

2009 Kentucky Small Grain VARIETY PERFORMANCE TEST

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www.uky.edu/ag/WheatVarietyTest

The 2009 soft red winter wheat growing season ended with Kentucky farmers harvesting 400,000 acres of soft red winter wheat for a total production of 24 million bushels of grain. An average yield of 60 bushels per acre was recorded (Table 1).

Small grain performance tests were conducted in six of the seven agroclimatic regions of Kentucky (Table 2). Agricultural areas within each region are considered to have similar soil types and climatic conditions. Each region having a substantial acreage of a small grain commodity had at least one trial conducted in that region for that commodity.

The objective of the Kentucky small grain variety performance test is to evaluate varieties of wheat and barley that are commercially available or may soon be available to Kentucky farmers. New varieties are continually being developed by agricultural experiment stations and commercial firms. Annual evaluation of small grain varieties and selections provides farmers, seed producers, and other agricultural workers with current information to help them select the varieties best adapted to their locality and individual requirements.

Because weather, soil, and other environmental factors may alter varietal performance from one location to another, seven tests (three conventional tillage and four no-till) were grown at seven locations throughout the state (Table 2). In addition, tests for varietal differences in forage potential and straw yields were conducted at one location.

Experimental Methods

Eighty-eight entries were evaluated under both conventional and no-till cultural practices. No-till tests were grown at four locations and conventional tests were grown at three locations. The experimental design was a randomized complete block. The tests had four replications per entry, and the data presented are the average response from the four replications.

The plots were planted with specially built multi-row conventional and no-till cone seeders. Conventional test plots consisted of six rows to form a plot 4 feet wide and 15 feet long, which was later trimmed to 10 feet in length. No-till plots consisted of seven rows to form a plot 5 feet wide and 25 feet long, which was later trimmed to 20 feet in length. Plots were harvested with a small plot combine.

Table 1. Wheat harvested (1,000 A) and yields (Bu/A) in Kentucky, 2007-2009.*

2009		2008		2007	
Harvested	Yield	Harvested	Yield	Harvested	Yield
400	60	460	71	240	51

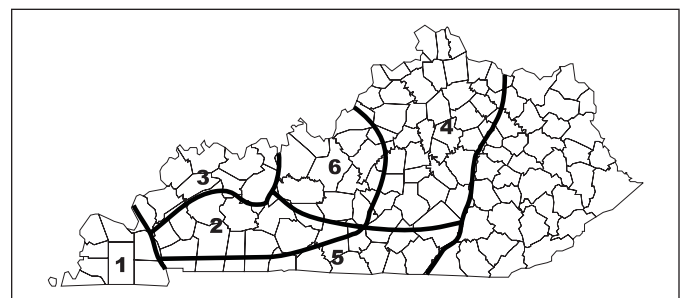
*July 1, 2009, National Agricultural Statistics Service.

Tests were conducted using intensive management practices. Typical herbicide applications included a spring application for broadleaf control and a fall preplanting burn-down (no-till tests only) application. Fungicides were applied in the spring on all but two (disease rating) tests. An insecticide for aphid control was typically applied in the fall and spring. Nitrogen was applied in a February/March split application at a rate of approximately 30/60 pounds per acre (conventional tests) or 40/70 pounds per acre (no-till).

Table 2. Agroclimatic regions of Kentucky small grain variety tests.

Region	Location	Cooperator	Crop Tested
1. Purchase	Fulton Co.	Curtis Hancock	No-till Wheat
2. Western Coal Field	Caldwell Co.	Princeton Research and Education Ctr.	No-till Wheat, Barley
3. Ohio Valley	Daviess Co.	Ebelhar Farms	No-till Wheat
4. Bluegrass	Fayette Co.	KY Agri. Expt. Station	Wheat*, Forage test
5. Southern Tier	Logan Co.	Don Halcomb	Wheat*, Barley
	Christian Co.	Wayne & Steve Hunt	Wheat*
6. North Central	LaRue Co.	Ryan Bivens	No-till Wheat

* Conventional tillage.



The forage test was planted using conventional tillage and was harvested using a small plot forage combine at the milk stage. Winter grazing potential was determined using a rising plate pasture meter. Straw yield was measured using a small plot forage combine following grain harvest at the Bluegrass Region test.

Characteristics Evaluated

Grain yields were calculated from the weight of grain from each plot and reported in bushels per acre (bu/A) based on a 60-pound standard bushel weight at 13.5 percent moisture content. Test weights (lb/bu) were determined using a HarvestMaster Classic GrainGage. Lodging and winter survival were reported as the percentage of plant lodging at maturity or survival after spring green-up, respectively. Winter survival was 100 percent for all locations in 2009. Plant height was measured in inches from the soil surface to the top of the grain head. Heading dates were reported as the day an estimated 50 percent of the heads had extended above the flag leaf collar. Disease ratings (Leaf Blotch Complex & Glume Blotch) were recorded from the Logan county (non-fungicide) test and Head Scab ratings were recorded at all test locations. Forage and straw yields are expressed as dry matter in tons per acre.

Results and Interpretation

Since genetic expression of a variety is greatly influenced by environmental conditions, it is best to have several years' data at multiple locations from which to draw conclusions. Performance of a variety tested for only one year should not be compared with a multi-year average of another variety because it is possible that results in one of the other years were extremely good or poor and thus not comparable.

The yield of a variety is relative and should be compared with the yields of the other varieties in the same experiment and at the same location or within the same analysis across locations. Small differences in yield of only a few bushels per acre between two varieties from an individual test should not be interpreted to indicate the superiority of one variety over another. However, if one variety consistently out yields another over a period of several years, the chances are that the differences are real. LSD (least significant difference) values are listed at the bottom of table columns to indicate whether differences are statistically significant.

