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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North Central Plains

		SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS		Class	Distribution
LINE	Wt/Bu (lb)	(%)	(sd)	(mg)	(sd)	(mm)	(sd)		(sd)		
Kharkof	60.4	11.0	0.4	27.2	7.7	2.57	0.29	45	21	MIXED	28--27--22--23--03
Antelope	60.1	10.6	0.4	29.8	9.1	2.63	0.34	53	17	MIXED	12--23--26--39--03
Wesley	57.2	10.4	0.4	29.1	8.4	2.67	0.32	59	16	HARD	03--20--30--47--01
Jerry	59.1	10.9	0.4	30.9	9.0	2.63	0.32	58	16	HARD	07--15--29--49--02
SD06W117	60.2	10.4	0.4	27.9	8.2	2.60	0.32	66	16	HARD	02--08--22--68--01
SD06069	58.9	10.7	0.4	32.5	9.8	2.66	0.32	54	18	MIXED	13--22--25--40--03
SD06163	60.0	10.6	0.4	31.9	8.7	2.75	0.35	55	16	HARD	09--21--29--41--02
SD06165	58.4	10.7	0.4	30.5	8.5	2.73	0.32	56	17	HARD	08--21--30--41--02
SD06173	58.2	10.7	0.4	30.4	8.9	2.66	0.35	55	17	HARD	09--22--31--38--02
SD03164-1	60.3	10.9	0.3	31.8	8.5	2.78	0.32	59	16	HARD	03--22--27--48--01
SD03164-2	59.7	10.8	0.4	29.0	8.4	2.66	0.32	59	17	HARD	06--16--30--48--02
SD05118	59.8	10.7	0.4	28.9	8.7	2.65	0.31	63	16	HARD	04--11--23--62--01
SD05210	59.5	9.9	0.4	28.1	7.7	2.58	0.28	70	16	HARD	01--06--19--74--01
SD05W030	60.6	10.3	0.3	29.6	8.3	2.63	0.31	67	16	HARD	02--05--23--70--01
N98L20040-44	54.2	9.8	0.3	25.8	8.0	2.53	0.32	61	19	HARD	05--17--25--53--01
NX03Y2489	56.4	10.0	0.4	27.8	7.3	2.60	0.28	64	16	HARD	03--09--28--60--01
NX04Y2107	58.5	10.4	0.4	29.4	9.2	2.70	0.32	67	16	HARD	01--08--21--70--01
NW04Y2188	58.4	10.6	0.4	28.4	7.5	2.61	0.29	52	19	MIXED	12--26--28--34--03
HV9W03-1379R	60.9	10.8	0.4	22.6	6.3	2.46	0.27	85	19	HARD	00--03--05--92--01
NE02533	58.7	10.6	0.4	28.7	9.3	2.62	0.34	67	18	HARD	02--09--24--65--01
NE02558	58.9	10.3	0.4	26.9	8.5	2.59	0.33	67	18	HARD	03--11--20--66--01
NW03666	59.8	10.3	0.4	26.7	7.8	2.61	0.31	65	18	HARD	03--10--25--62--01
NE04490	59.2	10.5	0.4	28.7	8.0	2.65	0.32	63	17	HARD	04--13--26--57--01
NI04420	60.1	10.5	0.3	30.2	8.8	2.76	0.38	66	18	HARD	03--09--23--65--01
NI04427	61.0	10.3	0.4	27.0	8.1	2.61	0.34	66	17	HARD	02--10--27--61--01
NE05548	58.5	10.4	0.4	28.0	7.8	2.58	0.32	62	16	HARD	05--09--28--58--01
NE05549	57.5	10.5	0.4	29.5	8.3	2.67	0.34	60	17	HARD	06--15--25--54--02
NE05569	58.6	10.4	0.3	29.1	8.4	2.68	0.32	52	18	MIXED	13--28--27--32--03
MT0495	55.2	10.3	0.4	24.6	6.8	2.55	0.29	77	15	HARD	00--02--08--90--01
