

ENTRY		MILLING	BAKING	SOFT.	TEST	ADJ.	SOFT.	FLOUR	LACTIC	SUCROSE	UNADJUSTED
		QUALITY	QUALITY	EQUIV.	WT.	YIELD	EQUIV.	PROT.	ACID	SRC	LACTIC ACID
		SCORE	SCORE	SCORE	LB/BU	%	%	%	SRC	%	SRC
#710304, PION. 2545	STD =	55.5	67.5	58.7	60.7	68.3	58.7	9.2	89.6	83.2	91.0
ERNIE	1	56.0	67.5	57.2	59.8	68.4	57.2	8.9	93.4	82.7	93.0
TRUMAN	2	58.9	66.4	55.2	62.2	69.0	55.2	9.1	92.2	81.3	93.1
FREEDOM	3	57.5	70.0	54.0	60.4	68.7	54.0	9.0	77.9	79.3	77.7
PIONEER 2545	4	55.5	67.5	58.7	60.7	68.3	58.7	9.2	89.6	83.2	91.0
NY88046-8138	5	66.8	78.8	58.2	60.3	70.5	58.2	8.8	73.5	78.9	71.9
NY93285SP-7343	6	58.5	77.3	55.1	60.2	68.9	55.1	9.0	80.9	76.9	80.8
NY93285-7110	7	57.3	71.4	54.2	59.9	68.7	54.2	9.6	78.9	77.6	82.8
NY91028SP-9082	8	48.4	67.9	58.5	60.9	66.9	58.5	9.8	77.2	81.7	82.6
NY93306-7901	9	62.5	64.6	55.7	61.5	69.7	55.7	9.4	95.7	82.0	98.4
KS04HW47-3	10	60.2	22.8	31.1	62.9	69.2	31.1	8.9	100.2	83.5	99.9
KS04HW101-3	11	61.3	42.5	41.7	62.7	69.5	41.7	8.5	95.0	83.5	91.4
P.011036A1-14	12	60.8	55.1	57.3	60.8	69.3	57.3	9.5	93.0	86.9	96.5
P.0111035A1-71	13	63.6	60.1	56.9	61.4	69.9	56.9	9.3	88.0	84.9	90.1
P.02444A1-23-6	14	58.0	54.3	57.3	60.3	68.8	57.3	8.5	94.7	89.2	91.2
P.03647A1-1	15	57.2	61.5	53.4	61.0	68.6	53.4	9.9	69.8	80.6	76.0
P.04287A1-10	16	70.8	66.2	51.0	60.1	71.4	51.0	8.5	74.5	79.8	71.0
NE01643	17	70.9	52.5	47.0	62.3	71.4	47.0	8.1	92.6	83.6	86.6
HARRY	18	61.3	37.2	48.1	60.2	69.5	48.1	9.1	106.0	88.9	106.7
NIO4421	19	67.0	47.2	47.5	61.4	70.6	47.5	8.8	102.9	84.9	101.4
NE046953	20	71.7	50.5	42.9	62.1	71.5	42.9	8.7	102.0	80.4	100.1
NE03490	21	73.1	57.0	49.3	62.1	71.8	49.3	8.5	107.7	82.7	103.9
MD01W233-06-11	22	57.1	53.5	58.4	62.2	68.6	58.4	10.0	93.8	87.3	100.8
M03-3002	23	63.4	63.1	56.1	61.2	69.9	56.1	9.1	86.1	83.5	86.7
M03-3104	24	53.6	66.3	58.3	58.7	67.9	58.3	8.7	89.4	84.6	87.0
M03-3616	25	55.4	68.0	58.5	59.7	68.3	58.5	9.4	82.7	82.5	85.2
M03*3877	26	68.1	64.2	59.0	61.9	70.8	59.0	8.7	105.8	85.8	103.7
M03*3861	27	69.3	63.4	58.9	61.0	71.0	58.9	8.5	106.8	86.5	103.5
RCUOG19/21	28	62.5	65.9	56.0	59.5	69.7	56.0	9.7	95.5	80.9	100.7
RCUOGF11020D/4	29	66.2	26.4	38.0	57.8	70.4	38.0	12.1	55.6	80.2	77.4
RCUOGF111202A/3	30	61.8	8.3	38.3	61.5	69.5	38.3	10.8	94.1	90.8	107.1
RCUOGDHACF110902D	31	66.0	27.1	40.5	62.0	70.4	40.5	12.0	58.6	82.0	79.3
RCUOGNS984-1	32	60.4	24.5	45.4	63.1	69.3	45.4	11.4	100.7	87.6	117.7
IL00-8530	33	72.7	72.1	57.6	61.5	71.7	57.6	8.7	103.0	81.5	100.9
IL01-11445	34	63.7	66.6	61.7	60.9	69.9	61.7	8.8	105.7	86.6	104.1
IL01-11934	35	66.0	69.0	57.8	62.6	70.4	57.8	8.8	99.8	82.8	98.2
IL02-19463	36	56.6	51.3	61.4	60.9	68.5	61.4	10.1	106.1	90.1	113.8
IL02-23168	37	63.6	64.5	56.1	62.5	69.9	56.1	10.1	100.0	80.8	107.7
KY97C-0540-01-03	38	56.1	53.4	57.7	63.4	68.4	57.7	9.2	114.9	88.6	116.2
KY97C-0554-03-06	39	68.9	39.4	46.3	61.7	70.9	46.3	9.5	97.1	85.9	100.6
KY97C-0554-04-05	40	79.8	44.3	48.2	61.8	73.1	48.2	9.7	91.5	84.7	96.6
KY97C-0508-01-01A-1	41	53.4	54.9	58.2	60.5	67.9	58.2	9.3	106.6	87.9	109.0
KY97C-0554-03-02	42	73.4	47.2	48.0	62.3	71.9	48.0	8.7	100.6	85.4	98.6
MO 040165	43	57.1	59.4	56.0	61.0	68.6	56.0	9.4	97.2	84.4	99.8
MO 050101	44	57.4	57.2	55.9	61.7	68.7	55.9	9.6	90.2	84.8	94.6
MO 050143	45	56.4	61.7	56.7	60.5	68.5	56.7	9.2	96.4	84.3	97.6
MO 050197	46	61.9	61.0	52.9	62.9	69.5	52.9	9.8	96.6	80.7	102.3
MSU LINE E0323	47	67.4	76.5	56.2	59.6	70.7	56.2	8.9	91.5	78.2	90.9
MSU LINE E5015	48	57.4	60.5	59.1	59.9	68.7	59.1	9.2	94.4	86.4	95.9
MSU LINE E6001	49	43.8	29.7	52.0	61.2	66.0	52.0	10.4	89.5	92.2	99.6
MSU LINE E6002	50	54.8	49.5	48.2	61.7	68.2	48.2	9.3	85.3	83.5	87.0
MSU LINE E6003	51	58.6	47.6	50.6	63.0	68.9	50.6	10.8	101.4	82.8	113.8
VA06W-600	52	56.8	50.0	63.8	59.5	68.5	63.8	8.8	109.7	95.1	108.0
VA06W-602	53	69.1	65.4	58.9	60.4	71.0	58.9	8.7	102.7	85.3	100.6