Lodging data are very difficult to interpret. A high-yielding variety should not necessarily be downgraded because of a high percentage of lodging for a given year at a given location. Local weather conditions, such as wind and rain, may cause a variety to lodge much more than it normally does. Variety trials normally have a greater degree of lodging than do farmer fields. It should also be emphasized that a variety reported to be 50 percent lodged does not imply that only 50 percent of the grain could be harvested. With good equipment, most of the grain can often be saved.

Kentucky's climate and soils are well suited for the production of high-quality soft red winter wheat. No single variety has all the desirable characteristics, but each has certain advantages. Yield potential, straw strength and yield, height, heading date, grain quality, disease resistance, and forage potential are important in choosing a variety.

Winter barley is less winter-hardy than winter wheat but more hardy than winter oats. The degree of winter-hardiness, straw strength, and maturity are important characteristics when choosing a variety. Barley (hulled and hullless commercial varieties and experimental hullless lines) performance data are presented in Tables 13 and 14.

Test Conditions

Dry, warm weather during October facilitated timely planting of Kentucky's 2009 wheat crop. The 2009 small grain variety tests were planted between October 10th and October 29th. Cool temperatures from November through February limited early growth and development. Warmer temperatures in March stimulated plant growth. Frequent rainfall in late April and May favored substantial Head Scab and Glume Blotch pressure. Otherwise, insect and other disease pressure were low. Wet conditions during June delayed harvest in some areas, and poor grain quality was reported across the state, likely associated with Head Scab and wet conditions.

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Wheat Varieties Tested in 2009

AgriPro COKER, Syngenta Seeds

520 E. 1050 St. Box 411
Brookston, IN 47923

AgriPro Branson
AgriPro COKER 9511
AgriPro COKER Oakes
AgriPro W1104
AgriPro W1566
AgriPro W1377

Beck's Hybrids

6767 E. 276th
Atlanta, IN 46031

Beck 113
Beck 122

Cash River Valley Seed, LLC

P.O. Box 10 Hwy 226 E.
Cash, AR 72421

Dixie 907
Dixie 940
Dixie 989

Crop Production Services

P.O. Box 1467
Galesburg, IL 61402

Dyna-Gro 9911
Dyna-Gro 9922
Dyna-Gro Shirley
Dyna-Gro V9710
Dyna-Gro V9723
Dyna-Gro V9812

Cullum Seeds

PO Box 178
Fisher, AR 72429

ARMOR 360Z
ARMOR ARX 6202
ARMOR ARX 840
ARMOR GOLD
ARMOR RENEGADE
Delta King 9108
Delta King 9577

Delta Grow Seed

PO Box 219 / 220 NW 2nd.
England, AR 72046

Delta Grow 1600
Delta Grow 4500
Delta Grow 5200

Excel Seed

257 E. Hail St.
Bushnell, IL 61422

Excel 163
Excel 234
Excel 341

Foundation Seed Project

University of Kentucky
PO Box 11950
Lexington, KY 40579

Cumberland
KY 00C-2059-24
KY 00C-2109-01
KY 00C-2175-10
KY 00C-2567-01
KY 00C-2697-04
KY 97C-0321-02-01
KY 97C-0508-01-01A-1
KY 97C-0519-04-07
KY 97C-0540-01-03
KY 97C-0574-01-04

Kentucky American Seeds, Inc.

205 Means Ave.
Hopkinsville, KY 42240

KAS 5003
KAS 5058
KAS 7700

Kentucky Small Grain Growers Association

PO Box 90
Eastwood, KY 40018

Pembroke

Michigan Crop Improvement

PO Box 21008
Lansing, MI 48909

Red Ruby

Miles Seed

Miles Farm Supply
PO Box 22879
Owensboro, KY 42304

Exsegen Anna
Exsegen Candace
Exsegen Dinah
Exsegen Lois
Exsegen Lydia

Pioneer Hi-Bred Intl.

7501 S. Memorial Pkwy, 205
Huntsville, AL 35802

25R63
25R78
26R15
26R22
XW07B
XW07X

Progeny AG Products

1529 Hwy 193
Wynne, AR 72396

PROGENY 117
PROGENY 119
PROGENY 130
PROGENY 136
PROGENY 166
PROGENY 185

Seed Consultants, Inc.

PO Box 370
Washington Court House, OH
43160

SC 1298
SC 1318
SC 1325
SC 1328B
SC 1339
SC 1348

Southern States Coop.

PO Box 26234
Richmond, VA 23260

SS 520
SS 5205
SS 548
SS 8302
SS 8309
SS 8404
SS 8641
SS MPV-57

Steyer Seeds

6154 N. Co. Rd. 33
Tiffin, OH 44883

Geary
Jordan
Nofziger

UniSouth Genetics

2640-C Nolensville Rd.
Nashville, TN 37211

USG 3350

University of Missouri

Columbia, MO 65211

Bess
Milton
Truman

Virginia Crop Improvement

2229 Menokin Rd.
Warsaw, VA 22572

Jamestown

Virginia Tech

PO Box 338
Warsaw, VA 22572

Merl
VA 04W-90

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Table 3. 2009 Kentucky Wheat Test—Overall State Summary.*

