

# Michigan State Wheat Variety Trial Results: 1999 Crop

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

Table 1

part: 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)		Flag Rust Infection (% surface area)	Flag Leaf Infection (% surface area)
		multi-year averages				multi-year averages				2-yr avg		2-yr avg		2-yr avg		2-yr avg			2-yr avg		Flag Leaf Infection (% surface area)			
		1999	98/99	97-99	96-99	1999	98/99	97-99	96-99	1999	98/99	1999	98/99	1999	98/99	1999	98/99		1999	98/99		1999		
		1999	98/99	97-99	96-99	1999	98/99	97-99	96-99	1999	98/99	1999	98/99	1999	98/99	1999	98/99		1999	98/99		1999		
Pioneer Variety 2552	R	90.6	84.9	84.6	74.5	62.0	60.7	60.2	59.6	37.5	35.5	3.2	2.8	149.7	146.4	17.5	15.4	9.0	0.4	0.4	1.0	0.5	1.2	2.9
Caledonia	W	87.1	78.2	78.3	.	58.6	57.4	57.1	.	35.4	34.2	1.2	1.5	150.8	148.3	16.4	14.3	2.0	2.9	3.1	2.6	3.5	1.1	8.0
Pioneer Variety 25W33	W	86.2	76.3	76.2	.	58.9	57.1	56.6	.	34.9	33.2	2.9	2.1	150.0	147.6	15.7	13.5	0.0	0.4	1.2	1.5	1.9	0.5	0.0
Navigator	R	86.1	80.2	78.1	67.2	56.9	56.7	56.1	55.7	34.7	33.2	0.7	0.8	148.9	145.5	15.7	13.9	17.0	8.3	8.1	2.0	2.3	1.4	1.2
Quantum 706	R	85.6	77.6	78.5	74.5	59.5	58.3	57.9	58.0	40.1	38.1	2.6	2.0	150.0	147.6	16.6	14.7	21.0	4.3	4.7	2.9	4.6	1.9	4.2
Quantum 7203	R	85.5	78.1	.	.	61.1	59.5	.	.	38.6	36.9	1.0	1.7	149.8	145.2	16.8	14.8	13.0	5.0	6.5	2.1	3.5	0.8	8.1
Hopewell	R	85.1	74.3	76.7	70.5	60.3	58.8	58.0	57.8	37.1	36.3	0.2	0.5	150.7	149.0	16.9	14.7	0.0	0.7	2.0	1.7	2.2	0.3	2.2
Pioneer Variety 25R26	R	83.6	75.9	77.3	.	58.8	57.5	56.9	.	34.3	32.6	1.7	1.8	150.6	147.8	16.5	14.3	11.0	2.3	2.2	3.7	4.4	1.5	0.4
Roane	R	83.3	79.1	.	.	62.0	60.6	.	.	35.4	33.0	5.5	5.5	149.1	145.1	17.3	15.5	4.0	3.3	4.1	0.5	0.4	0.2	1.3
Terra E218	R	83.3	.	.	.	60.1	.	.	.	40.9	.	3.1	.	149.9	.	16.1	.	6.0	2.5	.	2.0	.	1.6	2.4
Stine 488	R	83.2	73.9	.	.	60.9	59.0	.	.	40.0	38.5	2.6	2.4	150.0	147.5	16.5	14.5	5.0	2.9	3.0	2.5	4.3	1.1	4.4
569W	R	83.0	.	.	.	60.6	.	.	.	40.0	.	2.8	.	150.3	.	16.2	.	9.0	2.3	.	2.0	.	1.4	1.9
MSU Line D6234	W	82.3	.	.	.	60.2	.	.	.	38.0	.	3.8	.	151.1	.	17.1	.	14.0	0.9	.	3.3	.	1.4	4.2
Stine 455	R	81.5	75.9	.	.	58.9	57.8	.	.	38.5	36.2	5.0	4.7	150.0	146.8	15.6	13.7	0.0	6.1	7.2	2.3	4.0	1.1	0.4
AC Mountain	W	81.4	.	.	.	58.9	.	.	.	41.5	.	4.1	.	150.9	.	15.5	.	5.0	4.1	.	3.2	.	1.1	4.5
MSU Line D6206	W	81.3	.	.	.	59.3	.	.	.	36.8	.	1.7	.	151.2	.	16.8	.	18.0	2.6	.	2.5	.	0.7	1.3
