

EARLY GENERATION SCREENING EVALUATION
FOR SOFT WHEAT MILLING AND BAKING QUALITY
Average 2007 and 2008 CROP

Minyo - Ohio Cooperative Extension
Wooster, OH
Ohio Wheat Performance Nursery

STANDARD = Hopewell

SAMPLE		ENTRY	TEST		ADJ.		SOFT.		FLOUR		WATER		SODIUM		SUCROSE		LACTIC		COOKIE		TOP		
NO.			WT.		YIELD		EQUIV.		PROT.		SRC		CARB.		SRC		ACID		DIAM.		GR.		
			LB/BU		%		%		%		%		SRC		%		SRC		CM.				
		AGI101	62.3		68.5		52.3		8.4		55.1		69.1		93.7		116.9		18.06		5.5		
		AGI205	59.9		72.2		62.3		7.8		50.4		66.1		88.3		117.3		18.45		5.5		
		AGI401	61.3		71.2		57.7		8.1		51.4		66.4		89.4		128.8		18.85		5.9		
		Beck117	62.4		67.9		52.2		8.8		54.7		68.5		93.7		117.7		17.99		5.2		
		Beck122	60.2		72.3		62.2		7.8		49.4		65.8		86.3		118.3		18.81		5.2		
		Branson	59.6		71.2		64.9		7.8		51.0		67.7		88.0		116.9		18.49		5.5		
		Bravo	61.1		70.4		57.2		8.7		51.1		66.8		87.0		96.3		18.42		5.5		
		C9436	60.3		70.6		54.5		8.7		53.1		66.0		87.7		94.9		18.27		4.9		
		Cecil	61.4		70.5		61.5		7.9		52.3		69.7		90.0		110.4		18.48		5.2		
		Cooper	61.1		71.4		60.2		8.1		52.6		69.2		88.2		108.9		18.73		6.2		
		Daisy	59.4		72.8		63.3		8.3		50.3		66.0		84.6		111.5		18.39		5.5		
		Ebb501	61.0		68.1		51.7		8.4		55.7		69.3		94.9		118.4		18.06		4.5		
		Ebb518	61.3		71.3		61.8		8.1		52.1		67.7		86.1		114.0		19.01		5.5		
		Ebb570	60.4		71.9		61.7		7.9		50.0		67.0		86.8		120.9		18.71		6.2		
		Ebb575	61.2		69.8		62.7		8.3		52.2		70.6		89.5		120.1		18.46		5.9		
		Freedom	60.4		69.4		54.6		8.0		53.1		67.9		86.6		92.6		18.40		4.9		
		Harley	60.9		71.4		62.2		7.9		51.3		67.3		85.7		108.5		19.01		5.9		
		Honey	60.2		72.5		56.0		8.2		51.0		65.7		86.0		80.2		18.27		6.5		
		Hopewell	60.4		69.4		62.7		8.1		51.5		69.1		89.0		119.4		18.76		5.5		
		Jewel	60.7		71.4		56.8		8.3		51.8		68.1		89.9		112.7		18.39		5.2		
		Kenton	60.9		71.2		58.8		8.2		51.7		67.6		90.5		133.2		18.59		4.5		
		McCormic	63.4		69.4		58.7		9.0		54.1		70.3		90.2		116.2		17.89		4.9		
		McLane	61.7		68.6		59.7		8.2		53.4		70.3		91.6		98.4		18.19		5.2		
		P25R47	59.7		72.4		63.7		7.6		50.1		64.1		82.8		110.1		19.26		6.2		
		P25R56	59.7		69.6		54.1		8.5		51.9		66.7		88.1		90.6		18.34		5.9		
		P25R78	61.2		71.6		59.9		8.0		53.0		68.1		88.1		108.0		18.24		5.5		
		RS908	61.2		71.6		61.4		8.0		52.2		67.9		85.4		112.6		18.69		5.5		
		RS942	60.7		69.2		58.9		8.4		53.2		69.2		92.7		109.4		17.91		4.9		
		RS953	62.5		68.0		51.2		8.7		54.6		68.0		93.2		117.8		18.06		5.2		
		RedRuby	61.9		70.9		61.6		8.2		51.1		67.6		86.1		115.9		18.77		5.5		