#710304, PION. 2545

ENTRY		MILLING	BAKING	SOFT.	TEST	ADJ.	SOFT.	FLOUR	LACTIC	SUCROSE	UNADJUSTED
		QUALITY	QUALITY	EQUIV.	WT.	YIELD	EQUIV.	PROT.	ACID	SRC	LACTIC ACID
		SCORE	SCORE	SCORE	LB/BU	%	%	%	SRC	%	SRC
#710304, PION. 2545	STD =	55.5	67.5	58.7	60.7	68.3	58.7	9.2	89.6	83.2	91.0
VA06W-587	54	59.4	67.6	57.9	62.8	69.1	57.9	8.2	96.3	84.8	90.3
VA06W-594	55	63.0	55.0	56.7	62.8	69.8	56.7	9.5	97.7	86.5	101.5
VA06W-585	56	59.1	55.8	56.5	63.1	69.0	56.5	8.6	91.6	88.0	88.5
OH02-15978	57	52.0	62.0	61.2	61.0	67.6	61.2	8.8	109.3	88.2	107.8
OH02-12678	58	60.6	62.9	56.2	60.9	69.3	56.2	8.8	88.3	84.2	86.9
OH02-12686	59	53.9	51.5	51.3	62.1	68.0	51.3	9.3	84.3	84.7	86.2
OH02-13567	60	66.3	69.8	56.2	60.5	70.4	56.2	8.5	90.6	81.8	87.4