Nosco Classic RW1498	R	80.8	.	.	.	60.8	.	.	.	40.5	.	4.9	.	150.0	.	16.6	.	12.0	2.4	.	2.9	.	2.2	3.1
AgriPro Variety Foster	R	80.8	72.5	73.3	.	60.2	58.7	58.2	.	36.6	35.2	2.6	2.2	150.0	147.5	16.9	14.6	2.0	5.8	5.9	3.6	5.3	2.1	5.6
GMS 1146	R	80.5	.	.	.	60.1	.	.	.	39.0	.	5.6	.	148.6	.	15.8	.	22.0	7.5	.	2.3	.	2.2	0.2
AgriPro Variety Patton	R	80.3	.	.	.	60.5	.	.	.	38.6	.	5.2	.	149.1	.	16.0	.	5.0	1.4	.	4.5	.	3.5	0.3
Pioneer Variety 25R57	R	80.2	75.4	75.5	.	58.9	57.9	57.4	.	37.1	35.0	2.6	2.2	149.3	144.8	15.2	13.6	14.0	7.1	7.0	3.0	3.9	2.8	1.3
INW 9531	R	80.1	.	.	.	58.5	.	.	.	37.7	.	4.8	.	150.2	.	16.6	.	16.0	6.1	.	1.8	.	0.7	1.0
Nosco Classic RW1488	R	79.4	73.0	.	.	60.2	58.6	.	.	39.6	37.0	3.7	3.6	148.9	145.1	16.4	14.3	22.0	7.3	7.7	2.4	2.9	3.2	0.6
Glory	R	79.4	76.2	77.3	68.5	60.5	59.0	58.4	57.8	36.6	35.0	1.9	2.5	149.5	145.0	16.4	14.5	13.0	3.0	3.9	2.8	3.9	1.5	5.5
Superior	W	79.3	69.1	.	.	59.6	57.1	.	.	40.9	38.7	3.8	2.9	151.4	150.3	17.4	15.4	6.0	7.5	7.6	1.8	2.6	0.9	2.0
Citron	R	79.1	74.0	.	.	59.8	58.5	.	.	39.4	37.2	5.2	4.3	148.7	144.9	15.8	14.0	9.0	7.8	8.1	3.7	3.7	3.4	0.9
Genesis 9939	R	79.1	.	.	.	60.0	.	.	.	39.4	.	5.2	.	148.6	.	16.0	.	12.0	6.8	.	3.0	.	2.0	0.4
Harus	W	78.8	72.8	72.3	65.3	59.5	58.1	57.7	57.7	41.1	39.5	2.8	2.6	151.2	149.7	16.0	14.4	14.0	3.8	5.3	1.8	3.0	0.6	1.7
Freedom	R	78.6	71.2	74.0	67.4	57.6	56.4	56.3	56.3	39.0	36.4	3.9	3.6	150.6	148.1	17.1	14.7	12.0	5.7	6.7	2.5	4.0	0.6	4.7
558W	R	78.5	69.8	71.8	.	61.2	59.7	59.0	.	38.8	36.8	1.7	1.8	150.3	148.3	17.3	15.1	10.0	4.3	6.6	3.2	4.5	1.7	6.9
Cardinal	R	78.3	71.4	72.5	66.6	59.9	58.8	58.2	57.8	41.0	39.2	3.4	4.0	150.1	147.6	17.2	15.1	4.0	5.7	6.3	4.8	6.6	3.4	7.2
AC Ariss	W	77.8	.	.	.	59.7	.	.	.	37.2	.	1.6	.	151.9	.	15.9	.	5.0	6.5	.	2.0	.	1.0	4.1
Hytest HTW357	R	77.8	.	.	.	60.0	.	.	.	39.0	.	5.3	.	148.7	.	15.4	.	25.0	6.0	.	2.6	.	2.5	0.5
AC Ron	W	77.6	72.2	73.7	67.2	58.9	57.6	57.3	56.8	41.8	40.4	3.9	2.6	151.4	150.0	16.8	14.8	11.0	5.6	6.4	2.5	4.1	0.9	4.4
MSU Line D6277	W	77.5	.	.	.	59.5	.	.	.	38.4	.	2.8	.	150.6	.	15.7	.	1.0	2.3	.	4.0	.	2.0	2.6
Terra SR204	R	77.4	70.0	72.1	65.2	61.4	60.3	60.0	59.8	38.7	37.0	4.8	4.0	149.7	145.5	18.3	16.5	12.0	4.0	6.0	3.9	5.0	1.6	0.7
Bavaria	W	76.8	70.8	72.0	64.6	59.7	58.4	58.1	57.7	41.7	39.7	4.0	3.2	152.9	151.7	16.9	15.0	8.0	2.3	3.2	4.2	5.2	1.4	0.1
AgriPro Variety	R	76.4	67.1	.	.	62.6	61.4	.	.	40.7	38.2	1.2	2.8	149.3	146.3	16.9	15.3	10.0	3.4	3.1	4.4	5.6	3.7	1.3

