13-1	AGRIPRO South



Hard Winter Wheat Quality Report 2010 SRPN-SHP

1 - Test weight	10	11 - Flour protein	8
2 - SKCS kernel weight	8	12 - Bake absorption	15
3 - Kernel weight SD	8	13 - Mixograph absorption	5
4 - SKCS kernel diameter	8	14 - Bake mix time	10
5 - Kernel diameter SD	8	15 - Mixograph mix time	5
6 - SKCS hardness	10	16 - Mixograph tolerance	5
7 - Hardness SD	8	17 - Dough weight	
8 - Flour yield	30	18 - Proof height	2
9 - Flour ash	10	19 - Loaf volume	20
10 - Milling score		20 - Volume regression	5
		21 - Crumb grain	25

ID	Milling Score	Rating	%	Baking Score	Rating	%	1RS	Trait Deficiencies
Kharkof	41.3	Very Poor	63.1	46.0	Average	65.6		2,4,8,9,10,16,20,
Scout66	57.4	Average	87.7	38.0	Poor	54.1		16,
TAM 107	58.2	Average	89.0	38.9	Poor	55.4	1AL	13,16,
Fuller	55.8	Poor	85.3	49.5	Average	70.5		
KS07HW52-5	65.4	Very Good	100.0	45.8	Poor	65.3		
KS08HW176-4	63.1	Very Good	96.4	32.4	Very Poor	46.2		6,9,10,16,
OK05526	57.7	Average	88.2	51.9	Good	74.0		16,
Garrison	59.5	Good	91.0	55.3	Good	78.8		4,15,16,
OK05204	62.0	Very Good	94.9	58.6	Very Good	83.6		16,
OK05511	57.0	Poor	87.2	56.5	Good	80.6		16,
OK07231	60.2	Good	92.1	67.3	Very Good	95.9		
T150-1	51.9	Very Poor	79.4	45.5	Poor	64.8		1,14,15,
T166	58.9	Good	90.1	43.0	Poor	61.4	1AL	15,16,
T167	57.9	Average	88.6	40.4	Poor	57.5		5,
T168	56.5	Poor	86.4	45.3	Average	64.6		16,
NE06545	49.1	Very Poor	75.1	59.4	Good	84.7		1,
NE07444	54.4	Very Poor	83.2	59.9	Good	85.3		1,
NI07703	57.2	Poor	87.5	55.6	Good	79.2		16,
NI08708	58.9	Good	90.0	46.6	Average	66.4		16,
Wolf	59.6	Good	91.2	36.0	Very Poor	51.4		16,17,
BC01131-24	57.4	Average	87.9	61.1	Very Good	87.0		2,16,
BC01139-1	52.4	Very Poor	80.1	35.2	Very Poor	50.1		16,
SY Gold	56.4	Poor	86.2	33.8	Very Poor	48.1		18,19,
HV9W06-1046	64.1	Very Good	98.0	38.3	Poor	54.7		2,16,
HV9W06-509	59.2	Good	90.6	45.7	Average	65.1		16,
HV9W06-262	55.4	Poor	84.7	46.9	Average	66.9		2,4,
HV9W04-1594R	59.1	Good	90.4	44.4	Average	63.3	1BL	9,16,
CO04393	63.8	Very Good	97.7	62.4	Very Good	88.9		
CO04499	62.2	Very Good	95.1	54.8	Good	78.1		
CO050270	54.4	Very Poor	83.2	23.7	Very Poor	33.7		3,11,16,18,19,21,

Quality scores and ratings are calculated directly from the relative trait weightings (printed at the top of the page) and are applicable only to the nursery selected.