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SAMPLE		ENTRY	TEST		ADJ.		SOFT.		FLOUR		WATER		SODIUM		SUCROSE		LACTIC		COOKIE		TOP		
NO.			WT.		YIELD		EQUIV.		PROT.		SRC		CARB.		SRC		ACID		DIAM.		GR.		
			LB/BU		%		%		%		%		SRC		%		SRC		CM.				
		Roane	63.2		68.4		59.2		8.2		55.5		72.6		96.2		118.3		18.17		5.2		
		SC1325	62.3		68.2		52.1		8.6		54.3		67.9		95.3		120.6		18.13		4.2		
		SC1337	60.7		69.0		59.0		8.7		53.2		69.3		94.7		109.9		18.06		4.9		
		SC1343	60.7		70.3		58.9		8.4		52.7		67.9		89.7		103.5		18.68		5.2		
		SC1348	60.3		70.2		62.1		8.4		51.3		66.6		87.7		101.4		18.50		5.9		
		SC1358	61.4		71.3		57.4		8.4		51.3		66.2		90.0		132.3		18.89		4.9		
		Tribute	63.6		69.5		54.9		8.6		56.9		71.8		93.9		124.0		17.91		4.2		
		Truman	61.7		69.1		57.0		8.1		53.1		67.1		90.1		106.8		18.65		5.9		
		V9712	61.2		71.1		56.1		8.6		52.9		66.9		87.8		112.6		18.68		5.5		
		V9723	60.3		72.0		62.7		8.0		50.5		66.4		88.0		121.4		18.70		5.5		
		VV9412	62.6		68.0		52.0		8.7		54.7		68.5		94.2		116.8		17.99		4.9		
		W121	60.9		71.7		62.0		8.1		51.7		67.8		88.5		112.4		18.67		4.5		
		W122	60.3		71.3		63.8		7.8		51.5		67.7		88.0		108.9		19.11		5.9		
		W132	59.9		72.4		61.8		7.9		50.0		66.0		85.9		113.2		18.88		6.2		
		W141	60.6		69.4		56.4		8.1		53.5		70.7		91.0		94.3		18.11		5.2		