MTS0531	58.6	10.5	0.4	27.2	8.0	2.52	0.28	66	16	HARD	02--08--23--67--01
MT0552	58.2	10.3	0.4	25.5	7.2	2.55	0.30	62	17	HARD	04--13--28--55--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	13.2	66.9	0.43	11.9	0.540	81.20	-2.39	23.65	-10.48	1.08	2.38
Antelope	12.8	70.3	0.39	11.2	0.560	82.28	-2.14	21.56	-10.77	0.97	3.84
Wesley	13.2	72.5	0.43	11.9	0.631	80.52	-1.94	22.43	-10.23	0.95	2.05
Jerry	13.1	72.3	0.43	11.6	0.588	80.17	-2.28	25.85	-11.68	1.37	2.98
SD06W117	12.7	71.8	0.42	11.2	0.547	81.61	-1.86	20.72	-11.24	1.26	2.74
SD06069	12.5	73.1	0.40	11.2	0.615	81.62	-2.39	23.27	-12.54	1.15	4.13
SD06163	13.1	72.3	0.40	12.0	0.667	80.71	-2.03	21.54	-12.32	1.31	2.83
SD06165	12.9	71.5	0.37	11.5	0.587	80.81	-1.95	22.10	-11.74	1.28	3.77
SD06173	12.4	70.4	0.40	10.8	0.551	80.81	-2.20	24.39	-11.51	1.34	2.50
SD03164-1	14.0	71.0	0.40	12.2	0.519	81.58	-1.86	21.89	-13.46	0.99	4.99
SD03164-2	13.1	71.5	0.38	11.6	0.510	81.36	-1.98	22.37	-11.39	0.75	5.38
SD05118	12.5	71.3	0.39	11.0	0.576	81.44	-2.15	22.25	-11.33	0.99	3.35
SD05210	13.1	71.9	0.41	11.7	0.592	80.44	-1.98	22.47	-12.65	1.27	3.55
SD05W030	12.1	70.3	0.42	10.7	0.367	82.08	-2.44	23.63	-10.83	0.99	4.50
N98L20040-44	12.1	69.9	0.44	10.7	0.574	80.50	-1.79	22.35	-14.24	1.67	3.22
NX03Y2489	12.9	65.8	0.44	11.1	0.359	84.26	-1.87	17.99	-13.98	1.57	5.78
NX04Y2107	12.9	64.4	0.45	11.1	0.596	84.50	-2.02	19.78	-13.61	1.31	4.25
NW04Y2188	12.6	69.4	0.38	10.9	0.539	81.38	-2.03	22.04	-11.68	1.38	1.21
HV9W03-1379R	13.0	70.5	0.49	11.3	0.599	80.59	-2.71	26.69	-12.63	1.59	1.06
NE02533	12.3	70.1	0.43	10.9	0.658	80.24	-1.66	22.48	-12.24	1.22	2.47
NE02558	11.9	69.3	0.39	10.1	0.516	80.36	-1.68	22.06	-11.70	1.26	3.80
NW03666	12.3	70.5	0.41	11.2	0.575	83.03	-1.37	17.47	-13.03	0.54	8.36
NE04490	12.4	69.9	0.42	10.6	0.648	80.88	-2.07	22.33	-13.04	1.69	2.98
NI04420	11.8	70.4	0.44	10.1	0.510	82.79	-2.29	21.65	-11.41	1.20	4.65
NI04427	12.7	70.7	0.41	11.3	0.599	81.28	-2.14	23.28	-11.62	0.92	3.81
NE05548	13.4	71.5	0.41	11.6	0.554	79.90	-2.05	24.33	-10.92	1.28	1.73
NE05549	12.3	69.1	0.42	10.8	0.584	80.79	-1.55	21.88	-10.42	0.51	2.20
NE05569	11.7	70.3	0.41	10.5	0.565	82.52	-2.45	21.48	-9.77	1.13	2.71
MT0495	13.2	67.4	0.41	11.3	0.297	80.90	-2.19	25.16	-9.55	0.80	4.80
MTS0531	12.4	70.7	0.45	11.1	0.778	81.14	-2.39	24.64	-12.51	1.35	3.01
MT0552	13.0	69.1	0.40	11.3	0.755	81.11	-1.45	21.49	-11.78	0.77	3.36