'99 data derived from four replication 16x4 lattice experiments conducted at 8 sites in Michigan. All scores based on 0 (=best) to 9 (=worst) scale or percent basis.

# Michigan State Wheat Variety Trial Results: 1999 Crop

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

**Table 1**

part: 2

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)		Flag Leaf Infection (% surface area)	Leaf Rust Flag Leaf Infection (% surface area)	
		1999	multi-year averages			1999	multi-year averages			2-yr avg		2-yr avg		2-yr avg		1999	2-yr avg		2-yr avg						
			98/99	97-99	96-99		98/99	97-99	96-99	1999	98/99	1999	98/99	1999	98/99		1999		98/99	1999					
<b>Patterson</b>	R	76.2	70.6	69.3	.	60.1	59.1	58.2	.	39.0	36.7	3.4	3.8	148.1	144.3	15.7	14.2	13.0	3.0	3.4	6.4	7.4	10	0.7	
<b>Wakefield</b>	R	75.6	71.5	74.1	67.4	59.8	58.1	58.0	57.8	39.0	37.4	5.1	4.5	149.6	147.7	16.3	14.5	11.0	5.7	5.0	6.5	5.7	8.9	4.5	
<b>Nosco Classic Karena</b>	W	75.5	66.6	69.1	.	59.3	57.8	57.6	.	42.6	40.5	3.4	2.7	151.8	150.3	16.2	14.5	3.0	7.9	8.3	2.4	3.0	0.3	0.9	
<b>Lowell</b>	W	74.5	69.6	71.1	64.8	57.7	56.6	56.1	55.7	42.1	40.0	6.1	5.5	150.9	147.9	15.2	13.4	1.0	4.1	3.3	4.5	6.4	3.5	9.7	
<b>Terra E215</b>	R	72.9	64.4	.	.	60.8	59.7	.	.	39.3	37.3	4.4	4.2	149.5	145.8	16.1	14.5	0.0	5.2	5.1	3.9	5.8	3.1	1.8	
<b>Kaskaskia</b>	R	72.6	70.2	.	.	61.2	60.0	.	.	40.8	38.6	3.1	3.5	149.7	146.6	16.1	14.5	0.0	5.5	7.2	4.6	6.4	2.4	0.6	
<b>MSU Line D6295</b>	W	72.5	.	.	.	60.8	.	.	.	40.1	.	1.2	.	149.9	.	16.0	.	2.0	2.9	.	4.8	.	5.3	4.4	
<b>Genesis 9822</b>	R	72.4	68.4	.	.	61.8	60.5	.	.	40.3	38.5	5.4	4.3	149.4	146.6	16.3	14.7	2.0	4.0	3.8	6.5	7.0	8.4	4.1	
<b>Nosco Classic RW151</b>	R	72.3	67.9	70.9	.	62.0	60.7	60.3	60.1	39.6	37.3	6.0	4.6	149.2	146.4	16.6	15.7	2.0	4.5	5.6	4.5	5.3	4.0	1.1	
<b>529W</b>	R	71.8	.	.	.	60.8	.	.	.	38.6	.	6.0	.	147.2	.	15.5	.	14.0	4.8	.	4.0	.	2.4	0.0	
<b>Frankenmuth</b>	W	70.2	60.1	.	.	59.7	57.9	.	.	45.5	43.3	4.4	3.7	153.4	151.5	17.3	15.4	11.0	6.9	8.0	2.9	3.9	1.0	14	
<b>Yorkstar</b>	W	68.9	.	.	.	57.3	.	.	.	43.9	.	6.5	.	152.7	.	15.8	.	4.0	6.3	.	3.9	.	1.2	13	
lsd=least significant difference, i.e., differences smaller than the lsd are probably due to chance. cv- low values mean higher precision.		<b>average</b>	78.4	71.9	74.0	67.7	59.8	58.6	57.8	57.7	39.0	37.1	3.5	3.1	150.1	147.2	16.3	14.6	8.1	4.2	4.9	3.2	4.2	2.3	2.8
		<b>lsd</b>	4.7	5.8	5.2	6.4	1.4	0.8	0.8	0.8	1.2	1.2	1.7	1.8	0.7	2.8	1.3	0.8		1.6	2.2	1.4	2.0	2.1	2.7
		<b>cv</b>	4.7	4.0	4.2	6.5	1.6	0.7	0.8	1.0	2.3	1.6	29.2	29.3	0.8	0.9	7.0	2.6		25.3	21.9	33.3	23.6	81.1	63.0