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SAMPLE		ENTRY	MILLING		BAKING		SOFT.			TEST		ADJ.		SOFT.		FLOUR		LACTIC		SUCROSE		COOKIE		TOP		WATER		SODIUM	
NO.			QUALITY		QUALITY		EQUIV.			WT.		YIELD		EQUIV.		PROT.		ACID		SRC		DIAM.		GR.		SRC		CARB.	
			SCORE		SCORE		SCORE			LB/BU		%		%		%		SRC		%		CM.				%		SRC	
*	STD =	Hopewell	55.6	D	71.4	B	76.8	B		57.3		68.5		65.3		8.12		129.0		91.1		18.86		6		52.7		72.5	
820501	302	AGI 101	51.8	D	44.0	E	48.0	E		59.3		67.7	*	55.2	Q	8.39		113.5		95.3		18.70		7		55.2		71.5	
820502	303	Freedom	60.2	C	62.1	C	47.1	E		59.2		69.4		54.9	Q	7.80		100.8		88.5		19.27		5		54.1		71.7	
820503	304	AGI 103	62.9	C	64.5	C	58.3	D		60.9		69.9		58.8	*	8.81		129.2		88.1		19.00		3		51.0		68.2	
820504	305	VA03W-434	64.2	C	70.8	B	59.7	D		60.6		70.2		59.3	*	7.90		115.7		87.7		19.15		5		52.5		67.1	
820505	306	Truman	49.4	E	66.4	C	54.5	D		59.9		67.2	*	57.5	Q	8.20		101.9		87.7		19.05		6		53.9		70.6	
820506	307	RS 942	59.2	D	58.3	D	69.4	C		58.0		69.2		62.7		8.11		118.4		94.9		18.52		7		53.7		72.0	
820507	308	VA03-409	65.7	C	72.6	B	61.7	C		58.8		70.5		60.0	*	7.58		103.7		88.1		19.39		4		55.2		69.0	
820508	310	AGI 104	59.2	D	63.4	C	66.6	C		58.8		69.2		61.7	*	8.20		120.9		91.9		19.27		6		52.0		70.7	
820509	311	W 132	71.3	B	75.3	B	66.0	C		57.8		71.6		61.5	*	7.99		124.5		87.1		19.29		7		50.2		68.4	
820510	312	W 121	67.8	C	73.2	B	72.0	B		58.9		70.9		63.6		8.32		119.5		88.7		19.01		3		52.2		69.5	
820511	313	Rupp 9XP41	59.6	D	79.5	B	64.4	C		58.4		69.3		61.0	*	8.45		98.4		83.9		18.90		5		52.9		68.8	
820512	314	Mo. 011126	70.7	B	63.9	C	54.8	D		59.9		71.5		57.6	Q	8.82		119.2		87.5		18.94		6		54.1		70.3	
820513	315	Sunburst	39.8	F	19.4	F	36.3	F		62.3		65.3	Q	51.1	Q	8.59		111.9		102.5		17.57		4		59.6		79.4	
820514	317	SC 1339	51.9	D	78.1	B	76.7	B		54.7	Q	67.7		65.3		7.47		111.8		89.6		19.49		6		53.0		72.8	
820515	318	Beck 117	46.0	E	47.0	E	42.8	E		59.7		66.5	Q	53.4	Q	8.72		111.9		92.0		18.23		5		55.4		71.1	
