

MSU Wheat Performance Trial Results: 1998

Multi-year data are the most informative. MSU makes no endorsement of any variety or brand.

Table 1

Name	grain color	Yield: Bushels/acre				Test Weight: lbs/bu				Plant Height (inches)		Lodging score (0-9)		Flowering Date (days past Jan.1)		% Grain Moisture @Harvest		Blackpoint % kernels affected	Wheat Spindle Streak Virus Score (0-9)		Powdery Mildew Score (0-9)		Septoria spp. leaf blotch lower leaves Score (0-9)	Septoria spp. glume blotch Score (0-9)	
		multi-year averages				multi-year averages				2-yr avg		2-yr avg		2-yr avg		2-yr avg			2-yr avg						
		1998	97/98	96-98	95-98	1998	97/98	96-98	95-98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1997	1997
		1998	97/98	96-98	95-98	1998	97/98	96-98	95-98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1998	97/98	1997	1997
Pioneer Variety 2552	R	79.2	81.6	69.1	72.8	59.4	59.3	58.8	59.1	33.5	35.1	2.3	1.5	143.1	154.1	13.3	13.5	3.5	0.4	1.0	0.0	0.3	0.9	2.5	
Roane	R	74.9	.	.	.	59.1	.	.	.	30.5	.	5.4	.	141.1	.	13.7	.	1.0	4.8	.	0.3	.	.	.	
Navigator	R	74.3	74.1	60.9	65.3	56.4	55.7	55.3	56.1	31.7	33.1	0.9	1.7	142.0	153.0	12.1	12.0	2.5	7.8	7.5	2.5	3.1	5.7	4.0	
Glory	R	72.9	76.3	64.8	.	57.4	57.4	56.9	.	33.3	35.3	3.0	3.4	140.5	152.0	12.6	12.6	3.5	4.8	4.6	5.0	5.3	3.7	2.2	
Genesis 9953	R	71.2	.	.	.	57.3	.	.	.	33.7	.	4.1	.	143.0	.	11.7	.	0.5	9.2	.	5.1	.	.	.	
Quantum 7203	R	70.6	.	.	.	57.9	.	.	.	35.1	.	2.4	.	140.5	.	12.8	.	5.5	8.0	.	4.9	.	.	.	
Pioneer Variety 25R57	R	70.5	73.2	.	.	56.8	56.7	.	.	32.9	35.1	1.8	2.4	140.2	152.4	12.0	12.2	2.5	6.8	7.0	4.7	3.9	4.6	3.0	
Stine 455	R	70.3	.	.	.	56.6	.	.	.	33.9	.	4.3	.	143.5	.	11.8	.	0.5	8.2	.	5.6	.	.	.	
Quantum 706	R	69.5	75.0	70.8	.	57.1	57.1	57.5	.	36.0	38.1	1.4	2.4	145.2	154.6	12.7	12.8	10.0	5.0	4.4	6.3	5.8	7.0	2.6	
Caledonia	W	69.2	74.0	.	.	56.1	56.4	.	.	33.0	35.2	1.7	2.5	145.8	155.9	12.2	12.4	8.5	3.2	3.2	4.3	4.7	4.6	2.8	
GR 962	R	69.2	73.5	59.8	.	57.4	56.5	55.7	.	33.8	35.0	2.2	1.7	139.6	151.6	12.1	12.0	0.0	4.2	2.7	4.6	5.3	5.5	8.5	
Citron	R	68.8	.	.	.	57.1	.	.	.	35.0	.	3.4	.	141.0	.	12.1	.	1.0	8.3	.	3.6	.	.	.	
Pioneer Variety 25R26	R	68.2	74.2	.	.	56.1	56.0	.	.	30.9	33.4	1.8	1.9	145.0	155.0	12.0	12.1	0.0	2.0	1.8	5.0	5.2	2.5	1.3	
IL 90-7514	R	67.7	.	.	.	58.8	.	.	.	36.4	.	3.8	.	143.5	.	12.9	.	0.5	8.9	.	8.2	.	.	.	
PS 812	R	67.5	.	.	.	57.2	.	.	.	35.2	.	4.0	.	141.5	.	12.0	.	5.0	6.9	.	3.5	.	.	.	
Wakefield	R	67.4	73.3	64.6	68.3	56.3	57.1	57.1	57.5	35.8	37.5	3.8	4.6	145.8	154.9	12.6	12.9	3.0	4.2	5.0	4.8	4.9	2.8	2.6	