Standard Error 2.4 4.9 1.7 1.2 0.5 1.7 0.5 4.2 1.3 3.4

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

CARL GRIFFEY
NUWWSN

STANDARD = #711630, ERNIE

SAMPLE NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	SOFT. EQUIV. SCORE	TEST WT. LB/BU	ADJ. YIELD %	SOFT. EQUIV. %	FLOUR PROT. %	LACTIC ACID SRC	SUCROSE %
*	STD = #711630, ERNIE	54.6	D 75.8	B 75.7	B 62.5	69.3	55.3	9.30	85.0	82.3
711630	1 ERNIE	54.6	D 75.8	B 75.7	B 62.5	69.3	55.3	9.30	85.0	82.3
711631	2 TRUMAN	55.1	D 78.3	B 77.8	B 62.6	69.4	56.0	9.78	89.7	80.8
711632	3 FREEDOM	50.6	D 80.4	A 67.6	C 60.8	* 68.5	* 52.4	9.26	70.9	78.4
711633	4 PIONEER 2545	50.2	D 78.2	B 86.0	A 61.2	* 68.4	* 58.9	9.62	82.3	83.1
711634	5 NY88046-8138	60.9	C 93.7	A 87.5	A 59.6	Q 70.5	59.4	9.10	65.8	77.9
711635	6 NY93285SP-7343	52.6	D 89.2	A 75.7	B 60.0	Q 68.9	55.3	9.59	72.1	76.0
711636	7 NY93285-7110	50.5	D 81.8	A 72.5	B 59.3	Q 68.5	* 54.2	10.07	68.1	77.4
711637	8 NY91028SP-9082	44.7	E 85.0	A 91.5	A 60.8	* 67.3	Q 60.8	10.22	* 74.4	80.3
711638	9 NY93306-7091	54.1	D 73.8	B 77.5	B 62.6	69.2	55.9	10.18	90.5	81.8
711639	10 KS04HW47-3	48.2	E 32.5	F -4.0	F 63.7	68.0	* 27.4	Q 7.64	109.1	84.7
711640	11 KS04HW101-3	53.5	D 38.7	F 22.4	F 63.4	69.1	36.6	Q 9.15	97.9	85.5
711641	12 P.011035A1-71	60.2	C 69.9	B 74.0	B 62.0	70.4	54.7	10.21	83.0	82.5
711642	13 P.011036A1-14	54.5	D 56.9	D 72.1	B 63.9	69.3	54.0	10.15	83.0	87.8
711643	14 P.02444A1-23-6	53.8	D 60.4	C 72.5	B 62.6	69.1	54.2	9.37	90.0	87.9
711644	15 P.03647A1-1	51.2	D 67.5	C 62.5	C 62.4	68.6	50.6	* 10.81	* 63.0	79.5
711645	16 P.04287A1-10	66.0	C 64.1	C 49.0	E 61.1	* 71.6	45.9	Q 9.72	68.4	79.9
711646	17 NE01643	67.0	C 58.3	D 46.5	E 63.8	71.8	45.0	Q 8.42	90.8	84.5
711647	18 HARRY	54.0	D 51.2	D 61.1	C 60.1	* 69.2	50.2	* 8.45	110.3	91.0
711648	19 NI04421	57.1	D 48.5	E 43.0	E 61.4	69.8	43.8	Q 8.55	104.1	87.5
711649	20 NE04653	66.7	C 56.2	D 31.8	F 63.1	71.7	39.9	Q 8.95	107.4	80.7
711650	21 NE03490	63.8	C 58.3	D 48.5	E 63.2	71.1	45.7	Q 8.55	110.6	84.7
711651	22 MD01W233-06-11	56.3	D 61.4	C 81.0	A 63.7	69.6	57.1	10.63	* 93.3	87.0
711652	23 M03-3002	58.6	D 69.9	B 73.7	B 62.4	70.1	54.6	9.71	82.3	83.5
711653	24 M03-3104	48.5	E 69.8	C 79.2	B 59.8	Q 68.1	* 56.5	9.72	87.0	84.9
711654	25 M03-3616	52.3	D 77.9	B 81.2	A 59.8	Q 68.8	57.2	9.74	79.0	81.8
711655	26 M03*3877	63.3	C 72.6	B 82.9	A 63.5	71.0	57.8	9.25	102.5	85.5
711656	27 M03*3861	64.6	C 69.1	C 82.5	A 62.0	71.3	57.6	9.23	104.1	87.0
711657	28 RCUOG19/21	57.6	D 73.9	B 78.0	B 59.0	Q 69.9	56.1	10.47	* 91.9	81.3
711658	29 RCUOGF110202D/4	62.8	C 40.4	E 24.2	F 58.6	Q 70.9	37.3	Q 12.03	Q 59.1	79.2