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		Mixograph			
	Flour Protein	Absorption	As-Is	Corrected	Tolerance
Line	(%)	(%)	(min)	(min)	
Kharkof	11.9	62.9	3.88	3.85	3
Antelope	11.2	61.7	4.38	3.98	3
Wesley	11.9	61.8	5.50	5.43	4
Jerry	11.6	62.3	3.63	3.46	3
SD06W117	11.2	61.6	4.50	4.07	3
SD06069	11.2	61.5	4.63	4.17	3
SD06163	12.0	61.9	4.13	4.13	2
SD06165	11.5	63.6	6.00	5.65	4
SD06173	10.8	60.9	4.63	3.94	2
SD03164-1	12.2	63.2	5.38	5.38	4
SD03164-2	11.6	62.3	5.38	5.12	4
SD05118	11.0	62.8	6.50	5.71	4
SD05210	11.7	61.4	6.50	6.24	4
SD05W030	10.7	60.8	4.00	3.39	2
N98L20040-44	10.7	60.8	4.38	3.69	3
NX03Y2489	11.1	63.0	3.25	2.92	1
NX04Y2107	11.1	63.5	3.13	2.79	3
NW04Y2188	10.9	60.1	2.75	2.40	2
HV9W03-1379R	11.3	61.9	3.38	3.11	3
NE02533	10.9	61.0	4.63	4.01	5
NE02558	10.1	59.8	4.75	3.67	5
NW03666	11.2	61.6	5.75	5.20	6
NE04490	10.6	60.6	3.75	3.11	3
NI04420	10.1	59.7	3.88	2.97	4
NI04427	11.3	61.7	5.00	4.58	5
NE05548	11.6	62.2	4.00	3.80	3
NE05549	10.8	60.8	4.63	3.94	4
NE05569	10.5	60.4	5.50	4.52	5
MT0495	11.3	61.7	4.50	4.12	3
MTS0531	11.1	61.4	5.50	4.88	4
MT0552	11.3	63.3	7.50	6.83	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	154.08	251.92	176.42	75.50	299.83	123.42	6.47	
Antelope	131.25	223.33	142.00	81.33	261.42	119.42	6.20	
Wesley	123.00	223.42	147.75	75.67	275.75	128.00	6.27	
Jerry	133.17	216.08	151.33	64.75	279.08	127.75	6.27	
SD06W117	127.75	229.08	154.67	74.42	279.25	124.58	6.27	
SD06069	113.92	214.58	150.25	64.33	283.42	133.17	6.20	
SD06163	126.83	229.33	155.58	73.75	286.67	131.08	6.27	
SD06165	135.00	251.75	170.08	81.67	304.58	134.50	6.27	
SD06173	119.25	255.50	177.25	78.25	320.08	142.83	6.27	
SD03164-1	129.17	247.42	168.83	78.58	295.92	127.08	6.40	
SD03164-2	128.58	245.17	165.75	79.42	290.67	124.92	6.40	
SD05118	126.33	231.92	157.50	74.42	290.17	132.67	6.27	
SD05210	133.42	217.17	149.58	67.58	271.58	122.00	6.27	
SD05W030	144.58	226.50	165.08	61.42	297.50	132.42	6.33	
N98L20040-44	113.50	224.92	144.67	80.25	266.50	121.83	6.20	
NX03Y2489	57.42	78.58	10.17	68.42	16.25	6.08	3.20	
NX04Y2107	86.42	157.08	39.67	117.42	55.92	16.25	3.60	
NW04Y2188	126.50	213.58	149.25	64.33	265.17	115.92	6.40	
HV9W03-1379R	136.00	217.25	159.67	57.58	289.25	129.58	6.33	
NE02533	128.75	231.83	160.42	71.42	295.50	135.08	6.27	
NE02558	112.67	260.58	167.25	93.33	294.58	127.33	6.33	