Countrymark 569W	R	67.4	71.4	.	.	57.6	57.3	.	.	36.9	38.9	2.8	3.8	144.3	154.7	12.7	12.9	3.5	3.0	2.7	5.0	5.3	3.1	3.9	
Pioneer Variety 2568	R	67.3	73.4	65.2	.	56.4	56.9	56.9	.	32.3	34.1	1.9	2.0	141.0	152.5	11.7	12.2	22.5	3.3	2.3	7.2	7.2	4.6	2.6	
Pioneer Variety 2540	R	67.0	71.7	64.6	.	56.9	57.2	57.3	.	32.4	34.9	1.4	0.9	147.3	157.7	12.1	12.4	7.5	4.1	3.3	5.7	5.1	1.7	1.0	
Harus	W	66.7	69.1	60.7	62.6	56.6	56.9	57.1	57.2	37.8	39.9	2.4	3.2	148.1	156.1	12.8	12.8	2.0	6.7	7.6	4.1	4.4	4.7	5.0	
AC RON	W	66.7	71.8	63.7	.	56.2	56.6	56.1	.	39.0	41.0	1.3	2.6	148.6	157.3	12.7	12.7	5.0	7.2	7.5	5.7	5.7	4.6	2.5	
PS 1359	R	66.6	69.9	.	.	57.6	57.1	.	.	33.1	35.1	2.0	2.9	141.7	152.9	12.8	12.6	10.0	7.2	5.1	4.4	4.5	5.0	4.3	
NC RW1488	R	66.6	.	.	.	57.0	.	.	.	34.3	.	3.4	.	141.3	.	12.1	.	2.0	8.1	.	3.4	.	.	.	
Pioneer Variety 25W33	W	66.3	71.3	.	.	55.2	55.4	.	.	31.5	33.9	1.3	2.2	145.1	155.6	11.3	11.6	0.5	1.9	1.5	2.2	2.3	3.7	2.1	
Genesis 9959	R	65.8	.	.	.	57.4	.	.	.	36.6	.	1.9	.	144.4	.	12.4	.	3.5	3.1	.	5.3	.	.	.	
Stine 480	R	65.7	70.9	63.7	.	57.3	56.7	56.7	.	36.0	38.1	2.6	3.3	143.5	154.3	12.4	12.6	9.5	3.1	2.5	7.7	8.1	4.3	2.8	
Patterson	R	64.9	65.9	.	.	58.1	57.2	.	.	34.4	37.0	4.1	4.7	140.4	151.7	12.7	12.6	4.0	3.7	2.9	8.3	8.5	4.0	9.0	
Bavaria	W	64.8	69.7	60.6	64.3	57.1	57.3	57.0	57.3	37.7	40.6	2.3	2.4	150.5	159.0	13.0	13.1	0.0	4.1	3.4	6.2	6.6	4.8	3.1	
Lowell	W	64.6	69.4	61.6	64.4	55.4	55.3	55.1	55.1	37.9	40.9	4.9	4.6	144.8	154.7	11.6	12.0	0.5	2.5	2.0	8.2	7.7	4.0	1.3	
Stine 488	R	64.5	.	.	.	57.1	.	.	.	37.0	.	2.1	.	145.0	.	12.5	.	1.0	3.1	.	6.0	.	.	.	
Cardinal	R	64.4	69.6	62.6	64.7	57.7	57.4	57.0	57.4	37.4	39.2	4.5	4.6	145.0	155.0	13.0	13.1	1.5	6.8	5.0	8.4	8.2	6.0	3.5	
Genesis 9511	R	64.4	71.5	61.4	.	56.5	56.1	55.7	.	34.0	36.7	2.0	3.0	142.4	153.2	11.9	12.0	19.5	5.4	3.5	6.9	6.2	4.6	3.6	
Genesis 9822	R	64.3	.	.	.	59.2	.	.	.	36.6	.	3.1	.	143.7	.	13.0	.	5.5	3.5	.	7.5	.	.	.	
AgriPro Foster	R	64.2	69.6	.	.	57.1	57.2	.	.	33.8	35.5	1.8	1.9	144.9	155.5	12.3	12.7	0.0	6.0	5.9	7.0	7.0	4.6	3.4	
Freedom	R	63.8	71.8	63.6	67.0	55.1	55.7	55.9	56.3	33.8	36.6	3.2	3.5	145.6	155.3	12.3	12.7	4.5	7.6	5.9	5.4	5.3	4.6	2.6	
OH 515 (Experimental)	R	63.5	.	.	.	56.8	.	.	.	35.0	.	6.0	.	145.9	.	12.6	.	0.5	3.6	.	2.7	.	.	.	
NC RW151	R	63.5	70.2	.	.	59.3	59.4	59.4	.	34.9	.	3.1	.	143.5	.	14.8	14.9	2.5	6.6	5.4	6.0	5.5	.	2.5	
Hopewell	R	63.4	72.5	65.7	.	57.2	56.9	57.0	.	35.4	36.5	0.7	0.7	147.2	156.4	12.4	12.6	1.5	3.3	2.2	2.7	3.1	3.1	5.0	