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

CARL GRIFFEY
NUWWSN

STANDARD = #711630, ERNIE

SAMPLE NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	SOFT. EQUIV. SCORE	TEST WT. LB/BU	ADJ. YIELD %	SOFT. EQUIV. %	FLOUR PROT. %	LACTIC ACID SRC	SUCROSE SRC %
*	STD = #711630, ERNIE	54.6	D 75.8	B 75.7	B 62.5	69.3	55.3	9.30	85.0	82.3
711659	30 RCUOGF11202A/3	54.6	D 21.5	F 21.9	F 61.5	69.3	36.5	Q 10.38	* 98.2	90.2
711660	31 RCUOGDHACF1109O2D	61.2	C 39.4	F 34.1	F	70.6	40.7	Q 11.82	Q 63.2	82.5
711661	32 RCUOGNS984-1	49.9	D 21.8	F 40.9	E 63.9	68.4	* 43.1	Q 12.87	Q 98.6	89.5
711662	33 IL00-8530	68.6	C 80.4	A 79.3	B 61.7	72.1	56.5	9.03	100.8	81.8
711663	34 IL01-11445	60.7	C 79.9	A 99.7	A 60.1	* 70.5	63.7	8.80	106.9	87.5
711664	35 IL01-11934	62.1	C 79.5	B 83.9	A 63.7	70.8	58.1	9.19	99.9	82.9
711665	36 IL02-19463	54.4	D 60.2	C 86.0	A 61.9	69.2	58.9	11.19	Q 98.8	87.6
711666	37 IL02-23168	61.2	C 76.0	B 70.7	B 63.4	70.6	53.5	9.65	102.3	80.2
711667	38 KY97C-0540-01-03	49.6	E 64.6	C 80.8	A 64.6	68.3	* 57.1	9.60	114.6	87.7
711668	39 KY97C-0554-03-06	59.9	C 41.7	E 38.3	F 63.3	70.3	42.2	Q 9.68	97.6	87.0
711669	40 KY97C-0554-04-05	71.2	B 44.3	E 43.3	E 63.6	72.6	43.9	Q 10.66	* 88.9	85.1
711670	41 KY97C-0508-01-01A-1	48.6	E 63.9	C 80.5	A 61.4	68.1	* 57.0	9.92	107.5	87.3
711671	42 KY97C-0554-03-02	65.6	C 51.8	D 45.5	E 64.1	71.5	44.7	Q 8.42	105.9	87.0
711672	43 MO 040165	52.7	D 69.1	C 75.3	B 61.6	68.9	55.1	9.77	96.1	84.1
711673	44 MO 050101	54.8	D 67.2	C 73.5	B 63.4	69.3	54.5	10.10	90.3	83.8
711674	45 MO 050143	53.5	D 69.3	C 79.2	B 61.2	* 69.1	56.5	9.54	98.1	85.4
711675	46 MO 050197	55.9	D 76.7	B 69.5	C 63.8	69.5	53.1	9.87	92.4	79.2
711676	47 MSU Line E3023	63.5	C 86.3	A 81.6	A 59.2	Q 71.1	57.3	9.74	88.6	78.3
711677	48 MSU Line E5015	51.4	D 63.1	C 81.1	A 61.0	* 68.7	57.2	10.47	* 87.2	86.6
711678	49 MSU Line E6001	41.4	E 33.3	F 61.1	C 61.8	66.7	Q 50.2	* 11.03	* 85.7	93.4
711679	50 MSU Line E6002	50.5	D 62.9	C 54.6	D 62.0	68.5	* 47.9	Q 9.26	84.4	82.8
711680	51 MSU Line E6003	54.5	D 58.1	D 69.1	C 62.3	69.3	53.0	10.67	* 99.8	85.4
711681	52 VA06W-600	52.3	D 53.9	D 97.1	A 60.3	* 68.8	62.8	9.54	105.7	96.4
711682	53 VA06W-602	67.3	C 71.5	B 82.3	A 61.0	* 71.8	57.6	9.25	100.6	85.9
711683	54 VA06W-587	54.9	D 75.8	B 79.5	B 63.8	69.4	56.6	8.26	91.2	85.4
711684	55 VA06W-594	56.5	D 59.3	D 71.8	B 65.0	69.7	53.9	10.35	* 89.8	86.3
711685	56 VA06W-585	53.5	D 62.2	C 71.0	B 63.6	69.1	53.6	9.39	90.8	86.8
711686	57 OH02-15978	46.2	E 63.7	C 88.7	A 61.0	* 67.6	Q 59.8	9.45	110.1	90.3
711687	58 OH02-12678	53.9	D 68.6	C 73.6	B 60.6	* 69.1	54.6	9.19	87.2	85.1