820516	319	Vigoro 9712	64.7	C	64.6	C	60.5	C		58.5		70.3		59.6	*	8.37		118.2		89.5		19.02		6		52.8		69.1	
820517	320	SC 1337	55.7	D	51.2	D	64.2	C		58.1		68.5		60.9	*	8.59		109.8		95.7		18.46		6		55.2		71.9	
820518	322	Red Ruby	68.5	C	76.1	B	70.0	C		59.4		71.0		62.9		7.89		122.6		87.9		19.51		6		52.9		69.4	
820519	323	Genesis RO55	69.4	C	65.7	C	59.6	D		60.3		71.2		59.3	*	8.16		122.0		89.3		19.14		7		52.8		66.0	
820520	324	Pioneer 25R62	67.3	C	64.5	C	57.1	D		56.1	*	70.8		58.4	*	7.98		111.5		89.6		18.90		6		53.8		68.1	
820521	325	RS 908	68.5	C	81.5	A	75.5	B		59.0		71.0		64.8		7.84		123.3		87.1		19.09		6		53.2		70.4	
820522	326	SC 1358	71.5	B	66.4	C	62.0	C		60.3		71.6		60.1	*	8.21		132.8		89.5		19.35		5		52.1		69.1	
820523	327	Ebberts 514	57.7	D	77.2	B	63.0	C		58.4		68.9		60.5	*	8.12		97.0		85.3		19.25		6		53.2		68.9	
820524	328	W 142	67.4	C	69.4	C	59.4	D		61.5		70.8		59.2	*	8.72		109.9		86.5		19.16		5		54.4		68.4	
820525	329	Rupp 9XP24	68.6	C	79.2	B	67.4	C		57.8		71.0		62.0		7.69		122.0		86.4		19.38		5		51.0		70.4	
820526	330	Excel 423	52.8	D	65.3	C	68.9	C		58.6		67.9		62.5		7.88		106.6		92.3		18.79		5		53.8		74.3	
820527	331	WestBred Ex967	61.2	C	63.4	C	68.2	C		58.0		69.6		62.3		8.19		138.4		92.3		19.42		4		51.9		69.4	
820528	332	Genesis RO85	57.1	D	75.4	B	65.7	C		61.0		68.8		61.4	*	8.70		108.4		85.5		19.17		4		51.3		67.7	
820529	333	Steyer EXP 808	61.0	C	62.4	C	67.5	C		58.1		69.5		62.0		8.17		138.2		92.6		19.18		6		52.6		69.0	
820530	334	Benton	51.8	D	55.2	D	54.3	D		58.4		67.7	*	57.4	Q	7.90		105.1		93.0		18.41		5		54.7		73.4	
820531	335	SC 1325	46.2	E	53.1	D	46.4	E		59.3		66.6	Q	54.7	Q	8.52		116.2		90.7		18.51		5		53.9		70.7	
820532	337	Ebberts 570	68.7	C	78.4	B	67.0	C		58.2		71.1		61.9		7.92		128.9		86.1		18.82		7		50.7		70.2	
820533	338	Steyer EXP 703	61.8	C	70.9	B	57.4	D		58.9		69.7		58.5	*	8.53		112.9		85.7		19.49		6		51.7		67.6	
820534	339	Cecil	63.0	C	68.9	C	70.9	B		60.1		69.9		63.2		7.66		120.4		91.7		19.00		5		53.4		73.5	