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date	Head Scab
	2009	2008-09	2009	2008-09	2009	2009	> April 1, 2009	Rating, 2009
Pioneer variety XW07X	85.1		56.3		1	37	33	3.5
AgriPro W1104	83.2		53.0		9	36	34	4.5
SC 1328B	82.6		55.0		1	37	32	5.4
SS 8302	82.0	85.3	55.9	57.8	1	36	33	4.9
Dyna-Gro 9922	81.9		54.9		0	37	32	5.3
EXCEL 234	81.2		57.3		8	38	33	4.2
Exsegen Dinah	80.9	85.7	56.7	58.3	4	37	32	4.8
KAS 5058	80.8		56.8		6	37	32	4.9
Dyna-Gro V9723	80.6		54.3		3	40	31	5.6
Steyer Jordan	80.5		56.8		4	37	31	5.4
SC 1348	80.5	85.4	53.7	55.7	5	40	33	6.0
AgriPro Branson	80.5	85.6	54.0	56.1	1	35	30	6.6
Pioneer variety 25R63	80.1	85.3	54.0	56.5	2	36	32	5.0
Bess	79.9	82.7	56.0	57.7	6	37	33	4.0
EXCEL 341	79.9		53.8		5	40	33	5.6
Beck 113	79.8		54.9		3	35	32	5.3
Beck 122	79.7	82.3	53.9	55.7	1	40	31	5.7
Dixie 907	79.6	84.8	53.7	55.8	5	40	33	5.9
Delta Grow 4500	79.1	82.5	53.7	56.2	4	41	32	6.2
PROGENY 119	79.0		56.0		2	38	33	5.5
Dyna-Gro 9911	79.0		56.7		4	36	31	5.3
Pembroke	78.9	83.7	55.9	57.9	1	36	32	5.1
Truman	78.8	82.0	57.1	57.9	2	41	42	2.6
Exsegen Candace	78.8	81.2	53.7	55.8	3	40	31	6.2
PROGENY 117	78.6	83.5	56.2	57.4	9	39	31	5.5
AgriPro W1566	78.5		52.6		7	40	31	6.1
SS MPV-57	78.0	85.3	53.9	56.2	6	37	33	6.0
ARMOR RENEGADE	77.9		54.7		1	36	32	5.0
SC 1298	77.8	80.8	53.6	55.6	2	40	31	5.8
KY 97C-0508-01-01A-1	77.8	80.1	55.2	57.4	3	35	31	5.6
USG 3350	77.7	83.5	54.3	56.1	4	40	32	6.0
Exsegen Anna	77.6		52.2		1	33	31	6.4
Pioneer variety 26R15	77.5	82.6	53.6	56.3	0	36	32	5.5
Dyna-Gro V9710	77.3	81.5	54.7	56.4	2	33	30	6.5
SC 1325	77.2	78.6	56.4	58.3	4	37	31	5.6
Steyer Geary	77.2		51.6		1	37	31	6.5
Dixie 940	77.0		53.8		1	39	31	5.9
Pioneer variety 26R22	76.9	80.2	53.4	56.2	0	37	31	6.4
VA 04W-90	76.9		56.2		3	36	33	5.7
AgriPro COKER 9511	76.8	78.8	58.4	59.4	9	39	31	3.9
Exsegen Lois	76.6		51.6		4	35	34	5.6
Delta Grow 5200	76.5	83.2	53.8	55.8	6	39	33	5.8
Delta Grow 1600	76.3	82.5	53.8	55.3	5	39	33	5.8
KY 00C-2567-01	76.2		54.2		3	38	32	6.5
Dyna-Gro Shirley	75.9	81.1	52.2	54.8	2	33	33	6.0
KAS 5003	75.8		52.4		3	33	31	6.0
AgriPro W1377	75.6	79.3	55.6	58.2	4	38	34	5.4
EXCEL 163	75.4		57.1		13	37	29	6.9
SC 1339	75.3	83.3	51.3	54.0	0	37	31	7.0
PROGENY 185	75.3	80.3	54.2	55.9	1	36	31	5.9
PROGENY 136	75.2		51.5		1	38	31	6.8
ARMOR ARX 840	75.1		51.4		1	38	31	6.8
Pioneer variety 25R78	75.0		54.1		3	35	31	7.1
AgriPro COKER Oakes	74.9		56.1		4	35	33	5.5
Steyer Nofziger	74.4		51.7		5	37	34	6.2
KY 97C-0574-01-04	74.1	78.5	54.8	56.7	0	36	33	5.4
PROGENY 166	74.1	82.1	53.9	55.8	4	40	32	6.3
SS 520	73.8	74.6	53.0	55.6	4	37	30	8.0
KY 97C-0519-04-07	73.7	81.3	52.0	54.3	2	34	35	6.1
Delta King 9108	73.6	81.2	54.0	56.3	7	40	31	5.9
SS 8309	73.5	75.7	54.8	56.7	0	37	33	4.4
PROGENY 130	73.3		57.4		24	38	30	5.3
SS 5205	73.2		54.7		2	31	32	6.4
KAS 7700	72.2		52.2		4	36	33	5.9
Jamestown	71.2		57.3		2	34	30	6.3
Pioneer variety XW07B	71.1		52.7		7	36	33	7.1
KY 00C-2697-04	70.9		55.9		1	37	32	5.9
Exsegen Lydia	70.8	79.4	52.8	56.3	6	36	32	6.5
SS 8404	70.8	78.3	56.0	58.5	0	32	33	5.9
Red Ruby	70.6	76.4	52.0	55.7	0	36	33	6.2
KY 97C-0540-01-03	70.5	75.9	54.8	56.5	3	36	34	5.7
Milton	70.1	74.3	54.5	56.9	1	37	34	5.7
Dyna-Gro V9812	70.0	77.5	53.2	55.0	1	36	32	6.6
Cumberland	69.3	75.4	53.8	56.3	4	35	31	6.0
Dixie 989	69.2	78.9	53.7	55.3	3	37	33	6.4
SS 548	69.1	80.0	53.8	55.7	0	36	32	7.0
Clark	69.0	74.9	55.1	57.0	1	39	31	5.7
SC 1318	68.0	78.4	53.0	54.8	0	36	33	6.7
Delta King 9577	67.8	78.6	53.8	55.7	0	36	32	7.1
Merl	67.4		54.6		0	34	32	7.1
ARMOR 360Z	67.2		53.2		3	37	32	6.4
KY 00C-2175-10	67.0		53.3		2	36	33	6.0
ARMOR ARX 6202	65.5		54.8		2	36	35	6.3
ARMOR GOLD	65.1		54.2		3	36	30	7.0
KY 97C-0321-02-01	65.0	74.8	49.9	53.9	1	35	35	6.9
KY 00C-2059-24	64.0		53.8		1	37	34	5.7
KY 00C-2109-01	60.3		51.5		0	35	32	7.3
SS 8641	56.4	71.2	50.2	54.1	0	36	34	7.6
AVERAGE	74.9	80.4	54.2	56.3	3	37	32	5.9
C.V.	7.8	8.0						
LSD (0.05)	3.1	6.2						

* Summary of seven tests—four no-till (Fulton, Caldwell, LaRue, Daviess counties), and three conventional (Fayette, Logan, Christian counties) tests.