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Table 1

part: 2
Septoria spp.
glume blotch
Score (0-9)
1997

Name	grain color	Yield: Bushels/acre				Test Weight: lbs/bu				Plant Height (inches)		Lodging score (0-9)		Flowering Date (days past Jan.1)		% Grain Moisture @Harvest		Blackpoint % kernels affected	Wheat Spindle Streak Virus Score (0-9)		Powdery Mildew Score (0-9)		Septoria spp. leaf blotch lower leaves Score (0-9)	Septoria spp. glume blotch Score (0-9)
		multi-year averages				multi-year averages				2-yr avg		2-yr avg		2-yr avg		2-yr avg			2-yr avg					
		1998	97/98	96-98	95-98	1998	97/98	96-98	95-98	1998	97/98	1998	97/98	1998	97/98	1998	97/98		1998	97/98	1998	97/98			1997	1997
Stine 481	R	63.0	.	.	.	56.6	.	.	.	34.3	.	2.5	.	143.6	.	11.9	.	1.5	6.3	.	8.2	.	.	.
SR205	R	62.9	64.2	57.0	61.5	55.6	54.4	54.4	55.1	34.5	36.0	1.7	3.3	143.4	154.2	11.7	11.5	3.0	6.9	4.5	8.1	8.4	6.4	5.7
SR204	R	62.6	69.5	61.1	.	59.2	59.3	59.2	.	35.3	36.9	3.2	3.3	141.2	152.4	14.6	14.7	5.0	7.9	6.7	6.0	6.1	4.3	2.3
Rupp RS 901	R	61.8	.	.	.	57.5	.	.	.	33.1	.	5.1	.	140.5	.	12.1	.	2.0	6.1	.	6.7	.	.	.
Diana	W	61.4	66.3	59.2	.	53.8	54.9	54.5	.	36.7	38.7	0.7	2.5	148.9	157.0	12.4	12.7	7.5	7.6	7.6	5.3	4.7	3.9	1.8
Countrymark 558W	R	61.0	68.5	.	.	58.2	57.9	.	.	34.7	37.0	1.9	2.5	146.2	156.1	12.9	13.2	16.0	8.8	6.6	5.8	6.6	6.6	2.1
Superior	W	58.8	69.1	.	.	54.5	56.1	.	.	36.4	39.2	1.9	3.3	149.1	158.6	13.4	13.5	2.5	7.6	7.9	3.3	3.6	4.6	0.8
Rupp RS 927	R	58.3	65.2	59.3	61.8	58.3	58.7	58.9	57.8	36.7	38.5	2.2	3.5	141.7	152.4	14.3	14.4	7.5	7.9	6.5	6.6	7.5	4.8	3.2
GR 983	R	58.0	.	.	.	59.0	.	.	.	35.9	.	2.9	.	141.5	.	12.8	.	0.5	4.5	.	7.8	.	.	.
AgriPro Bradley	R	57.7	.	.	.	60.1	.	.	.	35.7	.	4.3	.	143.2	.	13.7	.	2.5	2.7	.	6.8	.	.	.
NC KARENA	W	57.6	66.0	.	.	56.3	56.8	.	.	38.4	40.4	1.9	2.8	148.8	158.4	12.7	13.1	1.0	8.6	8.6	3.5	3.4	3.7	4.2
EXP214W	W	57.5	.	.	.	54.4	.	.	.	37.8	.	3.3	.	148.9	.	11.9	.	2.5	6.9	.	4.1	.	.	.
Rupp EX 7-323	R	56.8	.	.	.	59.1	.	.	.	34.2	.	4.3	.	141.7	.	12.9	.	0.5	6.1	.	8.0	.	.	.
EXP215	R	55.9	.	.	.	58.6	.	.	.	35.2	.	4.0	.	142.0	.	12.8	.	1.0	4.9	.	7.7	.	.	.
Chelsea	W	55.6	63.7	57.0	61.0	56.0	56.4	56.1	56.4	36.9	40.2	3.7	4.7	151.5	159.8	12.6	12.9	5.0	4.6	3.7	7.9	7.4	3.9	3.5
NC TW94104	W	54.8	65.5	.	.	55.7	56.8	.	.	36.8	39.1	1.7	2.7	149.0	158.3	12.7	13.0	3.5	8.1	8.4	6.3	6.0	5.2	2.1
Frankenmuth	W	50.0	.	.	.	56.1	.	.	.	41.1	.	3.0	.	149.6	.	13.5	.	2.5	9.0	.	4.8	.	.	.
average		63.2	70.0	62.1	64.7	56.8	56.7	56.6	56.6	35.4	37.7	2.7	2.9	144.7	155.3	12.6	12.8	4.4	5.6	4.8	5.5	5.6	4.9	3.1
lsd		5.2	7.6	8.2	6.8	1.7	1.7	1.3	1.5	1.9	1.5	1.7	1.7	1.9	3.2	0.9	0.5	9.2	2.8	2.4	1.5	1.2	3.1	1.6
cv		8.4	5.4	8.1	7.4	2.9	1.5	1.4	1.9	2.7	1.9	37.6	29.3	2.5	1.0	7.1	1.8	104.3	24.7	24.5	22.5	10.9	35.3	29.4