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

CARL GRIFFEY
NUWWSN

STANDARD = #711630, ERNIE

SAMPLE NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	SOFT. EQUIV. SCORE	TEST WT. LB/BU	ADJ. YIELD %	SOFT. EQUIV. %	FLOUR PROT. %	LACTIC ACID SRC	SUCROSE %
*	STD = #711630, ERNIE	54.6	D 75.8	B 75.7	B 62.5	69.3	55.3	9.30	85.0	82.3
711688	59 OH02-12686	46.4	E 58.4	D 66.1	C 62.5	67.7	Q 51.9	* 10.25	* 82.5	85.4
711689	60 OH02-13567	59.7	D 71.9	B 72.6	B 61.8	70.3	54.2	9.50	86.8	82.8

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

GRAIN CONDITION SCALE

CARL GRIFFEY
NUWWSN

FHB, SPROUTING and BLACK POINT

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

VA

SHRIVELING

0 None
1 Some
2 Moderate
3 Heavy

SAMPLE NO.	ENTRY	FHB (0-3)	WEATHERING (Yes/No)	SPROUTING (0-3)	BLACK POINT (0-3)	SHRIVELING AFTER CLEANING (0-3)	COMMENTS
711630	1 ERNIE		N		1		
711631	2 TRUMAN		N		1		
711632	3 FREEDOM		N			1	
711633	4 PIONEER 2545		N				
711634	5 NY88046-8138		N		1		White
711635	6 NY93285SP-7343		N		1		White
711636	7 NY93285-7110		N				White
711637	8 NY91028SP-9082		N		1	1	White
711638	9 NY93306-7091		N				White
711639	10 KS04HW47-3		N			1	White
711640	11 KS04HW101-3	?	N				White
711641	12 P.011035A1-71		N		1	1	
711642	13 P.011036A1-14		N		1	1	
711643	14 P.02444A1-23-6		N			1	
711644	15 P.03647A1-1		N			1	
711645	16 P.04287A1-10		N			1	
711646	17 NE01643		N		1		
711647	18 HARRY		N			1	
711648	19 NI04421		N		1	1	
711649	20 NE04653		N		1	1	
711650	21 NE03490		N		1	1	
711651	22 MD01W233-06-11		N				
711652	23 M03-3002		N		1		
711653	24 M03-3104		N		1	1	
711654	25 M03-3616		N		1		
711655	26 M03*3877		N		1	1	
711656	27 M03*3861		N		1		
711657	28 RCUOG19/21		N		2		White
711658	29 RCUOGF110202D/4		N		1		
711659	30 RCUOGF111202A/3		N		1	2?	