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NO.			QUALITY		QUALITY		EQUIV.			WT.		YIELD		EQUIV.		PROT.		ACID		SRC		DIAM.		GR.		SRC		CARB.	
			SCORE		SCORE		SCORE			LB/BU		%		%		%		SRC		%		CM.				%		SRC	
*	STD =	Hopewell	55.6	D	71.4	B	76.8	B		57.3		68.5		65.3		8.12		129.0		91.1		18.86		6		52.7		72.5	
820535	340	W 122	65.2	C	83.5	A	79.5	B		58.3		70.4		66.2		7.84		118.0		87.2		19.19		5		51.9		70.1	
820536	341	Harley	66.2	C	82.0	A	77.0	B		58.3		70.6		65.4		7.84		119.6		87.2		19.05		6		51.7		70.4	
820537	344	SC 1318	66.0	C	83.3	A	78.6	B		58.1		70.5		65.9		8.07		117.5		86.6		19.12		5		51.4		69.7	
820538	345	Vigoro 9723	69.4	C	73.1	B	67.5	C		58.2		71.2		62.0		8.32		127.4		87.7		19.23		5		49.7		68.3	
820539	346	SC 1298	69.0	C	78.3	B	68.7	C		57.7		71.1		62.5		7.77		126.8		86.9		18.73		7		51.0		70.1	
820540	347	Branson	64.8	C	79.7	B	83.3	A		56.8		70.3		67.6		7.72		128.0		90.0		19.28		6		50.9		71.2	
820541	348	Hopewell	55.6	D	71.4	B	76.8	B		57.3		68.5		65.3		8.12		129.0		91.1		18.86		6		52.7		72.5	
820542	349	Vigoro 9812	64.3	C	83.3	A	78.6	B		57.8		70.2		65.9		7.74		117.2		87.3		19.11		6		52.0		70.1	
820543	351	Cooper	63.9	C	67.6	C	63.2	C		58.0		70.1		60.5	*	8.07		110.9		89.5		18.87		7		52.8		70.3	
820544	352	Bravo	58.2	D	71.8	B	58.0	D		58.3		69.0		58.7	*	8.92		99.8		84.7		18.63		6		51.8		69.4	
820545	353	25R47	72.9	B	94.3	A	76.7	B		58.0		71.9		65.3		7.51		115.6		82.6		19.78		7		51.9		66.2	
820546	354	Ebberts 501	45.5	E	50.2	D	41.2	E		59.7		66.4	Q	52.8	Q	8.50		111.1		90.7		18.23		6		57.0		71.9	
820547	355	AGI 205	70.7	B	79.4	B	72.7	B		57.3		71.5		63.9		7.56		131.3		87.9		18.92		7		51.4		68.7	
820548	357	Excel 410TW	59.0	D	78.1	B	64.6	C		58.0		69.1		61.0	*	8.09		101.1		85.3		18.28		6		53.0		69.2	
820549	358	Beck 122	69.7	C	77.2	B	68.8	C		57.6		71.3		62.5		8.02		128.2		86.9		19.04		5		49.3		68.2	
820550	360	Pioneer 25R56	46.9	E	48.6	E	34.4	F		56.5		66.7	Q	50.4	Q	8.60		87.8		89.5		17.70		7		54.3		71.7	
820551	361	Steyer EXP 701	48.4	E	83.2	A	75.8	B		53.8	Q	67.0	*	64.9		7.54		110.1		87.0		18.65		7		51.4		73.5	
820552	362	Porter PH 47	67.0	C	73.9	B	68.0	C		57.6		70.7		62.2		7.53		125.6		89.1		18.80		6		49.4		69.0	
820553	363	Kenton	66.5	C	66.2	C	65.9	C		59.5		70.6		61.5	*	7.60		138.5		91.8		19.46		5		51.9		70.2	
820554	364	W1377	46.1	E	52.1	D	53.0	D		61.0		66.6	Q	56.9	Q	8.16		117.0		93.5		18.11		6		56.2		74.2	
820555	365	Roane	48.8	E	45.7	E	63.6	C		61.5		67.1	*	60.7	*	8.20		126.0		98.7		18.60		6		55.4		75.3	
820556	366	W 133	57.5	D	65.0	C	48.8	E		58.5		68.8		55.5	Q	8.02		114.3		87.2		18.19		7		53.3		70.6	
820557	367	Beck 164	63.4	C	62.6	C	48.5	E		59.0		70.0		55.4	Q	7.60		117.6		89.0		18.55		7		52.4		69.6	
820558	368	Ebberts 575	57.2	D	66.8	C	73.3	B		57.4		68.8		64.1		8.52		123.0		91.4		18.23		5		52.3		73.5	
820559	369	RS 953	44.7	E	42.3	E	40.9	E		60.1		66.3	Q	52.7	Q	8.84		115.9		93.3		18.07		6		55.5		70.8	
820560	370	SC 1348	56.7	D	74.1	B	65.2	C		58.0		68.7		61.2	*	8.09		95.4		87.2		19.10		6		52.4		70.0	
820561	371	AGI 401	69.3	C	71.6	B	66.9	C		59.7		71.2		61.8		7.52		133.0		89.9		19.47		7		51.7		70.1	
820562	372	W 141	55.5	D	54.1	D	54.4	D		58.9		68.4		57.5	Q	7.82		102.5		93.7		18.36		6		54.9		74.4	
820563	376	TW110-062	77.2	B	91.4	A	70.6	B		58.4		72.8		63.1		7.54		120.2		82.2		19.72		7		49.5		66.2	
820564	377	Jewel	65.3	C	61.4	C	53.2	D		57.7		70.4		57.0	Q	8.29		114.7		89.3		18.49		6		51.2		71.9	
820565	384	Ebberts 518	65.0	C	79.0	B	75.1	B		59.5		70.3		64.7		8.12		123.4		87.5		19.27		6		51.4		70.0	
820566	385	Steyer - McLane	51.8	D	61.1	C	66.5	C		59.1		67.7	*	61.7	*	8.35		103.9		92.6		18.57		5		53.6		74.0	
820567	386	McCormick	54.6	D	51.3	D	57.8	D		61.6		68.3		58.6	*	9.08	*	113.5		93.1		18.09		6		54.7		73.3	
820568	387	Vigoro V9412	45.0	E	45.7	E	45.4	E		60.3		66.3	Q	54.3	Q	8.55		116.5		93.5		18.55		6		55.3		71.4	