lsd=least significant difference, i.e., differences smaller than the lsd are probably due to chance. cv- low values mean higher precision.

MSU Wheat Performance Trial Results: 1998

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Table 2

part: 1

Name	grain color	Fusarium Head Blight (scab)				Milling and Baking Properties (97 crop)				In-Head Pre-Harvest Sprout Score (0-9)			Submitted by:	
		Severity (0-9)		Incidence (0-9)		% Flour	Yield	% Protein in flour	Alkaline water retention	Softness Equivalent	1998	2-yr avg 97/98		3-yr avg 96-98
		1998	2-yr avg 97/98	1998	2-yr avg 97/98									
Pioneer Variety 2552	R	4.0	4.1	7.8	8.0	70.7	9.8	55.5	52.8	2.8	2.3	1.9	Pioneer Hi-bred Int.	
Roane	R	4.3	.	5.3	.	.	.	.	.	3.0	.	.	VPI & SU
Navigator	R	5.0	4.2	4.3	6.0	68.3	8.8	54.9	59.6	3.8	2.5	2.0	Irrer Seed Farm	
Glory	R	8.3	6.9	6.0	6.8	68.2	9.8	54.9	53.0	5.8	4.8	3.9	Ohio Foundation Seeds, Inc.	
Genesis 9953	R	8.0	.	4.1	.	.	.	.	.	4.8	.	.	Genesis Ag Ltd.
Quantum 7203	R	7.0	.	5.7	.	.	.	.	.	2.0	.	.	HybriTech Seed Interational
Pioneer Variety 25R57	R	8.3	7.7	5.4	7.1	69.4	9.4	51.7	57.6	3.2	2.4	.	Pioneer Hi-bred Int.	
Stine 455	R	8.3	.	6.2	.	.	.	.	.	4.7	.	.	Stine Seed Company Inc.
Quantum 706	R	7.7	6.4	5.3	6.4	69.6	9.4	56.6	55.3	2.9	2.8	2.8	HybriTech Seed Interational	
Caledonia	W	7.0	6.8	4.7	6.2	72.2	9.0	53.7	57.4	8.4	8.5	.	Genesis Ag Ltd-Harrington Seeds, Inc	
GR 962	R	8.3	7.2	8.5	8.1	68.1	9.8	56.3	60.3	0.8	1.0	1.2	AGRA	
Citron	R	9.0	.	5.9	.	.	.	.	.	3.2	.	.	Lakeside States Inc.
Pioneer Variety 25R26	R	4.0	3.9	7.0	7.0	70.6	9.9	54.1	54.4	2.7	2.0	.	Pioneer Hi-bred Int.	
IL 90-7514	R	7.0	.	5.4	.	.	.	.	.	6.1	.	.	MI Crop Improvement Assn.
PS 812	R	8.3	.	6.3	.	.	.	.	.	5.1	.	.	Pro-Seed Inc.
Wakefield	R	8.0	7.2	4.8	6.2	70.4	9.8	54.1	55.7	1.3	1.3	1.8	MI Crop Improvement Assn.	
