2008 NRPN Intraregional Production Zone

Entry	Selection No.	Pedigree	Source
1	Kharkof	Kharkof	check
2	Antelope	Antelope	check
3	Wesley	Wesley	check
4	Jerry	Jerry	check
5	SD06W117	Alice/SD00W024	SDSU
6	SD06069	Harry/Wesley//Jerry	SDSU
7	SD06163	Wesley/SD97049	SDSU
8	SD06165	Wesley/SD97049	SDSU
9	SD06173	BULK02R2B	SDSU
10	SD03164-1	89118RC1-X-9-3-3/TX96D2845//Expedition	SDSU
11	SD03164-2	89118RC1-X-9-3-3/TX96D2845//Expedition	SDSU
12	SD05118	Wesley/NE93613	SDSU
13	SD05210	SD98444/SD97060	SDSU
14	SD05W030	SD98W302/NW97S186	SDSU
15	N98L20040-44	CS/PI467024//CS/3/SXLD/4/TAM202/5/SXLD	ARS-LNK
16	NX03Y2489	BaiHuo/Kanto107//Ike/3/KS91H184/3*RBL//N87V106	ARS-LNK
17	NX04Y2107	NW98S081/99Y1442	ARS-LNK
18	NW04Y2188	MO8/REDLAND//KS91H184/3*RIO BLANCO	ARS-LNK
19	HV9W03-1379R	B1127/3/B1551W//ROWDY/RWA 671 MONT	WestBred
20	NE02533	NE94458 (=GK-SAGVARI/COLT//NE86582)/JAGGER	UNL
21	NE02558	JAGGER/ALLIANCE	UNL
22	NW03666	N94S097KS/NE93459	UNL
23	NE04490	NE95589/NE94632(=ABILENE/NORKAN//RAWHIDE)//NE95510 (=ABILEN	UNL
24	NI04420	NE96644(=ODESSKAYA P./CODY)//PAVON/*3SCOUT66/3/WAHOO SIB	UNL
25	NI04427	KS98HW22//W95-615W/N94L189	UNL
26	NE05548	NE97426 (=BRIGANTINA.2*ARAPAHOE)/NE98574 (=CO850267/RAWHID	UNL
27	NE05549	NI98414 (=NE90614/NE87612//NE87612)/WESLEY	UNL
28	NE05569	Wesley//Pronghorn/Arlin	UNL
29	MT0495	MT9640/NB1133	MT
30	MTS0531	L'Govskaya 167/Rampart//MT9409 (solid stem)	MT
31	MT0552	N95L159/CDC Clair	MT

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		SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS		Class	Distribution
LINE	Wt/Bu (lb)	(%)	(sd)	(mg)	(sd)	(mm)	(sd)		(sd)		
Kharkof	59.8	9.9	0.5	24.9	6.9	2.46	0.26	44	19	MIXED	28--31--21--20--03
Antelope	60.5	9.5	0.6	29.5	8.1	2.60	0.29	60	15	HARD	03--15--26--56--01
Wesley	60.4	9.3	0.7	29.5	8.7	2.64	0.31	66	16	HARD	02--09--24--65--01
Jerry	58.3	10.0	0.3	26.7	7.8	2.47	0.27	67	15	HARD	02--06--21--71--01
SD06W117	58.7	9.7	0.5	23.9	7.0	2.44	0.26	74	14	HARD	00--03--09--88--01
SD06069	60.0	10.1	0.3	32.7	9.3	2.66	0.34	65	14	HARD	01--05--27--67--01
SD06163	61.5	9.5	0.7	32.4	9.1	2.76	0.32	64	17	HARD	03--12--23--62--01
SD06165	60.0	9.3	0.7	30.9	8.4	2.70	0.33	64	15	HARD	02--10--27--61--01
SD06173	59.5	9.7	0.5	29.8	9.3	2.64	0.34	68	15	HARD	01--08--17--74--01
SD03164-1	61.7	9.7	0.6	30.6	8.5	2.72	0.31	66	16	HARD	03--09--18--70--01
SD03164-2	60.5	10.0	0.4	28.8	7.7	2.66	0.33	67	16	HARD	03--07--17--73--01
SD05118	60.2	9.5	0.5	27.2	8.1	2.56	0.29	69	16	HARD	02--04--18--76--01
SD05210	59.9	9.2	0.7	25.9	7.5	2.50	0.29	77	17	HARD	01--04--07--88--01
SD05W030	60.0	9.8	0.5	26.1	7.9	2.52	0.32	74	14	HARD	00--03--13--84--01
N98L20040-44	59.0	9.9	0.4	28.4	9.0	2.59	0.33	72	17	HARD	01--04--17--78--01
NX03Y2489	59.2	10.0	0.4	27.5	7.3	2.57	0.24	71	15	HARD	00--04--15--81--01