EARLY GENERATION SCREENING EVALUATION
FOR SOFT WHEAT MILLING AND BAKING QUALITY
2008 CROP

Minyo - Ohio Cooperative Extension

Wooster, OH

Ohio Wheat Performance Nursery

STANDARD = Hopewell

SAMPLE		ENTRY	MILLING		BAKING		SOFT.		TEST		ADJ.		SOFT.		FLOUR		LACTIC		SUCROSE		COOKIE		TOP		WATER		SODIUM		
NO.			QUALITY		QUALITY		EQUIV.		WT.		YIELD		EQUIV.		PROT.		ACID		SRC		DIAM.		GR.		SRC		CARB.		
			SCORE		SCORE		SCORE		LB/BU		%		%		%		SRC		%		CM.				%		SRC		
*	STD =	Hopewell	55.6	D	71.4	B	76.8	B	57.3		68.5		65.3		8.12		129.0		91.1		18.86		6		52.7		72.5		
820569	388	Daisy	74.8	B	82.7	A	80.0	A	57.1		72.3		66.4		8.14		120.2		87.0		18.87		6		50.9		69.5		
820570	389	SC 1343	59.0	D	66.0	C	65.2	C	58.3		69.1		61.2	*	8.22		108.1		90.4		18.94		6		53.1		71.4		
820571	390	COKER 9436	60.3	C	56.0	D	50.9	D	58.6		69.4		56.2	Q	8.64		110.3		90.3		18.80		6		54.9		69.0		
820572	391	Tribute	53.6	D	40.7	E	45.5	E	61.7		68.1		54.3	Q	8.61		120.1		95.6		18.24		5		57.8		74.6		
820573	392	Pioneer 25R78	66.6	C	71.7	B	66.4	C	59.1		70.6		61.6	*	8.03		113.7		88.7		18.86		7		52.7		70.6		
820574	393	Honey	69.4	C	63.9	C	50.9	D	58.5		71.2		56.2	Q	8.02		89.4		88.2		18.85		7		52.6		68.5		
820575	394	Jordan	45.0	E	48.5	E	47.5	E	60.0		66.3	Q	55.0	Q	8.44		116.2		93.1		18.56		6		55.1		73.5		

EARLY GENERATION SCREENING EVALUATION
FOR SOFT WHEAT MILLING AND BAKING QUALITY
2007 CROP

Minyo - Ohio Cooperative Extension
Wooster, OH
Ohio Wheat Performance Nursery

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

		ENTRY	FHB	WEATHERING	SPROUTING	BLACK POINT	SHRIVELING AFTER CLEANING	COMMENTS
SAMPLE NO.			(0-3)	(Yes/No)	(0-3)	(0-3)	(0-3)	
820501	302	AGI 101	1-?	Y	1	1	2	0
820502	303	Freedom	1	Y	1	1	1	0
820503	304	AGI 103	1	Y	0	2	1	0
820504	305	VA03W-434	1	0	1	1	1	0
820505	306	Truman	1-?	?	1	1	1	0
820506	307	RS 942	1	Y	1	3	1	0
820507	308	VA03-409	1	0	1	2	2	0
820508	310	AGI 104	1-?	Y	1	1	1	0
820509	311	W 132	1	?	2	2	1	0
820510	312	W 121	2	Y	1	1	1	0
820511	313	Rupp 9XP41	1	Y	1	2	1	0
820512	314	Mo. 011126	1	Y	1	2	2	Few white
820513	315	Sunburst	1-?	Y	1	1	1	0
820514	317	SC 1339	1	Y	2-?	1	1	0
820515	318	Beck 117	1	Y	1	1	1	0
820516	319	Vigoro 9712	1-?	Y	1	1	1	0
820517	320	SC 1337	1	?	0	1	1	0
820518	322	Red Ruby	1	Y	1	1	1	0
820519	323	Genesis RO55	1	0	1	1	1	Few white
820520	324	Pioneer 25R62	1-?	Y	1	0	1	0
820521	325	RS 908	1	Y	0	1	1	0
820522	326	SC 1358	1	0	0	1	1	0
820523	327	Ebberts 514	1	?	1	2	1	0
820524	328	W 142	1	0	0	1	1	0
820525	329	Rupp 9XP24	1	?	1	2	1	White?
820526	330	Excel 423	1-?	Y	1	1	1	0
820527	331	WestBred Ex967	1	Y	0	2	2	0
820528	332	Genesis RO85	1	Y	1	2	1	0
820529	333	Steyer EXP 808	1	Y	1	2-?	2	0
820530	334	Benton	1-?	Y	1	0	2	0