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10 - Milling score		20 - Volume regression	5
		21 - Crumb grain	25

ID	Milling Score	Rating	%	Baking Score	Rating	%	1RS	Trait Deficiencies
CO050303-2	60.2	Good	92.1	29.5	Very Poor	42.1		16,18,19,
CO050322	58.8	Average	89.9	47.9	Average	68.3		16,18,
CO050337-2	59.0	Good	90.2	33.3	Very Poor	47.4		16,
KS010990M-8	54.8	Very Poor	83.8	58.1	Good	82.8		10,16,
KS06O3A~50-3	57.1	Poor	87.3	31.7	Very Poor	45.2		3,12,13,16,17,
KS06O3A~58-2	55.2	Poor	84.5	31.8	Very Poor	45.3		5,16,18,19,20,21,
KS011327M-2	58.5	Average	89.4	51.7	Good	73.7		5,16,
OK07209	60.1	Good	91.9	63.1	Very Good	89.9		
TX05A001822	57.3	Average	87.6	60.7	Very Good	86.6		16,
TX06A001263	56.5	Poor	86.4	41.9	Poor	59.7	1AL	16,
TX06A001132	61.1	Very Good	93.5	46.4	Average	66.2		16,
TX06A001281	52.9	Very Poor	80.9	32.8	Very Poor	46.8		8,16,
TX06A001386	63.9	Very Good	97.7	53.7	Good	76.5		
TX05V7259	55.9	Poor	85.5	61.6	Very Good	87.8		
TX05V7269	54.2	Very Poor	82.9	43.3	Poor	61.7		8,
TX05A001188	58.6	Average	89.7	70.2	Very Good	100.0		
CJ	62.6	Very Good	95.8	65.6	Very Good	93.4		
AP06T3621	53.8	Very Poor	82.2	42.9	Poor	61.1		