NX04Y2107	59.7	9.7	0.5	30.9	8.1	2.74	0.30	68	15	HARD	00--07--17--76--01
NW04Y2188	59.3	9.7	0.5	24.6	7.0	2.46	0.26	63	15	HARD	02--11--28--59--01
HV9W03-1379R	59.1	9.3	0.6	20.4	6.2	2.34	0.24	92	17	HARD	00--01--04--95--01
NE02533	59.3	10.0	0.4	26.7	7.4	2.55	0.29	80	16	HARD	01--02--06--91--01
NE02558	59.8	8.8	0.5	25.7	7.0	2.54	0.28	77	14	HARD	00--02--07--91--01
NW03666	60.5	10.0	0.5	27.2	7.2	2.60	0.30	75	14	HARD	00--03--10--87--01
NE04490	59.1	9.6	0.5	24.5	7.0	2.49	0.30	75	13	HARD	00--02--09--89--01
NI04420	60.9	9.7	0.5	27.6	8.5	2.65	0.34	78	15	HARD	00--01--11--88--01
NI04427	61.7	8.9	0.9	23.2	7.2	2.44	0.28	77	15	HARD	01--03--07--89--01
NE05548	57.5	9.3	0.6	25.7	7.0	2.50	0.31	68	15	HARD	01--06--19--74--01
NE05549	60.0	9.4	0.6	28.0	8.6	2.60	0.32	65	15	HARD	02--07--29--62--01
NE05569	59.0	9.1	0.7	27.3	8.1	2.58	0.30	62	17	HARD	05--13--22--60--01
MT0495	58.4	9.0	0.7	24.7	7.2	2.53	0.29	80	14	HARD	01--00--07--92--01
MTS0531	60.3	9.0	0.6	25.8	7.4	2.45	0.24	72	15	HARD	01--03--15--81--01
MT0552	60.5	9.0	0.7	24.7	7.5	2.52	0.29	76	15	HARD	01--02--11--86--01

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	Wheat		Flour			Noodle Color					
LINE	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	13.9	64.3	0.39	12.9	0.405	82.41	-2.33	22.55	-9.72	0.93	2.43
Antelope	13.4	68.1	0.32	12.2	0.411	82.51	-2.67	23.54	-8.94	0.95	1.96
Wesley	13.9	72.0	0.38	12.7	0.532	81.17	-2.28	22.75	-10.52	0.95	1.81
Jerry	12.6	69.8	0.41	11.7	0.487	82.21	-2.57	25.81	-10.40	0.96	2.65
SD06W117	12.1	69.5	0.42	11.2	0.435	82.44	-2.65	24.15	-9.57	1.52	0.85
SD06069	12.7	71.3	0.38	11.5	0.545	82.39	-2.98	26.17	-9.97	0.91	2.75
SD06163	13.8	70.9	0.38	12.6	0.486	81.55	-2.60	23.92	-9.64	1.45	0.72
SD06165	13.7	69.9	0.38	12.5	0.461	81.75	-2.30	23.92	-10.46	1.19	1.80
SD06173	12.3	69.4	0.40	11.1	0.503	81.56	-2.52	24.76	-10.47	1.27	1.64
SD03164-1	13.4	70.8	0.38	12.4	0.435	81.57	-2.66	24.85	-10.55	1.38	0.99
SD03164-2	12.9	70.9	0.38	12.1	0.434	80.92	-2.45	25.49	-9.90	1.06	1.80
SD05118	12.7	68.7	0.35	11.6	0.448	82.94	-2.62	24.17	-8.68	1.09	1.70
SD05210	12.6	70.1	0.35	11.7	0.485	80.95	-2.49	24.66	-10.07	1.35	1.49
SD05W030	13.0	68.4	0.41	11.9	0.305	82.21	-2.91	26.48	-9.10	1.00	2.49
N98L20040-44	11.8	71.6	0.36	10.6	0.455	81.97	-2.10	23.04	-10.05	1.02	2.55
NX03Y2489	13.7	64.0	0.44	12.3	0.314	82.45	-1.93	21.33	-11.88	1.06	2.85
NX04Y2107	13.1	64.4	0.40	11.7	0.670	83.86	-2.35	21.99	-13.91	1.41	4.51
NW04Y2188	12.6	67.5	0.34	11.1	0.440	83.83	-2.56	22.59	-10.03	1.07	1.86
HV9W03-1379R	13.7	68.2	0.50	12.3	0.665	80.84	-3.01	29.12	-13.25	1.37	1.29
NE02533	11.4	69.5	0.43	10.5	0.575	81.21	-2.47	25.48	-11.46	1.59	1.96
NE02558	11.8	67.6	0.38	10.3	0.470	82.14	-2.36	24.78	-10.82	1.18	2.51
NW03666	12.7	68.9	0.41	11.4	0.450	81.21	-2.45	24.33	-9.66	1.17	1.50