Countrymark 569W	R	7.3	6.5	5.0	6.2	70.2	9.1	53.5	58.6	6.5	5.3	.	Countrymark	
Pioneer Variety 2568	R	4.3	5.5	5.5	6.9	67.8	9.8	55.1	62.9	2.9	2.0	2.0	Pioneer Hi-bred Int.	
Pioneer Variety 2540	R	2.3	3.0	5.4	6.7	68.4	10.2	54.7	54.6	2.8	2.2	2.5	Pioneer Hi-bred Int.	
Harus	W	6.9	6.3	4.4	6.2	69.4	9.9	54.6	56.7	6.2	6.7	6.1	MI Crop Improvement Assn.	
AC RON	W	7.7	7.3	4.8	6.6	69.7	9.5	54.2	54.5	8.3	8.2	7.3	MI Crop Improvement Assn.	
PS 1359	R	7.7	6.9	5.1	6.5	.	.	.	.	0.6	0.8	.	Pro-Seed Inc.
NC RW1488	R	8.7	.	7.1	.	.	.	.	.	4.4	.	.	The Andersons Inc.
Pioneer Variety 25W33	W	2.3	4.0	5.5	6.9	71.1	9.2	53.2	58.0	5.4	5.9	.	Pioneer Hi-bred Int.	
Genesis 9959	R	9.0	.	5.3	.	.	.	.	.	6.0	.	.	Genesis Ag Ltd.
Stine 480	R	8.0	7.2	6.9	7.5	70.1	9.3	55.3	50.4	2.9	2.4	2.8	Stine Seed Company Inc.	
Patterson	R	8.7	7.9	7.5	8.0	69.8	9.2	54.6	60.9	3.6	4.4	.	MI Crop Improvement Assn.	
Bavaria	W	4.3	5.0	5.3	6.7	71.0	10.5	55.3	49.6	6.5	6.3	6.1	Greater Michigan Seed Growers	
Lowell	W	8.3	7.9	6.0	7.4	71.0	9.1	53.9	60.0	7.7	8.1	7.8	MI Crop Improvement Assn.	
Stine 488	R	7.7	.	4.7	.	.	.	.	.	6.0	.	.	Stine Seed Company Inc.
Cardinal	R	6.7	5.7	4.8	6.0	71.7	9.7	54.6	52.4	6.7	6.4	6.1	MI Crop Improvement Assn.	
Genesis 9511	R	7.3	7.1	5.6	6.7	70.5	9.4	54.8	62.6	4.1	2.8	2.5	Genesis Ag Ltd.	
Genesis 9822	R	7.7	.	4.1	.	.	.	.	.	3.7	.	.	Genesis Ag Ltd.
AgriPro Foster	R	6.3	5.4	6.8	7.3	72.7	9.8	55.6	56.6	1.0	1.2	.	AgriPro Seeds Inc.	
Freedom	R	6.3	5.0	5.9	6.8	68.8	8.9	55.3	49.2	2.4	2.2	1.9	MI Crop Improvement Assn.	
OH 515 (Experimental)	R	8.3	.	7.8	.	.	.	.	.	1.2	.	.	Ohio Foundation Seeds, Inc.
NC RW151	R	8.3	8.2	6.4	7.0	71.4	10.2	57.2	45.3	5.6	3.9	.	The Andersons Inc.	
Hopewell	R	9.0	7.7	6.4	7.2	69.6	9.1	55.0	59.7	1.7	1.6	1.5	Ohio Foundation Seeds, Inc.	