Table 4. 2009 Kentucky Wheat Forage Test.

Variety	DM Yield* at Milk Stage Tons/acre			Winter Grazing** Productivity Index (%)			Head Type
	2009	2008-09	2007-09	2009	2008-09	2007-09	
EXCEL 341	4.25			117			Tip-Awned
Pembroke	4.15	3.42	2.93	106	125	127	Bearded
KY 97C-0321-02-01	4.14	3.77	3.26	95	94	87	Smooth
AgriPro W1566	4.09			98			Smooth
Truman	4.08	3.53	2.95	80	87	83	Smooth
Dixie 989	4.07	3.47	3.06	100	99	101	Smooth
KY 97C-0540-01-03	4.02	3.71		100	98		Bearded
Milton	4.02	3.56	3.08	78	84	84	Bearded
Red Ruby	4.02	3.71	3.21	81	83	82	Bearded
Exsegen Dinah	4.01	3.54	3.13	93	92	94	Smooth
Beck 113	4.00			78			Smooth
ARMOR GOLD	3.95			121			Bearded
Dixie 907	3.94	3.62		81	91		Smooth
KY 97C-0574-01-04	3.91	3.41	2.95	98	87	94	Bearded
PROGENY 166	3.91	3.37		112	105		Tip-Awned
SS 8302	3.90	3.55	3.06	86	95	97	Bearded
KAS 5058	3.89			81			Smooth
AgriPro COKER Oakes	3.88			115			Smooth
SC 1348	3.88	3.54		101	107		Tip-Awned
Exsegen Anna	3.85			123			Smooth
AgriPro COKER 9511	3.84	3.18	2.83	95	99	98	Smooth
Delta Grow 4500	3.84	3.50	2.97	115	102	103	Smooth
KY 97C-0519-04-07	3.84	3.55	3.10	83	94	97	Smooth
Dyna-Gro V9812	3.83	3.47		100	96		Smooth
Pioneer variety 26R22	3.83	3.31	2.88	81	69	76	Bearded
ARMOR ARX 6202	3.82			115			Smooth
VA 04W-90	3.82			98			Smooth
KY 00C-2175-10	3.81			112			Bearded
Delta King 9577	3.79	3.27	2.82	98	109	108	Smooth
SS MPV-57	3.78	3.44	3.04	94	99	102	Smooth
ARMOR 360Z	3.77		2.97	130		117	Smooth
Delta Grow 5200	3.77	3.37	2.89	109	105	106	Smooth
PROGENY 119	3.77			103			Smooth
Pioneer variety XW07B	3.73			121			Bearded
KY 00C-2567-01	3.72			109			Bearded
Pioneer variety 26R15	3.70	3.26	2.93	102	106	104	Bearded
KY 00C-2059-24	3.68			107			Bearded
SS 8309	3.68	3.39	2.93	96	91	87	Smooth
AgriPro W1104	3.67			91			Smooth
KAS 7700	3.67			101			Smooth
Clark	3.64	3.21	2.90	76	81	90	Smooth
KAS 5003	3.64			104			Smooth
SC 1318	3.64	3.24		136	127		Smooth
Pioneer variety 25R63	3.60	3.02	2.65	94	99	98	Bearded
Steyer Nofziger	3.59			91			Tip-Awned
AgriPro W1377	3.58	3.48	3.12	101	102	104	Smooth
Exsegen Lydia	3.57	3.17	2.79	115	116	112	Bearded
Pioneer variety XW07X	3.57			121			Bearded
Delta Grow 1600	3.54	3.29	3.02	98	92	95	Smooth
Bess	3.53	3.15	2.75	83	89	86	Smooth
Exsegen Lois	3.52			95			Smooth
Steyer Geary	3.52			103			Smooth
Cumberland	3.51	3.21	2.82	94	94	95	Bearded
Merl	3.51			114			Smooth
SS 5205	3.50			103			Smooth
Delta King 9108	3.48	3.02		117	116		Smooth
SC 1339	3.47	3.05		109	106		Smooth
SS 520	3.47	3.12	2.65	87	75	85	Smooth
AgriPro Branson	3.46	3.14	2.71	102	96	96	Tip-Awned
ARMOR ARX 840	3.46			104			Smooth
KY 97C-0508-01-01A-1	3.46	3.13		92	101		Bearded
SS 8641	3.45	3.11		87	118		Smooth
Pioneer variety 25R78	3.43			101			Bearded
Beck 122	3.42	3.11	2.75	88	80	76	Smooth
KY 00C-2697-04	3.42			118			Smooth
PROGENY 136	3.42			115			Smooth
PROGENY 117	3.41	3.14		102	118		Smooth
SS 548	3.40	3.17		114	116		Smooth
EXCEL 163	3.39			124			Bearded
EXCEL 234	3.39			114			Smooth
Jamestown	3.36		2.61	94		102	Bearded
ARMOR RENEGADE	3.35			101			Bearded
USG 3350	3.35	3.10	2.74	107	120	113	Smooth
KY 00C-2109-01	3.34			109			Bearded
Dyna-Gro Shirley	3.33	3.08		72	80		Tip-Awned
Exsegen Candace	3.32	2.94		74	82		Smooth
Dyna-Gro 9922	3.30			101			Bearded
SS 8404	3.30	3.20	2.83	103	116	111	Bearded
Dyna-Gro V9710	3.28	3.08	2.72	102	89	86	Smooth
PROGENY 130	3.24			72			Smooth
Dyna-Gro V9723	3.19			100			Smooth
SC 1298	3.17	2.85		95	90		Smooth
SC 1325	3.16	2.89		92	101		Tip-Awned
Steyer Jordan	3.16			95			Tip-Awned
Dixie 940	3.13			89			Smooth
SC 1328B	3.13			94			Bearded
Dyna-Gro 9911	3.10			115			Tip-Awned
PROGENY 185	2.89	2.62		92	81		Smooth
AVERAGE	3.62	3.28	2.91	100	98	97	
C.V.	10.8	10.6	10.7	13	17	18	
LSD (0.05)	0.5	0.4	0.3	18	17	14	