NE04490	12.6	68.4	0.37	11.5	0.567	81.37	-2.65	26.35	-9.79	1.31	0.60
NI04420	12.9	69.2	0.42	11.6	0.398	81.24	-2.48	24.47	-9.46	1.02	1.73
NI04427	13.1	67.8	0.37	12.0	0.527	81.22	-2.49	26.09	-9.98	0.86	1.63
NE05548	13.2	68.8	0.39	12.2	0.439	82.69	-2.20	24.18	-10.83	0.77	2.44
NE05549	13.1	68.5	0.40	11.8	0.545	79.88	-2.18	23.15	-9.86	1.24	1.09
NE05569	13.8	67.9	0.38	12.8	0.444	82.13	-2.54	22.88	-9.06	1.03	1.58
MT0495	12.5	67.0	0.38	11.5	0.143	81.66	-2.69	27.70	-7.25	0.75	2.29
MTS0531	12.2	68.5	0.39	11.0	0.646	81.96	-2.90	26.62	-9.79	0.89	2.39
MT0552	13.1	68.0	0.34	11.9	0.499	82.59	-2.04	22.02	-11.15	0.75	3.24

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Line	Flour Protein (%)	Mixograph Absorption (%)	Mixograph As-Is (min)	Mixograph Corrected (min)	Mixograph Tolerance
Kharkof	12.9	63.4	4.88	4.88	4
Antelope	12.2	63.3	3.88	3.88	4
Wesley	12.7	63.1	5.63	5.63	5
Jerry	11.7	62.5	5.38	5.21	5
SD06W117	11.2	60.6	6.00	5.43	5
SD06069	11.5	62.1	4.75	4.46	4
SD06163	12.6	63.0	3.50	3.50	4
SD06165	12.5	63.7	5.50	5.50	5
SD06173	11.1	60.4	4.00	3.56	4
SD03164-1	12.4	63.6	4.63	4.63	4
SD03164-2	12.1	63.0	5.13	5.13	5
SD05118	11.6	62.2	7.25	6.86	5
SD05210	11.7	61.5	5.88	5.68	5
SD05W030	11.9	61.3	3.38	3.35	2
N98L20040-44	10.6	60.5	3.63	3.00	4
NX03Y2489	12.3	65.5	2.50	2.50	3
NX04Y2107	11.7	64.5	2.75	2.67	3
NW04Y2188	11.1	60.5	2.75	2.47	2
HV9W03-1379R	12.3	63.4	3.38	3.38	3
NE02533	10.5	60.4	4.50	3.67	4
NE02558	10.3	60.1	5.25	4.19	5
NW03666	11.4	62.0	5.25	4.90	5
NE04490	11.5	62.0	4.00	3.76	3
NI04420	11.6	62.2	4.75	4.51	4
NI04427	12.0	63.0	4.75	4.75	3
NE05548	12.2	63.2	5.25	5.25	5
NE05549	11.8	62.6	4.38	4.30	5
NE05569	12.8	63.4	4.50	4.50	3
MT0495	11.5	62.1	5.63	5.31	4
MTS0531	11.0	61.2	5.00	4.38	4
MT0552	11.9	62.9	7.75	7.70	5

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	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)
Kharkof	139.17	250.67	175.08	75.58	294.58	119.50	6.40	
Antelope	141.25	222.25	164.25	58.00	284.25	120.00	6.40	
Wesley	120.58	206.33	148.67	57.67	270.00	121.33	6.27	
Jerry	113.92	222.17	165.75	56.42	296.17	130.42	6.27	
SD06W117	113.17	226.83	160.25	66.58	286.92	126.67	6.27	
SD06069	107.92	212.92	161.25	51.67	294.50	133.25	6.27	
SD06163	129.67	214.75	160.67	54.08	284.50	123.83	6.33	
SD06165	127.25	233.08	176.08	57.00	300.67	124.58	6.40	
SD06173	128.00	239.67	176.17	63.50	315.75	139.58	6.27	
SD03164-1	129.25	244.17	174.58	69.58	295.92	121.33	6.40	
SD03164-2	122.08	240.25	169.17	71.08	295.42	126.25	6.33	
SD05118	119.67	228.83	165.83	63.00	295.42	129.58	6.33	
SD05210	116.92	215.17	153.42	61.75	274.33	120.92	6.27	
SD05W030	125.83	225.17	167.50	57.67	292.83	125.33	6.40	
N98L20040-44	121.08	197.92	143.42	54.50	269.58	126.17	6.13	
NX03Y2489	107.42	176.25	81.17	95.08	122.42	41.25	3.93	