'99 data derived from four replication 16x4 lattice experiments conducted at 8 sites in Michigan. All scores based on 0 (=best) to 9 (=worst) scale or percent basis.

# Michigan State Wheat Variety Trial Results: 1999 Crop

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

Table 2

part: 1

Name	grain color	Fusarium Head Blight (scab)				Milling and Baking Properties ('98 crop)				In-Head Pre-Harvest Sprout Score (0-9)			Wheat Streak Mosaic Virus 1998	Submitted by:
		Severity		Incidence (0-9)		% Flour Yield	% Protein in flour	Alkaline water retention	Softness Equivalent	2-yr avg		3-yr avg	1998	
		Spikelets Infected	(0-9)	1999	2-yr avg					98/99	1999			
		1999	1998	1999	98/99	1999	98/99	97-99						
Pioneer Variety 2552	R	3.2	4.0	9.0	8.4	73.0	9.0	58.0	59.0	1.7	2.3	2.1	5.0	Long Term Check (Pioneer)
Caledonia	W	3.5	7.0	6.7	5.7	71.0	10.0	55.0	61.0	8.6	8.5	8.5	4.5	Genesis Ag Ltd Harrington Seeds, Inc.
Pioneer Variety 25W33	W	2.8	2.3	8.5	7.0	71.0	9.0	56.0	63.0	5.2	5.3	5.7	4.5	Pioneer Hi-Bred International, Inc.
Navigator	R	3.8	5.0	9.0	6.7	70.0	8.0	61.0	63.0	1.8	2.8	2.2	3.5	Irrer Seed Farm
Quantum 706	R	2.2	7.7	5.9	5.6	70.0	9.0	59.0	57.0	3.7	3.3	3.1	1.0	Hybritech U.S.
Quantum 7203	R	3.1	7.0	6.4	6.1	70.0	9.0	57.0	57.0	5.8	3.9	.	1.5	Hybritech U.S.
Hopewell	R	2.8	9.0	7.3	6.9	68.0	9.0	60.0	62.0	0.7	1.2	1.3	2.0	Ohio Foundation Seed
Pioneer Variety 25R26	R	2.9	4.0	8.1	7.6	71.0	9.0	57.0	59.0	2.5	2.6	2.2	4.5	Pioneer Hi-Bred International, Inc.
Roane	R	2.4	4.3	8.0	6.7	68.0	9.0	62.0	60.0	1.4	2.2	.	2.0	Virginia Tech
Terra E218	R	3.3	.	6.1	.	.	.	.	.	4.1	.	.	1.5	Terra Industries, Inc.
Stine 488	R	2.3	7.7	6.9	5.8	72.0	9.0	57.0	62.0	5.2	5.6	.	1.0	Stine Seed Company, Inc.
569W	R	3.0	.	7.1	.	.	.	.	.	5.4	.	.	2.0	Countrymark Co-op
MSU Line D6234	W	2.1	.	6.7	.	.	.	.	.	8.1	.	.	4.0	MSU Wheat Breeding
Stine 455	R	3.1	8.3	5.6	5.9	70.0	9.0	61.0	59.0	2.5	3.6	.	4.0	Stine Seed Company, Inc.