Location: Bluegrass Region—Fayette Co., conventional tillage; Planting date: 10-22-08; Harvest date: 5-18-09

*Dry Matter Yield. **Estimate of winter pre green-up grazing potential (100=average); data recorded 3-17-09 at Princeton, KY using plate pasture meter.

Table 5. 2009 Kentucky Wheat Straw Test.

Variety	DM Yield* (Tons/acre)		
	2009	2008-09	2007-09
KY 97C-0540-01-03	2.37	1.95	
SS 8641	1.98	1.80	
EXCEL 341	1.92		
KY 00C-2059-24	1.92		
KY 97C-0321-02-01	1.90	1.65	1.57
ARMOR ARX 6202	1.89		
Dixie 907	1.77	1.70	
USG 3350	1.76	1.88	1.81
AgriPro W1566	1.76		
Red Ruby	1.75	1.78	1.79
Milton	1.72	1.71	1.58
Dyna-Gro Shirley	1.72	1.53	
Pioneer variety 26R22	1.71	1.58	1.46
Dyna-Gro V9812	1.71	1.45	
Pioneer variety XW07B	1.71		
KY 00C-2567-01	1.71		
Exsegen Lois	1.70		
AgriPro COKER 9511	1.69	1.78	1.74
Delta Grow 4500	1.69	1.71	1.59
Exsegen Dinah	1.66	1.58	1.44
KY 97C-0508-01-01A-1	1.66	1.51	
KAS 5058	1.65		
Delta King 9577	1.62	1.60	1.54
ARMOR RENEGADE	1.62		
SC 1348	1.61	1.56	
KAS 7700	1.61		
PROGENY 119	1.60		
Delta King 9108	1.57	1.69	
EXCEL 234	1.57		
Dixie 989	1.55	1.54	1.38
Steyer Nofziger	1.55		
AgriPro W1104	1.55		
Dixie 940	1.55		
KY 97C-0519-04-07	1.54	1.38	1.38
Dyna-Gro 9922	1.54		
KY 00C-2697-04	1.54		
PROGENY 117	1.52	1.55	
AgriPro COKER Oakes	1.52		
SS 8302	1.51	1.50	1.53
Truman	1.50	1.71	1.77
Pioneer variety 26R15	1.49	1.46	1.37
ARMOR 360Z	1.49		1.38
SC 1328B	1.46		
ARMOR ARX 840	1.46		
KY 00C-2175-10	1.45		
SS 8309	1.44	1.60	1.33
PROGENY 166	1.44	1.62	
SS MPV-57	1.43	1.46	1.40
KY 97C-0574-01-04	1.43	1.53	1.45
Exsegen Candace	1.43	1.36	
Merl	1.43		
Clark	1.42	1.39	1.33
SC 1339	1.42	1.37	
Exsegen Lydia	1.40	1.26	1.28
SS 548	1.40	1.39	
ARMOR GOLD	1.40		
SS 8404	1.39	1.27	1.23
Pioneer variety 25R78	1.38		
Delta Grow 1600	1.37	1.38	1.34
KY 00C-2109-01	1.37		
Jamestown	1.35		1.11
Beck 122	1.34	1.43	1.42
SC 1318	1.34	1.28	
AgriPro W1377	1.33	1.51	1.46
Steyer Jordan	1.33		
Delta Grow 5200	1.32	1.37	1.33
SC 1325	1.29	1.34	
Beck 113	1.29		
Pembroke	1.27	1.35	1.33
Steyer Geary	1.27		
Dyna-Gro V9723	1.27		
PROGENY 130	1.25		
Bess	1.24	1.30	1.33
Dyna-Gro 9911	1.23		
Dyna-Gro V9710	1.22	1.25	1.16
SS 520	1.20	1.33	1.22
PROGENY 136	1.20		
VA 04W-90	1.19		
SC 1298	1.15	1.31	
Pioneer variety 25R63	1.13	1.17	1.22
PROGENY 185	1.13	1.25	
AgriPro Branson	1.10	1.35	1.26
SS 5205	1.10		
Pioneer variety XW07X	1.09		
Cumberland	1.08	1.27	1.28
Exsegen Anna	1.04		
EXCEL 163	1.00		
KAS 5003	0.98		
AVERAGE	1.47	1.49	1.42
C.V.	15.70	16.99	17.78
LSD (0.05)	0.32	0.25	0.21

Location: Bluegrass Region—Fayette Co.; conventional tillage.

Planting date: 10-22-08; **Harvest date:** 6-25-09.

* Dry Matter straw yield following grain harvest.