NX04Y2107	113.25	188.00	89.25	98.75	132.92	43.67	3.93	
NW04Y2188	107.58	221.17	166.50	54.67	294.08	127.58	6.33	
HV9W03-1379R	125.08	188.42	157.00	31.42	281.58	124.58	6.40	
NE02533	129.83	218.33	163.33	55.00	294.92	131.58	6.27	
NE02558	133.00	247.67	178.50	69.17	301.75	123.25	6.40	
NW03666	124.75	238.58	162.08	76.50	280.17	118.08	6.27	
NE04490	128.25	224.83	167.83	57.00	302.25	134.42	6.33	
NI04420	128.42	208.08	150.25	57.83	271.50	121.25	6.27	
NI04427	131.25	223.58	175.25	48.33	314.67	139.42	6.40	
NE05548	131.58	243.42	179.50	63.92	312.08	132.58	6.33	
NE05549	132.17	236.58	166.17	70.42	285.50	119.33	6.40	
NE05569	135.58	207.08	160.42	46.67	280.08	119.67	6.40	
MT0495	115.83	205.92	141.58	64.33	259.33	117.75	6.13	
MTS0531	136.58	241.25	179.00	62.25	307.42	128.42	6.40	
MT0552	131.75	245.50	175.00	70.50	295.92	120.92	6.40	

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	Flour		Mix Time		Dough					
	Protein	Water Abs.	As-is	Corrected	Weight	Proof Height	Crumb Grain	As-Rec'd.	Specific Volume	Loaf Volume Potential
Line	(%)	(%)	(min)	(min)	(g)	(cm)		(cc)	(cc/g)	(cc/%)
Kharkof	12.9	62.5	6.25	6.25	172.1	7.5	3.5	830	5.6	54
Antelope	12.2	62.0	5.00	5.00	171.2	7.2	3.2	750	5.0	49
Wesley	12.7	61.8	6.50	6.50	171.1	7.3	4.0	835	5.6	55
Jerry	11.7	61.7	7.75	7.51	171.0	6.9	3.0	720	4.8	48
SD06W117	11.2	58.8	7.50	6.78	167.5	6.9	4.0	770	5.3	57
SD06069	11.5	61.6	7.25	6.81	170.3	6.7	3.0	710	4.7	48
SD06163	12.6	60.0	4.50	4.50	169.8	6.9	2.5	800	5.4	52
SD06165	12.5	64.0	9.50	9.50	172.9	7.0	3.5	840	5.6	57
SD06173	11.1	60.4	5.13	4.57	169.9	6.8	2.8	720	4.9	52
SD03164-1	12.4	63.3	7.50	7.50	172.3	6.5	3.5	725	4.8	45
SD03164-2	12.1	61.7	7.00	7.00	170.4	6.7	3.0	735	4.9	48
SD05118	11.6	62.5	9.63	9.11	171.2	7.0	4.0	720	4.8	49
SD05210	11.7	61.6	8.63	8.34	170.3	7.0	3.5	770	5.1	54
SD05W030	11.9	61.7	4.50	4.46	170.7	7.0	3.5	745	5.0	50
N98L20040-44	10.6	60.3	6.00	4.96	169.3	7.2	3.0	735	5.0	57
NX03Y2489	12.3	63.7	4.00	4.00	173.2	6.9	0.0	950	6.4	70
NX04Y2107	11.7	63.5	4.25	4.12	172.9	7.0	0.0	960	6.4	75
NW04Y2188	11.1	58.7	3.50	3.14	168.3	6.8	3.0	705	4.8	50
HV9W03-1379R	12.3	62.9	5.25	5.25	172.7	7.1	2.0	900	5.9	65
NE02533	10.5	61.7	7.63	6.23	170.2	6.8	2.5	735	4.9	58
NE02558	10.3	60.3	7.00	5.59	169.1	6.7	3.2	770	5.2	63
NW03666	11.4	61.6	7.00	6.53	169.9	6.7	2.5	880	5.9	68
NE04490	11.5	62.3	5.25	4.93	171.7	7.2	2.5	765	5.1	55
NI04420	11.6	61.6	5.88	5.58	170.6	7.2	3.0	765	5.1	54
NI04427	12.0	64.0	6.13	6.13	172.8	6.9	3.5	720	4.7	47
NE05548	12.2	63.2	6.50	6.50	172.1	7.0	3.5	765	5.1	51
NE05549	11.8	62.5	6.50	6.37	172.2	6.9	4.0	750	5.0	51
NE05569	12.8	62.9	6.50	6.50	172.3	7.3	4.5	830	5.5	54
MT0495	11.5	61.7	6.50	6.14	170.8	7.0	4.5	765	5.0	54
MTS0531	11.0	60.9	7.75	6.78	169.8	6.9	4.0	680	4.5	47
MT0552	11.9	62.8	10.00	9.94	170.8	6.9	4.0	775	5.2	53