EARLY GENERATION SCREENING EVALUATION
FOR SOFT WHEAT MILLING AND BAKING QUALITY
2007 CROP

Minyo - Ohio Cooperative Extension
Wooster, OH
Ohio Wheat Performance Nursery

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

		ENTRY	FHB	WEATHERING	SPROUTING	BLACK POINT	SHRIVELING AFTER CLEANING	COMMENTS
SAMPLE NO.			(0-3)	(Yes/No)	(0-3)	(0-3)	(0-3)	
820531	335	SC 1325	1	Y	1	1	1	0
820532	337	Ebberts 570	1	Y	1	2	1	0
820533	338	Steyer EXP 703	1-?	Y	1	1	1	0
820534	339	Cecil	1	Y	0	1	1	0
820535	340	W 122	1-?	Y	0	1	1	0
820536	341	Harley	1	Y	1	0	1	0
820537	344	SC 1318	1	Y	0	1	1	0
820538	345	Vigoro 9723	1	0	1	1	1	0
820539	346	SC 1298	1	0	1	1	1	0
820540	347	Branson	1	Y	1	1	1	0
820541	348	Hopewell	1	Y	0	0	2	0
820542	349	Vigoro 9812	1	Y	?	1	1	0
820543	351	Cooper	1-?	Y	?	1	2	0
820544	352	Bravo	1	Y	1	1	1	0
820545	353	25R47	1	Y	1	1	1	0
820546	354	Ebberts 501	1	?	1	1	1	0
820547	355	AGI 205	1	0	2	1	1	White (?)
820548	357	Excel 410TW	1	?	1	3	1	0
820549	358	Beck 122	1	?	1	1-?	1	0
820550	360	Pioneer 25R56	2-?	Y	1	1	1	Moldy
820551	361	Steyer EXP 701	1-?	Y	2	1	1	0
820552	362	Porter PH 47	1	0	1	1-?	1	0
820553	363	Kenton	1	?	0	1	1	0
820554	364	W1377	1	0	1	1-?	1	0
820555	365	Roane	1	0	1	1	1	0
820556	366	W 133	1-?	Y	1	0	1	0
820557	367	Beck 164	1	?	1	1	1	0
820558	368	Ebberts 575	1	Y	1	1	1	0
820559	369	RS 953	1-?	Y	1	1	1	0
820560	370	SC 1348	1	Y	1	2	1	0

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

						BLACK	SHRIVELING	
SAMPLE		ENTRY	FHB	WEATHERING	SPROUTING	POINT	AFTER	COMMENTS
NO.							CLEANING	
			(0-3)	(Yes/No)	(0-3)	(0-3)	(0-3)	
820561	371	AGI 401	1	0	0	1	1	0
820562	372	W 141	1	Y	1	3	1	0
820563	376	TW110-062	1	0	1	1	1	Whitte
820564	377	Jewel	1-?	0	3	1	1	White
820565	384	Ebberts 518	1	Y	?	0	1	0
820566	385	Steyer - McLane	1-?	Y	0	1-?	1	0
820567	386	McCormick	1	0	0	2	1	0
820568	387	Vigoro V9412	1	0	1	1	1	0
820569	388	Daisy	1	Y	?	1	1	0
820570	389	SC 1343	1	Y	1	1	1	0
820571	390	COKER 9436	1	Y	1	0	1	0
820572	391	Tribute	1	0	1	1	1	0
820573	392	Pioneer 25R78	1	?	1	1-?	1	0
820574	393	Honey	1	Y	1	1	1	0
820575	394	Jordan	1	Y	1	1	1	0