Table 6. 2009 Kentucky Wheat Test—Purchase Region.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date > April 1 2009	Head Scab Rating 2009
	2009	2008-09	2009	2008-09				
Truman	93.0	88.2	58.1	59.5	0	43	38	3.3
Dyna-Gro 9911	92.9		58.5		18	39	27	5.1
Steyer Jordan	92.0		58.8		16	41	28	5.3
SS 5205	90.9		57.2		4	34	28	6.3
PROGENY 117	88.6	92.2	57.9	58.5	24	42	28	6.1
EXCEL 234	88.5		57.8		10	39	29	5.1
EXCEL 163	87.9		59.1		31	39	26	7.8
Bess	87.3	85.2	57.3	58.7	8	39	30	6.1
SC 1325	87.1	81.0	58.4	60.1	20	39	27	6.1
Jamestown	86.8		59.7		13	37	27	6.8
SS 520	86.3	78.2	55.7	58.1	4	38	27	8.8
Exsegen Candace	86.1	85.4	55.5	56.2	10	44	28	6.8
Delta Grow 4500	86.0	83.9	55.0	56.8	3	43	28	7.6
Beck 113	85.8		56.3		8	37	28	6.8
Pioneer variety XW07X	85.5		56.1		5	38	30	5.8
PROGENY 130	84.9		59.2		44	41	27	6.1
Dyna-Gro V9723	84.8		55.4		5	42	28	7.1
Dyna-Gro V9710	84.4	87.6	56.9	57.5	14	36	27	6.1
SC 1348	84.2	84.1	54.7	56.7	16	43	29	6.8
PROGENY 185	84.1	82.2	56.3	57.2	1	40	28	6.1
Dixie 940	83.7		55.2		4	42	28	6.8
AgriPro Branson	83.3	90.3	55.1	56.8	1	38	27	6.8
Pioneer variety 25R78	82.1		55.6		18	37	28	7.1
Beck 122	81.9	85.6	54.9	56.0	3	40	28	7.1
Exsegen Anna	81.5		55.4		3	36	27	6.1
PROGENY 166	81.3	86.3	54.6	56.4	19	42	28	7.3
Pembroke	80.6	86.6	56.3	58.3	4	39	29	7.1
Delta Grow 5200	80.5	83.5	54.3	56.7	24	42	29	7.3
Dixie 907	80.4	81.1	54.8	55.9	18	41	29	6.6
SC 1298	80.4	81.4	54.0	56.0	4	42	28	6.8
SS 8309	78.5	75.7	55.9	57.9	0	39	29	5.6
PROGENY 119	78.0		57.2		3	41	29	5.6
EXCEL 341	76.8		53.9		25	42	29	6.8
KAS 5003	76.5		55.0		18	37	28	6.3
SC 1328B	76.3		55.3		0	38	29	7.8
Pioneer variety 26R15	74.8	78.8	54.5	56.6	0	38	29	6.6
SS 8302	74.6	80.1	56.0	58.4	10	39	29	7.1
KY 97C-0508-01-01A-1	74.6	85.2	56.2	58.2	16	38	28	6.8
USG 3350	74.5	83.1	54.2	56.6	24	44	28	7.1
SC 1339	74.4	79.3	52.9	55.0	1	40	28	8.3
Delta Grow 1600	74.0	80.6	53.8	54.9	25	42	29	7.3
AgriPro W1104	74.0		53.4		28	38	30	5.6
PROGENY 136	73.9		52.9		0	40	28	8.3
Steyer Geary	72.8		52.3		0	40	28	8.6
SC 1318	72.8	80.6	56.1	57.0	0	39	29	8.1
Dyna-Gro 9922	72.6		54.3		0	38	29	7.3
KY 00C-2567-01	72.4		55.6		23	42	28	7.6
Pioneer variety 25R63	72.4	79.0	55.0	57.0	8	38	29	7.1
VA 04W-90	71.8		58.2		8	38	29	6.3
AgriPro COKER Oakes	71.6		56.6		23	39	29	7.1
Clark	71.2	77.4	56.1	57.2	1	42	27	6.8
KY 00C-2697-04	70.9		57.0		3	41	28	7.3
Delta King 9577	70.9	78.1	56.1	57.8	0	40	28	8.3
SS 548	70.2	78.1	55.9	57.0	0	40	29	7.8
Pioneer variety 26R22	70.0	73.3	55.0	57.0	0	38	28	7.8
SS MPV-57	69.6	81.5	53.5	56.3	15	41	29	8.3
Dyna-Gro V9812	69.4	73.6	55.1	57.3	5	40	29	7.8
Steyer Nofziger	69.4		52.6		33	38	30	6.8
Merl	69.3		56.3		0	36	28	7.3
ARMOR GOLD	69.1		55.7		3	40	27	7.8
Exsegen Lydia	68.5	81.8	55.0	57.3	14	39	29	7.6
ARMOR RENEGADE	67.8		53.2		4	38	29	7.1
Exsegen Dinah	67.3	77.6	56.8	58.6	21	41	29	6.6
Delta King 9108	66.7	77.9	54.1	56.1	28	42	28	8.1
AgriPro W1566	66.2		51.7		40	44	28	7.6
ARMOR ARX 840	66.1		51.9		3	40	28	8.6
KAS 5058	65.4		55.7		31	40	29	6.3
AgriPro W1377	64.7	74.8	55.9	58.9	24	41	30	6.6
KY 97C-0574-01-04	64.3	73.5	55.3	56.6	0	40	29	6.8
AgriPro COKER 9511	63.6	71.4	59.1	59.9	50	41	27	5.8
Dyna-Gro Shirley	63.5	77.2	51.9	55.0	15	36	29	7.1
Dixie 989	63.2	74.0	55.5	56.9	15	39	29	7.6
KAS 7700	62.4		51.7		25	41	29	8.1
SS 8404	60.3	74.4	56.3	58.5	0	36	29	7.8
KY 97C-0519-04-07	60.0	71.0	52.0	55.3	11	38	31	7.6
Cumberland	59.9	71.1	53.8	55.5	20	38	28	7.3
Exsegen Lois	59.8		51.2		26	37	30	6.8
ARMOR 360Z	58.1		54.1		15	42	29	8.3
Red Ruby	57.4	68.2	52.3	56.1	0	38	29	8.3
Milton	56.9	69.3	53.8	57.3	4	41	30	7.6
KY 97C-0540-01-03	52.0	67.5	53.6	56.9	13	39	30	7.6
Pioneer variety XW07B	50.3		52.0		43	40	29	8.6
KY 00C-2059-24	47.0		52.2		5	41	30	7.8
KY 97C-0321-02-01	43.6	62.1	47.3	53.6	8	39	31	8.6
SS 8641	42.9	64.2	49.5	53.6	0	38	29	9.0
KY 00C-2175-10	42.9		51.0		5	38	29	8.3
ARMOR ARX 6202	38.6		54.9		13	39	31	7.1
KY 00C-2109-01	38.0		50.8		0	39	29	8.1
AVERAGE	72.4	78.8	55.0	57.0	12	40	29	7.1
C.V.	12.5	11.0						
LSD (0.05)	12.6	8.3						