NW03666	126.50	243.75	158.92	84.83	282.33	123.42	6.33	
NE04490	108.83	231.42	160.83	70.58	299.25	138.42	6.27	
NI04420	124.58	208.83	145.08	63.75	265.17	120.08	6.33	
NI04427	135.25	239.00	178.42	60.58	321.17	142.75	6.33	
NE05548	142.58	240.83	176.58	64.25	307.50	130.92	6.40	
NE05549	128.00	240.67	160.92	79.75	286.92	126.00	6.33	
NE05569	126.67	232.25	158.83	73.42	295.00	136.17	6.27	
MT0495	121.17	202.08	129.58	72.50	249.83	120.25	6.13	
MTS0531	125.25	222.17	139.17	83.00	265.25	126.08	6.07	
MT0552	123.92	240.58	155.83	84.75	286.08	130.25	6.20	

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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	11.9	61.2	4.88	4.84	169.6	7.5	4.0	940	6.4	72
Antelope	11.2	59.6	4.75	4.31	169.0	7.3	4.0	845	5.8	66
Wesley	11.9	62.6	7.38	7.29	171.9	7.4	4.0	950	6.4	73
Jerry	11.6	60.3	4.88	4.66	169.5	7.3	4.5	895	6.1	69
SD06W117	11.2	60.7	4.50	4.07	169.5	7.2	3.5	895	6.1	72
SD06069	11.2	61.7	4.63	4.17	172.2	7.5	3.5	840	5.7	66
SD06163	12.0	60.5	4.13	4.13	170.5	7.5	4.5	915	6.3	68
SD06165	11.5	62.5	7.25	6.83	171.8	7.3	4.0	945	6.3	76
SD06173	10.8	59.9	4.63	3.94	168.9	7.4	3.5	900	6.1	77
SD03164-1	12.2	63.5	5.38	5.38	173.3	7.1	4.0	875	5.8	63
SD03164-2	11.6	62.6	5.50	5.23	172.2	7.2	4.0	915	6.1	71
SD05118	11.0	58.6	7.25	6.36	167.0	7.1	3.5	825	5.6	65
SD05210	11.7	61.6	6.00	5.76	171.7	7.5	3.5	985	6.7	79
SD05W030	10.7	59.5	4.25	3.60	169.2	7.4	3.0	870	6.0	73
N98L20040-44	10.7	61.4	4.50	3.79	171.2	8.0	4.0	975	6.6	87
NX03Y2489	11.1	60.4	3.20	2.87	169.5	6.8	0.0	975	6.6	82
NX04Y2107	11.1	60.8	3.63	3.24	170.5	7.3	0.0	1055	7.1	93
NW04Y2188	10.9	57.0	3.25	2.84	166.7	7.4	4.0	855	5.8	69
HV9W03-1379R	11.3	60.7	3.38	3.11	170.0	7.5	4.0	935	6.3	76
NE02533	10.9	59.5	5.00	4.33	167.9	7.3	4.5	870	6.0	72
NE02558	10.1	59.6	5.00	3.86	169.0	7.3	4.0	895	6.2	82
NW03666	11.2	58.6	7.00	6.33	168.0	7.4	4.0	910	6.3	74
NE04490	10.6	60.2	3.50	2.90	169.7	7.5	4.5	900	6.2	78
NI04420	10.1	60.1	4.25	3.26	169.8	7.2	4.5	875	6.0	80
NI04427	11.3	61.1	5.50	5.04	170.4	7.3	3.8	905	6.2	73
NE05548	11.6	58.7	4.25	4.03	167.8	7.6	4.0	880	6.1	67
NE05549	10.8	61.0	4.63	3.94	169.7	7.3	4.0	865	5.9	72
NE05569	10.5	59.7	5.63	4.62	167.5	7.2	5.0	900	6.2	79
MT0495	11.3	60.4	4.50	4.12	169.6	7.5	4.5	930	6.4	76
MTS0531	11.1	60.3	5.50	4.88	169.4	7.2	4.0	875	5.9	71
MT0552	11.3	60.7	9.00	8.20	169.2	7.3	3.5	880	6.0	70