98 data derived from three replication 4x15 lattice experiments conducted at 8 sites in Michigan. All scores based on 0 (=best) to 9 (=worst) scale. MSU Wheat Crew: R. Ward, L. Siler, S. Hazen, R. Bafus, L. Fitzpatrick, and R. Gopalachar.

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Table 2

part: 2

Name	grain color	Fusarium Head Blight (scab)				Milling and Baking Properties ('97 crop)				In-Head Pre-Harvest Sprout Score (0-9)			Submitted by:	
		Severity (0-9)		Incidence (0-9)		% FlourYield	% Protein in flour	Alkaline water retention	Softness Equivalent	1998	2-yr avg			3-yr avg
		1998	2-yr avg 97/98	1998	2-yr avg 97/98						97/98	96-98		
Stine 481	R	7.7	.	6.5	.	.	.	.	.	5.3	.	.	Stine Seed Company Inc.
SR205	R	7.0	6.9	6.1	7.3	64.3	9.4	53.7	36.7	4.3	3.2	3.5	Terra Industries Inc.	
SR204	R	7.7	6.8	5.9	6.7	72.5	9.8	54.1	47.4	5.3	4.2	4.4	Terra Industries Inc.	
Rupp RS 901	R	8.0	.	6.7	.	.	.	.	.	3.0	.	.	Rupp Seed Inc.
Diana	W	6.7	6.2	3.4	5.8	69.1	9.5	55.0	54.3	7.6	8.0	7.0	Harrington Seeds Inc	
Countrymark 558W	R	8.3	6.8	6.7	7.0	69.2	9.8	56.6	53.7	2.6	2.8	.	Countrymark	
Superior	W	7.3	6.6	4.4	6.2	71.9	9.2	53.5	55.1	7.6	8.0	.	Harrington Seeds Inc	
Rupp RS 927	R	7.0	6.4	3.4	5.6	71.3	10.3	54.5	49.3	3.0	2.6	2.7	Rupp Seed Inc.	
GR 983	R	9.0	.	6.4	.	.	.	.	.	1.0	.	.	AGRA
AgriPro Bradley	R	8.0	.	5.1	.	.	.	.	.	8.0	.	.	AgriPro Seeds Inc.
NC KARENA	W	6.7	6.6	5.5	6.6	70.3	10.2	57.0	55.8	7.5	7.5	.	The Andersons Inc.	
EXP214W	W	8.0	.	4.8	.	.	.	.	.	8.0	.	.	Terra Industries Inc.
Rupp EX 7-323	R	8.3	.	5.1	.	.	.	.	.	2.1	.	.	Rupp Seed Inc.
EXP215	R	7.7	.	5.1	.	.	.	.	.	2.0	.	.	Terra Industries Inc.
Chelsea	W	5.3	5.2	4.3	6.0	71.2	8.8	54.9	56.0	9.0	8.4	7.4	MI Crop Improvement Assn.	
NC TW94104	W	7.0	6.8	5.3	6.3	70.4	10.0	54.2	52.5	7.3	7.7	.	The Andersons Inc.	
Frankenmuth	W	7.7	.	6.4	.	.	.	.	.	8.0	.	.	MI Crop Improvement Assn.
	average	7.2	6.7	5.7	6.2					4.9	4.7	4.3		
	lsd	2.0	1.6	2.0	2.0					1.8	1.9	1.6		
	cv	16.5	12.1	20.2	15.7					21.8	19.6	23.5		

11/06/98

Milling and baking data provided by USDA's Soft Wheat Quality Lab in Wooster, OH. Flour yield=percent of grain weight that can be milled into flour. Softness equivalent- higher values are softer. Alkaline water retention- used by bakers.

Contact R. Ward at 517-285-9725 for more information.