Location: Fulton Co., 2008 (Hickman Co.); Scab rating: 5-28-09 (1=excellent, 9=poor); Prosaro app.: 4-30-09 and 5-13-09
 Planting date: 10-17-08, no-till; Harvest date: 6-18-09; Preceding crop: Corn.

Table 7. 2009 Kentucky Wheat Test—Western Coal Field Region.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date > April 1	Head Scab Rating
	2009	2008-09	2009	2008-09	2009	2009	2009	2009
Pioneer variety XW07X	87.6		56.6		0	37	31	3.5
EXCEL 234	87.1		57.5		11	39	31	4.0
Dyna-Gro Shirley	86.5	90.5	53.5	55.3	0	33	30	5.3
SC 1328B	86.0		55.5		5	36	31	4.8
AgriPro W1104	85.8		53.4		6	35	32	4.3
SS MPV-57	83.6	89.5	55.3	56.5	8	37	32	5.8
Dyna-Gro 9922	83.5		55.6		1	36	30	4.8
Dyna-Gro 9911	81.7		56.8		5	36	29	5.8
KY 97C-0508-01-01A-1	81.1	85.1	56.2	57.3	4	35	30	5.8
SC 1339	81.0	91.1	51.8	53.7	1	39	30	6.5
AgriPro Branson	80.7	86.4	54.6	55.4	3	35	29	6.3
Exsegen Candace	80.7	82.3	53.6	55.3	9	40	29	6.3
AgriPro W1377	80.6	82.0	54.8	57.1	0	38	31	5.0
ARMOR RENEGADE	79.8		55.8		3	35	31	4.3
KAS 5058	79.7		56.8		8	36	31	4.8
Exsegen Dinah	79.6	84.7	56.5	57.0	4	37	30	4.8
Steyer Jordan	79.4		56.7		6	36	29	5.5
VA 04W-90	79.3		56.9		1	37	30	5.0
Red Ruby	79.2	78.9	52.6	55.7	0	37	31	5.5
Pioneer variety 26R15	78.8	84.3	54.1	56.3	0	36	31	5.3
SS 8404	78.2	82.4	58.0	58.2	0	32	32	5.0
Pioneer variety XW07B	78.2		53.4		3	36	31	6.8
Pioneer variety 25R63	78.2	86.5	54.3	55.9	1	36	30	4.5
Dixie 940	78.2		53.9		1	39	29	6.0
SC 1348	78.1	85.8	52.9	54.4	5	40	30	6.0
Exsegen Lois	78.0		51.8		1	34	32	5.5
Steyer Geary	77.8		52.0		1	38	29	6.0
Pioneer variety 26R22	77.7	79.6	54.4	56.2	0	39	30	6.0
Exsegen Anna	77.7		52.8		1	33	29	7.0
SS 8302	77.7	83.8	56.5	57.6	0	36	32	4.3
AgriPro W1566	77.7		53.7		1	40	30	5.8
SC 1298	77.6	82.2	53.6	55.0	8	40	29	6.0
AgriPro COKER Oakes	77.5		56.6		5	36	31	4.8
Beck 122	77.3	81.7	53.8	55.0	3	40	29	6.0
KY 97C-0519-04-07	77.2	82.9	53.0	54.9	0	34	33	5.0
KY 00C-2697-04	77.1		57.0		0	37	31	5.3
KY 97C-0574-01-04	76.7	78.0	55.7	57.0	0	36	31	4.8
Delta King 9577	76.5	87.2	54.2	55.9	1	36	30	6.8
Beck 113	76.4		55.0		3	35	30	5.5
SS 548	76.3	89.8	53.4	55.6	3	37	31	6.8
Exsegen Lydia	76.0	85.3	53.9	56.0	10	35	30	6.0
SS 520	75.8	74.2	53.7	55.9	8	37	29	7.3
Dixie 907	75.8	85.4	53.1	55.3	1	40	31	6.5
Pioneer variety 25R78	75.7		54.7		0	35	29	6.8
EXCEL 163	75.6		57.8		20	37	27	7.3
ARMOR ARX 840	75.6		51.7		4	39	29	6.5
Dyna-Gro V9723	75.5		53.5		8	40	29	6.0
PROGENY 117	75.3	80.9	56.3	56.6	10	38	29	5.5
Steyer Nofziger	75.1		52.1		3	37	32	5.5
KAS 5003	75.0		52.8		0	32	30	6.8
Dyna-Gro V9812	75.0	81.8	53.3	54.8	1	37	30	6.8
SC 1325	75.0	81.2	56.6	57.1	3	37	29	5.3
KY 00C-2567-01	74.9		55.1		0	37	30	5.5
Pembroke	74.7	80.6	56.1	57.3	0	36	31	5.0
KAS 7700	74.7		52.6		0	37	31	5.8
PROGENY 130	74.6		57.9		19	38	28	5.5
AgriPro COKER 9511	74.5	78.7	58.2	58.2	4	39	29	4.5
Delta Grow 5200	74.3	85.0	53.2	54.8	5	39	30	6.3
EXCEL 341	74.0		52.9		5	40	30	6.3
KY 97C-0540-01-03	73.9	75.1	56.4	57.8	1	36	32	4.5
PROGENY 136	73.8		51.6		5	38	30	7.3
KY 00C-2175-10	73.8		54.8		4	37	31	6.0
USG 3350	73.7	83.5	54.3	55.4	4	40	30	6.0
Milton	73.6	71.8	55.7	56.6	0	36	32	4.8
Dyna-Gro V9710	73.6	78.6	54.5	54.6	0	33	28	7.0
PROGENY 166	73.6	84.0	53.7	55.1	5	41	29	7.0
SS 8309	73.5	72.8	54.1	56.4	0	37	31	5.0
Bess	73.4	77.8	55.6	57.0	13	38	32	4.3
ARMOR ARX 6202	73.3		54.8		3	35	32	5.8
Dixie 989	73.0	80.3	53.5	54.8	5	37	30	6.0
KY 00C-2059-24	72.9		56.0		0	37	32	5.5
Delta Grow 4500	72.8	82.2	53.2	55.1	8	40	30	7.3
ARMOR 360Z	72.7		53.4		1	37	30	6.0
Jamestown	72.7		58.2		3	35	29	6.5
Delta Grow 1600	72.1	81.3	53.3	53.6	5	39	30	6.5
SS 5205	71.7		55.1		10	31	30	5.5
PROGENY 185	71.5	76.2	54.4	54.9	6	35	30	5.8
SC 1318	71.1	80.8	52.8	55.0	3	37	30	6.5
KY 97C-0321-02-01	70.6	73.0	51.4	54.5	0	35	33	6.3
KY 00C-2109-01	70.1		53.4		1	35	30	7.0
Merl	69.5		56.1		1	34	29	6.0
Cumberland	69.4	75.1	54.4	55.7	3	36	30	6.0
Delta King 9108	69.0	82.5	54.5	56.4	5	39	30	6.3
Truman	68.9	75.4	57.4	57.6	1	41	40	2.8
SS 8641	68.6	81.9	52.9	55.7	3	37	31	6.8
PROGENY 119	68.5		55.4		5	37	31	6.3
ARMOR GOLD	66.3		55.5		5	36	29	7.0
Clark	61.7	70.6	55.3	56.7	0	38	29	5.5
AVERAGE	76.0	81.5	54.6	55.9	4	37	30	5.8
C.V.	6.4	7.1						
LSD (0.05)	6.8	5.6						