AC Mountain	W	2.7	.	5.4	.	.	.	.	.	9.1	.	.	2.0	Michigan Crop Improvement Association
MSU Line D6206	W	2.3	.	4.3	.	.	.	.	.	8.0	.	.	5.0	MSU Wheat Breeding
Nosco Classic RW1498	R	3.1	.	5.4	.	.	.	.	.	.	.	.	3.0	The Andersons, Inc.
AgriPro Variety Foster	R	2.2	6.3	7.7	7.3	72.0	10.0	58.0	62.0	1.7	1.4	1.4	2.5	AgriPro Seeds, Inc.
GMS 1146	R	2.5	.	5.1	.	.	.	.	.	2.3	.	.	2.5	Greater Michigan Seed Growers Cooperative, Inc.
AgriPro Variety Patton	R	1.9	.	6.9	.	.	.	.	.	4.2	.	.	3.0	AgriPro Seeds, Inc.
Pioneer Variety 25R57	R	6.3	8.3	8.6	7.0	70.0	9.0	55.0	61.0	1.6	2.4	2.1	3.0	Pioneer Hi-Bred International, Inc.
INW 9531	R	2.5	.	5.5	.	.	.	.	.	1.3	.	.	1.5	Michigan Crop Improvement Association
Nosco Classic RW1488	R	2.6	8.7	5.1	6.1	71.0	9.0	59.0	66.0	.	.	.	1.0	The Andersons, Inc.
Glory	R	3.7	8.3	6.4	6.2	68.0	9.0	60.0	57.0	2.4	4.1	4.0	2.5	Ohio Foundation Seed
Superior	W	2.5	7.3	4.0	4.2	70.0	9.0	54.0	61.0	8.3	8.0	.	2.0	Harrington Seeds, Inc.
Citron	R	3.4	9.0	4.1	5.0	70.0	9.0	60.0	66.0	1.0	2.1	.	1.5	LakeSide States, Inc.
Genesis 9939	R	2.2	.	4.6	.	.	.	.	.	1.0	.	.	3.0	Genesis Ag Ltd
Harus	W	2.1	6.9	5.7	5.1	69.0	9.0	54.0	61.0	7.6	6.9	7.0	2.5	Michigan Crop Improvement Association
Freedom	R	2.5	6.3	7.1	6.5	69.0	9.0	57.0	58.0	1.7	2.1	2.0	3.5	Michigan Crop Improvement Association
558W	R	3.3	8.3	7.5	7.1	69.0	10.0	61.0	57.0	3.3	3.0	2.9	4.0	Countrymark Co-op
Cardinal	R	2.2	6.7	5.7	5.3	72.0	9.0	56.0	59.0	6.9	6.8	6.5	4.5	Michigan Crop Improvement Association
AC Ariss	W	1.8	.	4.8	.	.	.	.	.	8.0	.	.	1.0	Michigan Crop Improvement Association
Hytest HTW357	R	2.1	.	4.9	.	.	.	.	.	1.7	.	.	1.5	Agribiotech, Inc.
AC Ron	W	4.6	7.7	6.1	5.5	68.0	9.0	55.0	61.0	8.3	8.3	8.2	3.0	Michigan Crop Improvement Association
MSU Line D6277	W	3.5	.	6.5	.	.	.	.	.	8.8	.	.	5.0	MSU Wheat Breeding
Terra SR204	R	3.0	7.7	6.4	6.2	72.0	10.0	59.0	49.0	3.4	4.4	3.9	2.5	Terra Industries, Inc.
Bavaria	W	3.2	4.3	4.9	5.1	71.0	11.0	56.0	58.0	8.6	7.6	7.0	5.5	Greater Michigan Seed Growers Cooperative, Inc.