2010 SRPN Intraregional Production Zone

Southern High Plains

LINE	Wt/Bu (lb)	SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS	Class	Distribution	
		(%)	(sd)	(mg)	(sd)	(mm)	(sd)				
								(sd)			
Kharkof	59.1	11.2	0.6	23.6	7.3	2.31	0.26	52 22	MIXED	19--19--25--37--03	
Scout 66	59.6	11.3	0.6	29.6	9.6	2.53	0.35	68 19	HARD	03--09--16--72--01	
TAM-107	58.9	10.9	0.7	30.9	8.2	2.59	0.34	72 16	HARD	01--04--12--83--01	
Fuller	60.1	11.1	0.6	30.3	8.1	2.64	0.32	69 17	HARD	01--08--19--72--01	
KS07HW52-5	62.7	11.4	0.6	30.4	8.7	2.60	0.35	82 16	HARD	00--02--04--94--01	
KS08HW176-4	61.3	11.4	0.6	27.0	7.2	2.47	0.32	85 16	HARD	00--02--03--95--01	
OK05526	60.1	11.5	0.6	32.4	9.2	2.68	0.35	63 18	HARD	04--12--25--59--01	
OK05212	60.7	11.1	0.5	28.0	7.1	2.42	0.29	66 17	HARD	03--09--24--64--01	
OK05204	60.8	11.1	0.5	32.1	8.1	2.66	0.33	70 18	HARD	02--04--17--77--01	
OK05511	60.6	11.0	0.6	31.2	8.9	2.60	0.36	70 20	HARD	04--08--16--72--01	
OK07231	59.9	11.1	0.5	30.1	8.3	2.62	0.33	82 16	HARD	00--02--07--91--01	
T150-1	57.0	11.1	0.5	28.9	8.9	2.57	0.33	70 16	HARD	01--07--15--77--01	
T166	59.7	11.1	0.6	30.8	8.4	2.54	0.35	71 15	HARD	01--05--15--79--01	
T167	58.9	11.2	0.6	32.2	9.4	2.57	0.37	80 15	HARD	00--01--06--93--01	
T168	60.6	11.1	0.7	27.9	7.3	2.48	0.31	68 16	HARD	00--09--22--69--01	
NE06545	57.3	11.5	0.6	28.6	8.2	2.55	0.35	53 23	MIXED	23--16--22--39--03	
NE07444	58.4	11.3	0.6	28.3	8.7	2.52	0.33	65 18	HARD	04--11--20--65--01	
NI07703	59.3	11.6	0.5	30.1	9.2	2.53	0.32	63 19	HARD	06--12--23--59--02	
NI08708	59.3	11.2	0.6	29.2	8.3	2.51	0.28	66 18	HARD	03--10--22--65--01	
BC01007-7	60.7	11.8	0.5	29.0	8.4	2.52	0.33	74 17	HARD	00--04--15--81--01	
BC01131-24	58.8	11.2	0.6	24.7	6.2	2.43	0.28	70 18	HARD	02--08--15--75--01	
BC01139-1	59.2	11.0	0.6	31.3	9.3	2.63	0.33	63 19	HARD	06--12--23--59--02	
00X0100-51	59.6	11.3	0.5	26.9	8.3	2.48	0.30	80 18	HARD	01--02--09--88--01	
HV9W06-1046	61.6	11.4	0.5	24.7	6.2	2.43	0.25	75 16	HARD	00--04--10--86--01	