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

GRAIN CONDITION SCALE

CARL GRIFFEY
 NUWWSN

FHB, SPROUTING and BLACK POINT

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

VA

SHRIVELING

0 None
 1 Some
 2 Moderate
 3 Heavy

SAMPLE NO.	ENTRY	FHB (0-3)	WEATHERING (Yes/No)	SPROUTING (0-3)	BLACK POINT (0-3)	SHRIVELING AFTER CLEANING (0-3)	COMMENTS
711660	31 RCUOGDHACF1109O2D		N				
711661	32 RCUOGNS984-1		N			1	
711662	33 IL00-8530		N				
711663	34 IL01-11445		N		1		
711664	35 IL01-11934		N				
711665	36 IL02-19463		N				
711666	37 IL02-23168		N		1		
711667	38 KY97C-0540-01-03		N			1	
711668	39 KY97C-0554-03-06		N				
711669	40 KY97C-0554-04-05		N				
711670	41 KY97C-0508-01-01A-1		N				
711671	42 KY97C-0554-03-02		N				
711672	43 MO 040165		N		1		
711673	44 MO 050101		N				
711674	45 MO 050143		N				
711675	46 MO 050197		N				
711676	47 MSU Line E3023		N		1	1	White
711677	48 MSU Line E5015		N		1		White
711678	49 MSU Line E6001		N			1	
711679	50 MSU Line E6002		N		1		White
711680	51 MSU Line E6003		N				White
711681	52 VA06W-600		N				
711682	53 VA06W-602		N				
711683	54 VA06W-587		N				
711684	55 VA06W-594		N				
711685	56 VA06W-585		N		?		
711686	57 OH02-15978		N				
711687	58 OH02-12678		N				
711688	59 OH02-12686		N				
711689	60 OH02-13567		N				

EARLY GENERATION SCREENING
EVALUATION SUMMARY
2007 CROP

CARL GRIFFEY
NUWWSN

	STD.		AVG.	
	DATA		DATA	
MILLING QUALITY SCORE	54.6	D	56.2	
BAKING QUALITY SCORE	75.8	B	63.8	
SE SCORE	75.7	B	67.1	

	STD.		AVG.		ADJ.		NOTATION		
	DATA		DATA		L.S.D.		BEGINS		
							*		Q
TEST WEIGHT	62.50		62.00		1.21		61.29		60.08
FLOUR YIELD	69.29		69.60		0.75		68.54		67.80
SOFTNESS EQUIV.	55.28		52.27		2.97		52.30		49.33
FLOUR PROTEIN	9.30		9.74		0.91		10.22		11.13
SUCROSE SRC	82.29		84.40		3.62				
LACTIC ACID SRC	84.98		91.10		3.74				

	A	B	C	D	E	F
MILLING SCORE	0	1	18	33	8	0
BAKING SCORE	8	15	17	10	4	6
SOFTNESS EQUIV. SCORE	17	21	7	1	7	7

TOTAL

60

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

CARL GRIFFEY
 NUWWSN

STANDARD = #711630, ERNIE

SAMPLE NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	SOFT. EQUIV. SCORE	TEST WT. LB/BU	ADJ. YIELD %
711630	1 ERNIE	54.6	D 75.8	B 75.7	B 62.5	69.3
(Database)	ERNIE	54.6	D 75.8	B 75.7	B 60.1	68.2
711632	3 FREEDOM	50.6	D 80.4	A 67.6	C 60.8	68.5