MSU Wheat Performance Trial Results: 1998

Yield Data Only (Bushels/Acre)

Table 3
part: 1

Name	Location (county)								Average all sites
	Huron	Ingham	Ionia	Kalamazoo	Lenawee	Saginaw	Sanilac	Tuscola	
Pioneer Variety 2552	74.3	85.0	73.7	41.2	90.9	76.0	107.9	84.6	79.2
Roane	79.4	64.3	75.3	51.3	82.5	80.4	91.9	74.0	74.9
Navigator	80.4	66.4	60.2	50.2	78.0	82.0	97.3	80.0	74.3
Glory	77.2	71.3	63.6	41.6	76.3	78.0	98.0	76.8	72.9
Genesis 9953	81.0	61.1	61.0	56.1	73.6	68.5	96.2	72.0	71.2
Quantum 7203	76.8	56.3	63.7	53.4	78.4	74.4	89.8	72.1	70.6
Pioneer Variety 25R57	78.2	57.6	53.5	45.6	78.1	73.9	102.1	74.6	70.5
Stine 455	77.8	65.9	60.0	46.7	73.9	68.2	93.7	75.8	70.3
Quantum 706	79.6	55.8	57.5	53.0	74.7	69.4	91.2	74.5	69.5
Caledonia	81.3	63.3	55.0	52.2	70.3	69.6	86.3	75.4	69.2
GR 962	68.9	65.9	55.4	48.3	77.7	66.8	95.1	75.4	69.2
Citron	75.8	64.1	62.4	51.5	68.5	66.5	86.9	74.7	68.8
Pioneer Variety 25R26	68.7	63.9	55.8	53.1	78.4	69.1	77.8	78.7	68.2
IL 90-7514	66.2	71.6	56.8	54.2	75.3	73.8	79.5	64.1	67.7
PS 812	75.9	64.0	58.3	48.1	71.2	64.1	85.5	72.8	67.5
Wakefield	75.3	56.9	54.2	49.1	79.1	69.4	75.5	79.9	67.4
Countrymark 569W	75.4	56.6	54.2	49.4	77.3	64.1	84.2	77.9	67.4
Pioneer Variety 2568	73.7	57.5	43.7	51.5	77.0	73.1	91.1	70.7	67.3
Pioneer Variety 2540	76.9	72.3	55.2	41.2	79.1	71.3	69.4	70.6	67.0
Harus	72.5	54.4	59.7	44.9	71.0	73.3	86.4	71.5	66.7
AC RON	76.0	57.0	59.1	51.0	64.7	66.4	87.3	71.8	66.7
PS 1359	70.5	58.4	61.2	50.4	65.3	64.4	96.4	66.2	66.6
NC RW1488	71.0	58.3	56.2	53.3	66.1	70.8	84.4	72.3	66.6
Pioneer Variety 25W33	74.8	55.2	45.0	41.2	74.4	70.4	89.3	79.9	66.3
Genesis 9959	66.5	54.2	54.8	47.3	75.2	69.4	84.1	74.6	65.8
Stine 480	71.5	55.1	54.5	51.1	71.1	72.4	77.2	72.9	65.7
Patterson	66.7	61.8	46.1	51.3	75.4	66.8	84.1	66.9	64.9
Bavaria	67.1	61.0	53.9	48.2	63.6	68.9	88.4	67.2	64.8
Lowell	71.1	56.7	55.4	50.4	67.2	67.8	77.7	70.4	64.6
Stine 488	76.5	58.2	52.6	46.2	73.1	62.1	78.3	69.1	64.5
Cardinal	67.9	54.2	58.4	48.2	68.4	63.7	80.7	73.9	64.4
Genesis 9511	73.7	59.8	50.5	43.4	67.1	66.0	84.8	69.7	64.4
Genesis 9822	66.9	55.2	54.4	47.8	72.9	67.6	75.8	74.0	64.3
AgriPro Foster	66.6	54.9	53.1	44.7	67.1	67.9	89.2	70.3	64.2
Freedom	79.3	53.0	52.9	48.4	63.3	63.3	79.7	70.6	63.8
OH 515 (Experimental)	71.8	57.9	47.2	44.7	71.2	60.6	83.3	70.9	63.5
NC RW151	68.3	58.4	59.6	48.6	64.5	63.5	79.3	65.6	63.5
Hopewell	70.4	53.6	46.9	49.2	63.9	59.5	87.7	76.0	63.4

Caution: multi-year data are more informative than single year averages. Single site/single year data should not be used to make variety choice decisions.