EARLY GENERATION SCREENING
EVALUATION SUMMARY
2008 CROP

Minyo - Ohio Cooperative Extension
Wooster, OH
Ohio Wheat Performance Nursery

		STD.		AVG.	
		DATA		DATA	
MILLING QUALITY SCORE		55.6	D	60.5	
BAKING QUALITY SCORE		71.4	B	66.7	
SE SCORE		76.8	B	62.3	

		STD.		AVG.		ADJ.		NOTATION		
		DATA		DATA		L.S.D.		BEGINS		
								*		Q
TEST WEIGHT		57.32		58.77		1.11		56.21		55.11
FLOUR YIELD		68.45		69.43		0.74		67.71		66.98
SOFTNESS EQUIV.		65.30		60.21		3.51		61.79		58.27
FLOUR PROTEIN		8.12		8.14		0.80		8.92		9.72
SUCROSE SRC		91.12		89.53		4.01				
LACTIC ACID SRC		129.04		116.05		5.68				

		A		B		C		D		E		F
MILLING SCORE		0		7		35		21		11		1
BAKING SCORE		9		25		23		9		8		1
SOFTNESS EQUIV. SCORE		2		15		29		16		11		2

TOTAL

75

Edwin Lentz
Fremont
Fertilizer Trial

SAMPLE		ENTRY	MILLING		BAKING		SOFT.		TEST		ADJ.		SOFT.		FLOUR		LACTIC		SUCROSE		COOKIE		TOP		WATER		SODIUM	
NO.			QUALITY		QUALITY		EQUIV.		WT.		YIELD		EQUIV.		PROT.		ACID		SRC		DIAM.		GR.		SRC		CARB.	
			SCORE		SCORE		SCORE		LB/BU		%		%		%		SRC		%		CM.				%		SRC	
		Hopewell	55.60	D	71.43	B	76.82	B	57.32		68.45		65.30		8.12		129.04		91.12		18.86		6.00		52.70		72.48	
Database	Average	Hopewell	58.5		73.5		76.4		62.3		70.1		59.6		8.4		118.4		89.7		18.2		4.4		51.5		67.1	
Database	St. Dev	Hopewell	4.8		7.0		1.7		1.4		0.4		1.3		0.5		7.9		3.6		0.3		1.6		1.6		1.1	

		Pioneer 25R47	72.93	B	94.35	A	76.73	B	57.98		71.91		65.27		7.51		115.59		82.55		19.78		7.00		51.93		66.20	
Database	Average	Pioneer 25R47	73.8		91.8		82.7		60.7		73.1		62.1		8.1		110.0		84.7		18.8		6.2		49.4		63.0	
Database	St. Dev	Pioneer 25R47	3.3		12.2		4.8		1.3		0.9		1.8		0.7		6.4		3.5		0.3		1.2		1.1		0.7	

		Tribute	53.59	D	40.71	E	45.50	E	61.70		68.05		54.33	Q	8.61		120.11		95.60		18.24		5.00		57.85		74.61	
Database	Average	Tribute	65.2		43.3		59.6		64.9		70.6		55.2		8.7		119.7		93.9		17.6		4.6		55.6		68.8	
Database	St. Dev	Tribute	3.1		7.7		3.9		2.1		1.0		1.9		0.7		5.7		3.3		0.5		1.1		1.9		1.1	

Conditional formatting set:

Blue = values less than two standard deviations from the mean of the database average

Black = values greater than two standard deviations from the mean of the database average