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

HERB OHM
PURDUE UNIVERSITY
NUWWSN

STANDARD = #710304, PION. 2545

SAMPLE NO.		ENTRY	MILLING QUALITY SCORE		BAKING QUALITY SCORE		SOFT. EQUIV. SCORE		TEST WT. LB/BU		ADJ. YIELD %
*	STD =	#710304, PION. 2545	60.7	C	56.7	D	68.6	C	60.1		68.1
710306	207	NY93285SP-7343	64.3	C	65.3	C	57.8	D	60.4		68.8
710307	208	NY93285-7110	64.0	C	60.9	C	56.0	D	60.4		68.8
710347	248	MSU LINE E0323	71.3	B	66.7	C	58.9	D	60.0		70.2
710316	217	04287A1-10	75.6	B	68.3	C	61.4	C	59.0		71.1
710305	206	NY88046-8138	72.6	B	63.8	C	64.3	C	60.9		70.5
710320	221	NEO46953	76.7	B	44.7	E	32.2	F	61.0		71.3
710351	252	MSU LINE E6003	62.7	C	37.1	F	38.8	F	63.6		68.5
710303	204	FREEDOM	64.4	C	59.5	D	59.9	D	59.9		68.8
710328	229	RCUOG19/21	67.4	C	57.8	D	61.1	C	60.0		69.4
710321	222	NEO3490	82.3	A	55.6	D	52.5	D	60.9		72.4
710360	261	OH02-13567	72.8	B	67.6	C	67.3	C	59.2		70.5
710333	234	IL00-8530	76.8	B	63.7	C	68.8	C	61.3		71.3
710329	230	RCUOGF11020D/4	69.6	C	12.3	F	11.6	F			69.9
710337	238	IL02-23168	66.0	C	52.9	D	68.8	C	61.5		69.2
710311	212	KS04HW101-3	69.0	C	46.3	E	35.0	F	61.9		69.8

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

GRAIN CONDITION SCALE

HERB OHM
 PURDUE UNIVERSITY
 NUWWSN

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

SAMPLE NO.	ENTRY	FHB (0-3)	WEATHERING (Yes/No)	SPROUTING (0-3)	BLACK POINT (0-3)	SHRIVELING AFTER CLEANING (0-3)	COMMENTS
710301	202 ERNIE	1			1	1	
710302	203 TRUMAN	1			1	1	
710303	204 FREEDOM	1			2	1	Rough seed coat
710304	205 PIONEER 2545	1		?	1	1	Rough seed coat
710305	206 NY88046-8138	1		2-?	2	1	White w/few red
710306	207 NY93285SP-7343	1-?		2	1	1	White w/few red
710307	208 NY93285-7110	1-?		2-?	2	1	White w/few red
710308	209 NY91028SP-9082	1		2	1	1	Red & white
710309	210 NY93306-7901	1		2	1	1	White w/some red
710310	211 KS04HW47-3	1		1	2	2	White
710311	212 KS04HW101-3	1		1-?	2	1	White w/some red
710312	213 0111035A1-71	1-?			2	1	Rough seed coat
710313	214 011036A1-14	1-?			2	2	
710314	215 02444A1-23-6	1			1	2	
710315	216 03647A1-1	1		?	2	1	
710316	217 04287A1-10	1			2	1	
710317	218 NEO1643	1			1	1	
710318	219 HARRY	2	Y	3	2	1	
710319	220 NIO4421	3			1	1	
710320	221 NEO46953	1		2	2	2	
710321	222 NEO3490	2		1	1	1	
710322	223 MD01W233-06-11			1	1	1	
710323	224 M03-3002	1-?		1	2	1	
710324	225 M03-3104	1		1	1	1	Rough seed coat
710325	226 M03-3616	2		1	2	1	
710326	227 M03*3877	1		1	2	1	
710327	228 M03*3861	1		1	2	2	
710328	229 RCUOG19/21	1		2-?	2	1	White w/some red
710329	230 RCUOGF11020D/4	1-?		1	1		Red w/few white
710330	231 RCUOGF111202A/3	1-?		?	1	2	