MSU Wheat Performance Trial Results: 1998

Yield Data Only (Bushels/Acre)

Table 3
part: 2

Name	Location (county)								Average all sites
	Huron	Ingham	Ionia	Kalamazoo	Lenawee	Saginaw	Sanilac	Tuscola	
Stine 481	68.7	55.0	52.4	45.7	66.1	70.0	77.9	68.1	63.0
SR205	67.4	57.1	48.1	45.0	66.9	65.6	83.5	69.2	62.9
Brandy	73.3	48.0	56.6	41.3	62.0	62.0	87.7	71.5	62.8
SR204	70.7	49.1	58.0	47.0	60.5	63.6	83.4	68.8	62.6
Quantum 708	76.6	49.4	44.1	51.6	61.7	61.6	78.8	73.9	62.2
Rupp RS 901	73.3	48.7	51.1	37.7	70.3	67.1	80.6	65.8	61.8
Diana	71.3	47.7	46.5	40.0	61.7	64.7	87.8	71.3	61.4
Countrymark 558W	65.2	49.6	55.9	44.1	62.0	62.9	80.1	67.8	61.0
MSU Line D2103	77.0	43.2	48.9	38.4	56.1	58.6	86.3	77.2	60.7
Genesis 9821	72.7	44.2	44.4	44.7	69.3	68.3	62.9	78.1	60.6
MSU Line D5330	69.9	49.2	48.0	40.1	64.1	57.6	85.6	70.6	60.6
Genesis HW-1	=tw95412	73.6	54.5	50.0	32.9	61.4	61.8	82.3	60.3
Superior	77.9	45.3	45.6	44.2	53.7	53.5	81.3	69.0	58.8
Rupp RS 927	67.5	47.7	46.5	45.0	59.7	56.3	73.6	69.9	58.3
Mendon	65.3	45.9	51.4	46.2	57.5	62.6	73.6	61.8	58.0
GR 983	67.4	50.7	43.8	48.2	61.6	54.7	75.5	62.1	58.0
MSU Line D4045	70.3	44.8	48.9	34.4	61.1	53.7	79.8	68.9	57.7
AgriPro Bradley	64.5	51.5	42.7	46.1	60.9	62.1	68.1	65.5	57.7
NC KARENA	72.3	39.1	45.5	34.6	56.8	59.2	84.5	68.7	57.6
MSU Line D5226	64.9	52.0	45.9	38.7	56.4	55.0	77.5	69.9	57.5
EXP214W	69.7	46.1	45.0	35.1	56.8	55.6	78.4	72.9	57.5
MSU Line D3913	71.5	40.2	45.4	34.7	55.1	59.4	84.2	67.1	57.2
MSU Line DC005	72.0	40.8	49.2	35.7	62.5	55.1	81.1	58.9	56.9
MSU Line D2150	67.6	44.9	44.6	38.1	52.7	57.1	80.5	69.1	56.8
Rupp EX 7-323	58.5	48.6	46.1	41.8	64.4	63.7	70.8	60.3	56.8
EXP215	59.8	55.4	50.3	46.2	62.8	56.9	53.4	62.0	55.9
Chelsea	69.6	35.7	42.3	37.8	59.9	61.2	67.2	70.9	55.6
NC TW94104	67.2	40.1	42.7	42.5	44.9	58.3	78.0	64.5	54.8
Ramrod	66.9	40.6	37.3	34.7	52.6	57.8	77.1	64.0	53.9
TW 95502	67.3	35.7	40.5	38.6	47.3	61.0	76.4	61.1	53.5
Frankenmuth	72.3	32.3	41.7	28.9	42.9	48.1	72.7	61.2	50.0
MSU Line D5326	72.0	28.1	27.3	24.8	36.0	41.4	54.8	59.0	42.9
average	71.6	53.8	51.9	44.9	66.4	64.6	82.2	70.9	63.2
lsd	7.8	7.8	8.0	10.5	7.8	6.9	10.6	7.9	5.2
cv	5.9	8.2	8.7	9.8	7.1	6.4	7.4	5.9	8.4

Caution: multi-year data are more informative than single year averages. Single site/single year data should not be used to make variety choice decisions.