HV9W06-509	60.1	11.3	0.5	29.7	9.2	2.57	0.35	72 19	HARD	03--09--13--75--01	
HV9W06-262	59.3	11.0	0.7	23.4	7.2	2.35	0.28	70 17	HARD	02--07--17--74--01	
HV9W04-1594R	60.3	11.3	0.6	27.0	7.3	2.50	0.32	83 17	HARD	00--03--06--91--01	
CO04393	60.4	11.1	0.5	31.7	8.2	2.68	0.35	63 15	HARD	04--07--27--62--01	
CO04499	60.3	11.0	0.6	30.4	8.1	2.57	0.33	68 16	HARD	01--07--22--70--01	
CO050270	59.7	11.6	0.5	33.6	11.1	2.59	0.35	60 19	HARD	09--14--25--52--02	
CO050303-2	60.9	11.4	0.5	31.5	8.8	2.56	0.33	66 17	HARD	03--13--17--67--01	
CO050322	60.4	11.3	0.6	28.5	9.0	2.49	0.35	67 18	HARD	03--08--22--67--01	
CO050337-2	60.0	11.3	0.5	30.0	8.7	2.54	0.34	65 17	HARD	05--09--20--66--01	
KS010990M~8	59.1	11.0	0.5	28.2	8.3	2.50	0.33	71 19	HARD	03--05--16--76--01	
KS06O3A~50-3	60.2	11.3	0.5	34.9	10.0	2.68	0.36	63 18	HARD	04--14--27--55--01	
KS06O3A~58-2	60.0	11.2	0.5	33.1	9.7	2.65	0.37	76 18	HARD	01--03--11--85--01	
KS011327M~2	60.4	11.2	0.6	31.6	9.1	2.67	0.38	70 19	HARD	04--08--15--73--01	
OK07209	61.2	11.2	0.5	29.2	8.4	2.57	0.32	65 17	HARD	03--13--22--62--01	
TX05A001822	60.0	11.2	0.6	27.7	7.5	2.51	0.33	66 20	HARD	05--11--21--63--01	
TX06A001263	59.9	9.9	0.7	27.6	8.3	2.51	0.33	72 18	HARD	01--06--17--76--01	
TX06A001132	60.6	10.4	0.4	31.3	9.0	2.58	0.34	65 17	HARD	02--10--22--66--01	
TX06A001281	59.5	9.9	0.8	29.4	8.0	2.56	0.33	69 17	HARD	01--09--20--70--01	
TX06A001386	61.5	10.0	0.6	29.9	7.4	2.58	0.31	80 16	HARD	01--02--07--90--01	
TX05V7259	60.3	9.8	0.7	29.5	8.6	2.61	0.33	72 17	HARD	01--04--14--81--01	
TX05V7269	60.2	10.4	0.5	29.3	8.1	2.50	0.32	64 17	HARD	05--08--23--64--01	

LINE	Wt/Bu (lb)	SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS		Class	Distribution
		(%)	(sd)	(mg)	(sd)	(mm)	(sd)	(sd)			
TX05A001188	60.6	10.1	0.6	28.0	9.1	2.48	0.33	66	20	HARD	05--11--20--64--01
BC01138-5	60.2	10.0	0.7	28.0	7.2	2.57	0.30	71	18	HARD	02--08--18--72--01
AP06T3621	59.3	10.1	0.6	29.2	9.0	2.51	0.35	73	21	HARD	02--09--16--73--01