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

HERB OHM
 PURDUE UNIVERSITY
 NUWWSN

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

SAMPLE NO.	ENTRY	FHB (0-3)	WEATHERING (Yes/No)	SPROUTING (0-3)	BLACK POINT (0-3)	SHRIVELING AFTER CLEANING (0-3)	COMMENTS
710331	232 RCUOGDHACF110902D	2-?		1	1	1	Red w/few white
710332	233 RCUOGNS984-1	1			1	1	
710333	234 IL00-8530	1			1	1	
710334	235 IL01-11445	1-?			2	1	
710335	236 IL01-11934	1		1	1	1	
710336	237 IL02-19463	1-?		1-?	1	1	
710337	238 IL02-23168	1-?		?	1	1	
710338	239 KY97C-0540-01-03	1-?		1	2	1	
710339	240 KY97C-0554-03-06	2-?			1	1	Rough seed coat
710340	241 KY97C-0554-04-05	1		?	1	1	
710341	242 KY97C-0508-01-01A-1	2			2	1	Rough seed coat
710342	243 KY97C-0554-03-05	2				1	
710343	244 MO040165	1		?	1	1	Red w/few white
710344	245 MO050101	1-?			1	1	
710345	246 MO050143	1-?		?	2	1	
710346	247 MO050197	1			1	1	
710347	248 MSU LINE E0323	1-?		2	1	1	White
710348	249 MSU LINE E5015	1		1-?	1	1	White
710349	250 MSU LINE E6001	2		?	1	1	
710350	251 MSU LINE E6002	1		3	3	1	White
710351	252 MSU LINE E6003	1-?		1-?	2	1	White
710352	253 VA06W-600	1-?			1	1	
710353	254 VA02-602	1-?			1	1	
710354	255 VA06W-587	1			1	1	
710355	256 VA06W-594	1			1	1	
710356	257 VA06W-585	1		?	2	1	
710357	258 OH02-15978	1-?			1	1	Red w/few white
710358	259 OH02-12678	1-?		?	1	1	
710359	260 OH02-12686	1-?		1-?	2	1	Rough seed coat
710360	261 OH02-13567	1			1	1	Rough seed coat

EARLY GENERATION SCREENING
EVALUATION SUMMARY
2007 CROP

HERB OHM
PURDUE UNIVERSITY
NUWWSN

	STD.		AVG.	
	DATA		DATA	
MILLING QUALITY SCORE	60.7	C	66.8	
BAKING QUALITY SCORE	56.7	D	48.6	
SE SCORE	68.6	C	58.3	

	STD.		AVG.		ADJ.		NOTATION		
	DATA		DATA		L.S.D.		BEGINS		
							*		Q
TEST WEIGHT	60.10		60.48		1.16		58.93		57.77
FLOUR YIELD	68.10		69.32		0.73		67.37		66.64
SOFTNESS EQUIV.	58.52		54.91		3.15		55.38		52.23
FLOUR PROTEIN	8.76		8.86		0.86		9.62		10.49
SUCROSE SRC	83.28		84.02		3.66				
LACTIC ACID SRC	96.87		95.30		4.26				

	A	B	C	D	E	F
MILLING SCORE	3	17	29	10	1	0
BAKING SCORE	0	0	10	22	18	10
SOFTNESS EQUIV. SCORE	3	16	16	10	5	10

TOTAL

60

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

HERB OHM
PURDUE UNIVERSITY
NUWWSN

STANDARD = #710304, PION. 2545

SAMPLE NO.	ENTRY	MILLING QUALITY SCORE	BAKING QUALITY SCORE	SOFT. EQUIV. SCORE	TEST WT. LB/BU	ADJ. YIELD %	SOFT. EQUIV. %	FLOUR PROT. %	LACTIC ACID SRC	SUCROSE %			
710301	202 ERNIE	57.4	D	59.2	D	70.2	B	57.0	67.4	59.1	8.58	101.8	83.0
(Database)	ERNIE	54.6	D	75.8	B	75.7	B	60.1	68.2	54.2	8.50	87.2	86.8
710303	204 FREEDOM	64.4	C	59.5	D	59.9	D	59.9	68.8	55.5	8.70	84.8	80.1
(Database)	FREEDOM	61.4	C	54.5	D	64.8	C	60.2	69.4	53.0	8.50	80.0	87.8
710304	205 PIONEER 2545	60.7	C	56.7	D	68.6	C	60.1	68.1	58.5	8.76	96.9	83.3
(Database)	PIONEER 2545	60.7	C	56.7	D	68.6	C	60.1	66.7	55.2	8.90	85.7	83.7
710302	203 TRUMAN	62.7	C	54.5	D	56.4	D	61.8	68.5	54.3	8.49	94.7	81.8
(Database)	TRUMAN	62.6	C	38.0	F	64.1	C	61.3	69.5	55.7	8.40	86.7	82.6