'99 data derived from four replication 16x4 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, Janet Lewis, Heather Borden, and R. Gopalachar.

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**Table 2**

part: 2

Name	grain color	Fusarium Head Blight (scab)				Milling and Baking Properties ('98 crop)				In-Head Pre-Harvest Sprout Score (0-9)			Wheat Streak Mosaic Virus 1998	Submitted by:
		Severity		Incidence (0-9)		% Flour Yield	% Protein in flour	Alkaline water retention	Softness Equivalent	2-yr avg		3-yr avg		
		Avg. # Spikelets	Infected	(0-9)	1999					2-yr avg	1999			
		1999	1998	1999	98/99	1999	98/99	97-99	1999	98/99	97-99			
AgriPro Variety	R	2.0	8.0	5.2	5.2	69.0	10.0	57.0	54.0	8.0	8.0	.	1.0	AgriPro Seeds, Inc.
Patterson	R	4.0	8.7	7.2	7.4	72.0	9.0	58.0	61.0	1.7	2.7	3.5	1.5	Michigan Crop Improvement Association
Wakefield	R	2.7	8.0	6.4	5.6	71.0	9.0	57.0	60.0	1.2	1.3	1.2	4.5	Michigan Crop Improvement Association
Nosco Classic Karena	W	1.4	6.7	4.1	4.8	68.0	10.0	56.0	61.0	.	.	.	4.0	The Andersons, Inc.
Lowell	W	2.9	8.3	5.8	5.9	71.0	9.0	58.0	63.0	8.2	8.0	8.1	4.5	Michigan Crop Improvement Association
Terra E215	R	2.0	7.7	6.3	5.7	73.0	9.0	55.0	62.0	1.9	2.0	.	1.0	Terra Industries, Inc.
Kaskaskia	R	3.9	7.0	8.9	7.2	70.0	9.0	60.0	60.0	2.9	4.5	.	4.0	Michigan Crop Improvement Association
MSU Line D6295	W	3.6	.	4.9	.	.	.	.	.	7.4	.	.	4.0	MSU Wheat Breeding
Genesis 9822	R	4.2	7.7	7.9	6.0	71.0	9.0	58.0	58.0	3.4	3.6	.	3.0	Genesis Ag Ltd
Nosco Classic RW151	R	1.9	8.3	6.7	6.6	71.0	10.0	59.0	49.0	.	.	.	2.0	The Andersons, Inc.
529W	R	1.9	.	4.5	.	.	.	.	.	2.7	.	.	2.5	Countrymark Co-op
Frankenmuth	W	2.1	7.7	2.7	4.6	69.0	10.0	54.0	58.0	7.4	7.7	.	5.5	MSU- Long term check
Yorkstar	W	3.6	.	2.7	.	.	.	.	.	6.9	.	.	4.5	MSU Wheat Breeding
average		2.8	.	6.1	6.1					4.9	4.4	4.4		
lsd		1.8	2.0	2.1	2.6					2.3	2.3	1.6		
cv		32.8	16.5	17.2	20.4					24.8	25.9	21.3		

09/20/99

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: 1999

Yield Data Only (bu/acre)