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Southern High Plains

LINE	Wheat		Flour			Noodle Color					
	Protein	Milling Yield	Ash	Protein	PPO	L @ 0	a @ 0	b @ 0	Delta L 24 hrs	Delta a 24 hrs	Delta b 24 hrs
	(%)	(%)	(%)	(%)							
Kharkof	15.9	66.0	0.48	14.0	0.540	80.69	-1.46	22.84	-14.54	2.73	-0.41
Scout 66	14.5	72.5	0.45	13.2	0.511	81.04	-1.04	20.32	-14.57	1.74	3.40
TAM-107	13.6	69.9	0.44	11.8	0.553	79.06	-1.22	24.67	-13.19	2.00	2.32
Fuller	14.9	68.2	0.42	13.0	0.721	81.95	-1.60	21.61	-15.83	2.00	2.89
KS07HW52-5	13.7	72.2	0.46	12.0	0.639	82.17	-2.23	24.65	-13.24	2.01	3.01
KS08HW176-4	14.0	71.5	0.49	12.1	0.677	81.73	-1.61	22.81	-14.51	1.90	3.75
OK05526	14.7	70.5	0.39	12.9	0.490	80.05	-1.16	23.67	-15.59	2.07	1.23
OK05212	14.7	70.0	0.38	13.3	0.492	80.86	-1.27	21.77	-15.95	1.53	1.69
OK05204	14.2	71.0	0.41	12.3	0.617	81.10	-1.09	19.84	-14.74	1.50	4.74
OK05511	13.7	70.3	0.41	11.9	0.623	80.87	-1.29	22.20	-11.94	1.53	2.20
OK07231	13.9	69.4	0.41	12.3	0.165	81.20	-1.14	21.81	-12.42	1.65	4.56
T150-1	14.8	68.7	0.45	13.0	0.520	80.14	-0.80	20.51	-16.11	1.79	2.78
T166	13.1	70.2	0.44	11.8	0.537	78.67	-0.90	24.32	-12.79	2.30	0.98
T167	13.9	69.3	0.42	12.2	0.538	79.31	-1.28	24.65	-14.38	2.46	2.30
T168	13.8	68.4	0.41	11.8	0.578	79.23	-0.90	23.39	-12.58	2.23	1.05
NE06545	13.6	70.9	0.43	12.0	0.573	80.08	-1.59	24.83	-13.94	2.38	0.70
NE07444	13.8	71.3	0.46	12.3	0.611	79.47	-1.24	23.97	-13.01	1.69	1.80
NI07703	13.7	72.3	0.43	12.2	0.580	82.31	-1.56	22.08	-15.05	2.08	3.80
NI08708	14.8	71.4	0.41	13.1	0.718	80.68	-0.79	19.40	-16.57	2.09	2.85
BC01007-7	14.0	71.1	0.45	12.5	0.728	78.29	-1.31	24.73	-14.94	1.99	1.44
BC01131-24	14.7	70.4	0.43	12.9	0.588	77.56	-0.98	23.89	-13.40	2.36	1.13
BC01139-1	14.4	68.2	0.39	12.6	0.672	79.29	-1.28	24.61	-13.73	1.77	0.80
00X0100-51	14.4	69.2	0.41	12.2	0.474	79.35	-1.07	24.29	-13.68	1.81	2.27
HV9W06-1046	15.0	71.0	0.41	13.3	0.676	78.60	-1.35	25.19	-12.37	1.74	1.73
HV9W06-509	13.3	72.9	0.45	11.8	0.662	79.15	-1.18	24.14	-12.47	1.82	1.88
HV9W06-262	14.7	70.7	0.46	13.1	0.550	79.83	-1.46	24.11	-14.52	2.35	1.70
HV9W04-1594R	14.0	70.1	0.48	12.5	0.422	79.57	-0.94	23.41	-12.97	1.44	3.47
CO04393	14.2	72.3	0.39	12.4	0.550	79.94	-1.32	24.65	-13.85	2.07	0.36
CO04499	13.7	71.3	0.38	12.0	0.618	80.09	-1.27	23.29	-14.50	2.15	2.89
CO050270	13.4	71.0	0.41	11.2	0.539	80.87	-1.16	21.93	-14.50	1.94	3.36
CO050303-2	13.4	71.1	0.40	11.8	0.570	80.86	-1.31	22.31	-15.50	2.08	4.06
CO050322	13.5	72.0	0.41	11.8	0.569	80.60	-1.88	26.02	-12.42	1.97	1.90
CO050337-2	13.5	71.5	0.42	11.9	0.591	80.96	-1.73	25.27	-13.99	2.10	3.67
KS010990M-8	14.3	70.3	0.45	12.1	0.526	82.10	-1.64	22.31	-14.77	2.01	3.68
KS06O3A-50-3	14.0	70.8	0.43	12.4	0.480	81.34	-1.27	22.93	-14.16	1.66	3.89
KS06O3A-58-2	14.6	68.8	0.45	13.1	0.482	80.55	-1.16	23.88	-15.10	2.44	1.26
KS011327M-2	14.5	71.1	0.41	12.7	0.491	80.78	-1.30	23.14	-15.60	2.14	2.57
OK07209	13.8	70.3	0.36	11.9	0.520	80.10	-1.51	24.28	-12.85	1.92	1.68
TX05A001822	14.5	71.4	0.42	12.5	0.531	80.28	-1.06	22.37	-14.92	2.41	1.36
TX06A001263	13.7	70.2	0.42	11.9	0.616	79.24	-1.28	23.74	-13.58	2.07	0.60
TX06A001132	13.7	72.4	0.43	11.8	0.619	80.69	-0.77	21.65	-14.16	1.69	3.64
TX06A001281	14.0	67.0	0.40	12.3	0.669	79.38	-1.16	23.16	-13.57	1.74	2.99

LINE	Wheat		Flour			Noodle Color					
	Protein	Milling Yield	Ash	Protein	PPO	L @ 0	a @ 0	b @ 0	Delta L 24 hrs	Delta a 24 hrs	Delta b 24 hrs
	(%)	(%)	(%)	(%)							
TX06A001386	13.4	69.7	0.37	11.8	0.517	80.89	-0.93	20.89	-12.85	1.26	4.24
TX05V7259	14.4	68.2	0.40	12.6	0.671	80.17	-0.99	22.22	-12.72	1.36	3.15
TX05V7269	13.4	68.0	0.39	11.8	0.639	82.30	-1.46	20.34	-14.24	1.49	4.91
TX05A001188	14.8	72.0	0.36	12.4	0.631	82.44	-1.23	19.99	-14.78	2.39	2.45
BC01138-5	13.6	71.4	0.36	12.1	0.595	81.64	-1.48	21.64	-14.79	1.87	4.56
AP06T3621	14.2	69.3	0.37	12.5	0.615	81.88	-1.20	20.77	-15.97	2.56	3.30

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	Flour Protein	Mixograph			
		Absorption	As-Is	Corrected	Tolerance
Line	(%)	(%)	(min)	(min)	
Kharkof	14.0	64.3	3.13	3.13	2
Scout 66	13.2	64.4	2.38	2.38	2
TAM-107	11.8	61.1	2.50	2.44	2
Fuller	13.0	64.6	4.00	4.00	5
KS07HW52-5	12.0	63.0	4.38	4.38	4
KS08HW176-4	12.1	62.1	2.88	2.88	2
OK05526	12.9	64.6	2.75	2.75	2
OK05212	13.3	65.1	2.13	2.13	2
OK05204	12.3	62.4	3.13	3.13	2
OK05511	11.9	62.8	3.25	3.21	2
OK07231	12.3	63.4	3.88	3.88	4
T150-1	13.0	64.5	5.38	5.38	5
T166	11.8	62.5	2.25	2.18	2
T167	12.2	63.4	3.50	3.50	3
T168	11.8	62.6	2.63	2.57	1
NE06545	12.0	62.8	4.25	4.23	4
NE07444	12.3	62.3	3.75	3.75	4
NI07703	12.2	62.4	3.13	3.13	1
NI08708	13.1	63.8	3.88	3.88	2
BC01007-7	12.5	62.8	4.13	4.13	0
BC01131-24	12.9	63.9	3.50	3.50	2
BC01139-1	12.6	62.0	3.50	3.50	2
00X0100-51	12.2	62.4	3.38	3.38	3
HV9W06-1046	13.3	63.1	2.75	2.75	1
HV9W06-509	11.8	61.7	2.88	2.82	2
HV9W06-262	13.1	63.8	4.00	4.00	4
HV9W04-1594R	12.5	62.2	3.50	3.50	0
CO04393	12.4	63.2	4.13	4.13	4
CO04499	12.0	62.8	3.25	3.24	3
CO050270	11.2	61.6	2.63	2.37	2
CO050303-2	11.8	62.6	2.88	2.80	2
CO050322	11.8	62.6	3.00	2.93	1
CO050337-2	11.9	62.8	3.00	2.97	2
KS010990M~8	12.1	63.2	3.50	3.50	2
KS06O3A~50-3	12.4	59.7	2.88	2.88	0
KS06O3A~58-2	13.1	61.8	3.00	3.00	0
KS011327M~2	12.7	63.7	3.38	3.38	2
OK07209	11.9	62.2	3.38	3.33	3
TX05A001822	12.5	63.8	3.50	3.50	2
TX06A001263	11.9	62.8	3.13	3.08	2
TX06A001132	11.8	62.6	2.63	2.57	1
TX06A001281	12.3	62.4	2.63	2.63	2