Page 1 of 2

Table 3

part: 1

Name	Location (county)					Average all sites
	Huron	Midland	Lenawee	Saginaw	Sanilac	
Pioneer Variety 2552	76.6	94.0	92.2	89.5	100.5	90.6
Caledonia	75.5	93.7	85.2	81.9	99.4	87.1
Pioneer Variety 25W33	73.7	95.0	84.9	81.9	95.5	86.2
Navigator	67.6	92.5	91.7	76.3	102.4	86.1
Quantum 706	73.6	92.4	81.9	82.3	97.7	85.6
Quantum 7203	68.6	94.3	84.9	80.1	99.8	85.5
Hopewell	76.1	86.0	81.7	84.1	97.8	85.1
Pioneer Variety 25R26	71.3	92.1	82.4	79.9	92.4	83.6
Roane	71.7	90.3	84.5	77.7	92.5	83.3
Terra E218	73.2	90.3	82.5	78.2	92.5	83.3
Stine 488	72.3	88.4	86.5	76.4	92.2	83.2
569W	71.2	87.9	84.0	79.3	92.5	83.0
MSU Line D6234	65.8	89.0	81.7	85.0	90.1	82.3
Stine 455	70.5	85.9	82.4	79.6	88.9	81.5
AC Mountain	69.9	87.3	76.5	85.2	88.0	81.4
MSU Line D6206	71.8	83.5	77.7	84.3	89.4	81.3
Nosco Classic RW1498	67.7	m	83.1	76.0	m	80.8
AgriPro Variety Foster	64.5	88.0	77.2	78.3	95.9	80.8
GMS 1146	64.2	86.9	83.7	77.2	90.6	80.5
AgriPro Variety Patton	66.5	86.7	80.9	75.0	92.4	80.3
Pioneer Variety 25R57	66.9	87.4	82.2	72.1	92.2	80.2
INW 9531	64.1	87.4	77.8	75.5	95.6	80.1
Nosco Classic RW1488	69.8	m	76.0	76.8	m	79.4
Glory	66.6	86.8	74.7	73.8	94.9	79.4
Superior	68.7	85.5	75.6	80.2	86.5	79.3
Citron	64.8	85.7	79.2	79.3	86.3	79.1
Genesis 9939	68.8	88.4	80.8	74.2	83.2	79.1
Harus	69.2	81.5	78.4	73.2	91.5	78.8
Freedom	66.5	84.3	73.5	74.4	94.1	78.6
558W	62.7	86.2	77.5	77.6	88.3	78.5
Cardinal	65.2	86.4	72.8	73.7	93.4	78.3
AC Ariss	70.6	85.9	74.4	74.9	83.1	77.8
Hyttest HTW357	64.7	89.1	77.4	77.0	81.0	77.8
AC Ron	64.5	84.2	76.4	76.2	86.7	77.6
MSU Line D6277	67.4	86.2	71.3	86.1	76.6	77.5
Terra SR204	68.7	85.1	74.5	73.3	85.2	77.4
Bavaria	74.1	81.0	70.2	79.2	79.3	76.8
AgriPro Variety Bradley	67.1	84.0	72.3	76.8	81.8	76.4

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: 1999 Yield Data Only (bu/acre)

Name	Location (county)					Average all sites	
	Huron	Midland	Lenawee	Saginaw	Sanilac		
Patterson	58.5	85.8	80.8	72.4	83.3	76.2	
Wakefield	60.1	84.4	76.6	77.2	79.8	75.6	
Nosco Classic Karena	65.2	m	72.7	73.2	m	75.5	
Lowell	66.8	79.4	75.4	76.6	74.2	74.5	
Terra E215	58.6	79.6	77.9	66.3	82.2	72.9	
Kaskaskia	59.1	80.9	70.7	66.3	86.0	72.6	
MSU Line D6295	58.6	77.9	72.6	76.0	77.6	72.5	
Genesis 9822	63.1	81.5	70.2	70.0	77.0	72.4	
Nosco Classic RW151	57.9	m	78.7	64.8	m	72.3	
529W	58.6	79.2	74.1	69.3	78.0	71.8	
Frankenmuth	58.1	76.2	65.2	71.7	79.6	70.2	
Yorkstar	58.7	72.3	67.0	72.2	74.3	68.9	
	average	66.6	85.3	77.5	76.0	87.6	78.4
	lsd	7.0	4.3	5.4	5.6	6.0	4.7
	cv	6.5	3.3	4.7	4.6	4.4	4.7

Table 3  
part: 2

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.