	Flour Protein	Mixograph			
		Absorption	As-Is	Corrected	Tolerance
Line	(%)	(%)	(min)	(min)	
TX06A001386	11.8	62.6	3.50	3.41	3
TX05V7259	12.6	64.0	4.38	4.38	5
TX05V7269	11.8	62.6	3.50	3.41	3
TX05A001188	12.4	63.6	3.38	3.38	4
BC01138-5	12.1	62.1	3.13	3.13	3
AP06T3621	12.5	63.8	4.88	4.88	4

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Line	RVA							
	Stirring Number	Peak Viscosity	Trough Viscosity	Breakdown	Final Viscosity	Set back	Peak Time	Pasting Temp
	(RVU)	(RVU)	(RVU)	(RVU)	(RVU)	(RVU)	(min)	(Deg. C)
Kharkof	159.25	237.17	182.08	55.08	294.92	112.83	6.60	86.45
Scout 66	123.67	224.75	167.25	57.50	289.83	122.58	6.33	67.65
TAM-107	115.50	266.42	197.75	68.67	321.08	123.33	6.60	67.75
Fuller	140.92	234.33	180.42	53.92	304.33	123.92	6.47	67.85
KS07HW52-5	120.83	280.75	169.42	111.33	283.58	114.17	6.27	67.80
KS08HW176-4	112.75	267.83	159.67	108.17	267.33	107.67	6.27	68.55
OK05526	116.92	244.33	175.00	69.33	297.75	122.75	6.33	67.80
OK05212	132.75	234.25	169.67	64.58	287.75	118.08	6.40	67.75
OK05204	114.00	238.92	161.92	77.00	274.33	112.42	6.33	68.60
OK05511	102.42	235.08	157.67	77.42	270.75	113.08	6.27	67.85
OK07231	142.42	206.08	156.17	49.92	275.75	119.58	6.27	66.95
T150-1	118.33	254.25	170.75	83.50	283.42	112.67	6.40	68.55
T166	138.83	249.92	181.42	68.50	300.67	119.25	6.53	68.60
T167	140.92	255.33	186.25	69.08	301.33	115.08	6.47	68.60
T168	130.50	255.92	179.50	76.42	300.17	120.67	6.47	68.55
NE06545	98.00	257.17	184.17	73.00	315.33	131.17	6.33	67.75
NE07444	126.83	223.75	161.42	62.33	287.83	126.42	6.27	67.80
NI07703	95.83	220.42	148.67	71.75	262.00	113.33	6.27	67.65
NI08708	127.67	217.67	162.67	55.00	290.42	127.75	6.33	67.75
BC01007-7	119.58	194.42	141.58	52.83	256.08	114.50	6.20	67.80
BC01131-24	108.25	258.08	160.58	97.50	264.17	103.58	6.33	67.80
BC01139-1	120.50	211.42	152.25	59.17	266.42	114.17	6.33	67.00
00X0100-51	121.00	209.42	160.50	48.92	285.08	124.58	6.33	67.65
HV9W06-1046	129.58	232.67	169.00	63.67	289.50	120.50	6.40	68.55
HV9W06-509	129.33	226.67	163.67	63.00	286.83	123.17	6.27	67.70
HV9W06-262	134.92	243.50	182.25	61.25	304.42	122.17	6.47	67.70
HV9W04-1594R	136.25	210.50	154.83	55.67	269.17	114.33	6.40	67.75
CO04393	126.33	265.67	181.83	83.83	285.17	103.33	6.53	68.60
CO04499	131.17	260.58	183.08	77.50	290.58	107.50	6.53	68.65
CO050270	119.00	189.08	124.25	64.83	236.08	111.83	6.00	67.75
CO050303-2	148.17	213.00	165.92	47.08	286.50	120.58	6.40	67.80
CO050322	131.75	202.08	151.25	50.83	278.75	127.50	6.20	67.75
CO050337-2	124.83	209.75	153.25	56.50	283.42	130.17	6.20	67.70
KS010990M~8	130.08	223.33	168.50	54.83	289.00	120.50	6.40	67.80
KS06O3A~50-3	141.17	226.50	170.92	55.58	286.00	115.08	6.53	67.70
KS06O3A~58-2	139.58	228.42	167.58	60.83	282.42	114.83	6.47	67.75
KS011327M~2	148.42	226.42	177.25	49.17	295.42	118.17	6.53	66.90
OK07209	134.75	229.42	174.75	54.67	299.92	125.17	6.40	68.60
TX05A001822	132.67	238.00	175.92	62.08	291.75	115.83	6.47	67.80
TX06A001263	125.00	262.42	180.17	82.25	280.67	100.50	6.47	68.60
TX06A001132	124.17	217.75	164.08	53.67	290.00	125.92	6.20	67.85
TX06A001281	127.75	264.00	165.17	98.83	253.67	88.50	6.33	70.25
TX06A001386	117.00	252.17	170.58	81.58	273.42	102.83	6.47	67.85
TX05V7259	170.83	231.92	188.42	43.50	306.33	117.92	6.60	67.70
TX05V7269	128.67	226.75	170.58	56.17	297.67	127.08	6.33	68.60
TX05A001188	131.75	243.25	171.50	71.75	293.17	121.67	6.40	68.60

RVA								
Line	Stirring Number (RVU)	Peak Viscosity (RVU)	Trough Viscosity (RVU)	Breakdown (RVU)	Final Viscosity (RVU)	Set back (RVU)	Peak Time (min)	Pasting Temp (Deg. C)
BC01138-5	137.42	255.92	175.25	80.67	286.58	111.33	6.40	67.70
AP06T3621	152.58	240.00	170.83	69.17	292.67	121.83	6.40	67.70

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Line	Flour		Mix Time		Dough					
	Protein	Water Abs.	As-is	Corrected	Weight	Proof Height	Crumb Grain	As-Rec'd.	Specific Volume	Loaf Volume Potential
	(%)	(%)	(min)	(min)	(g)	(cm)		(cc)	(cc/g)	(cc/%)
Kharkof	14.0	64.3	4.50	4.50	173.5	7.9	4.5	960	6.4	60
Scout 66	13.2	62.3	3.13	3.13	171.4	7.9	3.5	965	6.5	65
TAM-107	11.8	60.5	2.63	2.57	169.7	7.3	3.0	900	6.1	68
Fuller	13.0	64.4	4.50	4.50	173.5	7.3	4.5	965	6.5	67
KS07HW52-5	12.0	63.2	4.88	4.88	172.5	7.6	4.5	940	6.4	71
KS08HW176-4	12.1	60.3	3.00	3.00	169.7	7.4	2.5	915	6.3	67
OK05526	12.9	63.1	4.00	4.00	173.6	7.5	3.0	960	6.5	66
OK05212	13.3	64.4	3.25	3.25	173.8	7.7	4.0	975	6.6	65
OK05204	12.3	61.4	3.50	3.50	170.3	7.5	5.0	965	6.6	72
OK05511	11.9	63.6	4.00	3.95	172.4	7.4	4.0	950	6.4	73
OK07231	12.3	64.3	4.38	4.38	175.1	7.7	5.0	950	6.4	70
T150-1	13.0	65.0	7.25	7.25	173.1	7.7	3.8	1040	7.1	74
T166	11.8	61.1	3.00	2.91	170.5	7.4	3.0	935	6.3	72
T167	12.2	61.1	4.00	4.00	170.5	7.6	3.5	925	6.3	68
T168	11.8	63.1	3.00	2.93	172.2	7.3	3.0	935	6.3	72
NE06545	12.0	63.0	5.00	4.98	172.4	7.5	4.0	915	6.1	69
NE07444	12.3	64.2	5.50	5.50	173.2	7.6	4.0	915	6.1	66
NI07703	12.2	61.9	3.75	3.75	170.8	7.7	4.0	975	6.6	73
NI08708	13.1	62.8	5.50	5.50	172.0	7.6	4.5	995	6.7	69
BC01007-7	12.5	59.8	3.75	3.75	168.9	7.7	3.5	920	6.3	65
BC01131-24	12.9	61.2	4.00	4.00	170.3	7.8	4.0	1035	7.1	75
BC01139-1	12.6	60.4	3.63	3.63	170.2	7.4	2.8	900	6.1	62
00X0100-51	12.2	60.3	3.75	3.75	170.0	7.1	2.8	860	5.8	61
HV9W06-1046	13.3	62.0	3.88	3.88	170.8	7.6	3.5	935	6.3	62
HV9W06-509	11.8	61.6	3.63	3.56	171.3	7.4	3.0	925	6.2	71
HV9W06-262	13.1	63.8	5.63	5.63	172.7	7.9	4.5	965	6.4	66
HV9W04-1594R	12.5	60.5	4.00	4.00	169.8	7.5	3.0	880	6.1	61
CO04393	12.4	63.2	4.88	4.88	172.0	7.4	4.0	965	6.6	70
CO04499	12.0	62.7	4.63	4.61	171.4	7.4	3.0	970	6.6	75
CO050270	11.2	60.2	2.75	2.48	169.5	7.1	1.5	800	5.5	61
CO050303-2	11.8	61.4	3.00	2.92	171.0	7.2	2.5	850	5.8	63
CO050322	11.8	61.2	3.75	3.66	169.9	7.2	4.0	870	5.9	65
CO050337-2	11.9	61.1	3.38	3.34	170.5	7.3	3.5	885	5.9	66
KS010990M-8	12.1	63.5	4.13	4.13	172.5	7.4	4.0	955	6.4	72
KS06O3A-50-3	12.4	59.4	3.50	3.50	168.9	7.4	2.5	925	6.3	66
KS06O3A-58-2	13.1	60.4	3.38	3.38	169.7	7.2	2.0	805	5.4	50
KS011327M-2	12.7	61.5	3.75	3.75	170.9	7.7	3.0	980	6.6	70
OK07209	11.9	63.5	4.00	3.94	172.0	7.6	5.0	955	6.4	74
TX05A001822	12.5	63.2	3.75	3.75	172.4	7.9	4.0	1010	6.8	75
TX06A001263	11.9	62.5	4.00	3.93	171.6	7.6	4.5	975	6.6	76
TX06A001132	11.8	63.3	2.75	2.69	172.9	7.4	4.0	880	5.9	66
TX06A001281	12.3	61.5	2.63	2.63	170.9	7.4	2.5	935	6.3	68
TX06A001386	11.8	63.5	3.75	3.65	173.6	7.4	3.0	975	6.5	77
TX05V7259	12.6	65.1	5.50	5.50	173.9	7.7	4.0	930	6.2	65

Line	Flour		Mix Time		Dough					
	Protein	Water Abs.	As-is	Corrected	Weight	Proof Height	Crumb Grain	As-Rec'd.	Specific Volume	Loaf Volume Potential
	(%)	(%)	(min)	(min)	(g)	(cm)		(cc)	(cc/g)	(cc/%)
TX05V7269	11.8	63.1	4.13	4.03	172.8	7.5	4.5	945	6.2	73
TX05A001188	12.4	64.5	4.75	4.75	173.4	7.4	5.0	995	6.6	74
BC01138-5	12.1	64.7	4.50	4.50	173.6	7.6	5.0	965	6.4	73
AP06T3621	12.5	64.5	5.50	5.50	173.9	7.6	3.8	915	6.1	65