Location: Caldwell Co. (Princeton, Kentucky); Scab rating: 5-28-09 (1=excellent, 9=poor); Folicur applied: 4-30-09
 Planting date: 10-10-08, no-till; Harvest date: 6-20-09; Preceding crop: Corn.

Table 8. 2009 Kentucky Wheat Test—Ohio Valley Region.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date > April 1 2009	Head Scab Rating 2009
	2009	2008-09	2009	2008-09				
AgriPro W1104	106.0		56.1		19	36	34	3.8
Dyna-Gro 9922	105.0		57.4		0	37	33	4.5
Pioneer variety 25R63	103.1	101.3	56.8	57.6	3	37	33	4.5
SS 8302	103.1	99.6	57.9	58.8	0	35	34	5.0
Pembroke	102.7	100.1	57.8	58.9	3	36	31	4.5
ARMOR RENEGADE	102.6		58.0		0	37	32	4.0
Pioneer variety XW07X	101.1		58.4		4	37	34	3.5
SC 1328B	100.9		57.7		0	37	32	4.3
Beck 113	98.6		56.8		6	34	31	4.3
SC 1298	98.4	96.5	55.1	56.3	0	40	30	5.0
Pioneer variety 26R22	98.0	94.4	54.7	56.6	0	37	31	6.3
AgriPro W1566	97.8		53.9		1	39	32	5.3
PROGENY 119	97.6		57.8		0	38	32	4.8
Delta Grow 4500	97.5	93.8	55.6	57.2	16	40	31	4.5
Beck 122	97.3	94.0	55.2	56.5	0	40	30	5.3
KY 97C-0519-04-07	97.1	94.8	55.5	56.0	0	33	35	5.3
Exsegen Dinah	96.6	97.3	58.7	59.6	4	35	32	4.8
EXCEL 341	96.4		55.5		5	41	32	4.8
KAS 5058	96.1		58.5		3	36	32	5.0
EXCEL 234	95.8		58.9		0	38	33	3.3
Dyna-Gro V9723	95.7		55.4		6	39	31	5.0
KY 00C-2567-01	94.9		55.1		0	38	32	5.5
Truman	94.4	93.4	59.4	59.2	6	41	42	2.5
Steyer Geary	94.3		53.7		0	37	31	5.0
SS 520	94.3	90.0	53.8	55.8	0	36	29	8.8
AgriPro Branson	93.6	96.0	55.0	56.5	0	34	30	5.5
Exsegen Lois	93.4		54.3		0	35	34	5.3
VA 04W-90	93.0		57.7		8	35	32	5.5
Pioneer variety XW07B	92.9		55.5		0	36	33	6.5
AgriPro COKER 9511	92.8	88.7	60.4	59.9	1	37	30	3.8
PROGENY 136	92.5		53.0		0	38	31	6.0
Dixie 907	92.3	97.4	55.0	56.2	10	41	32	5.0
Delta Grow 5200	92.3	94.9	56.5	57.7	11	39	32	4.5
USG 3350	92.0	93.5	55.7	56.7	3	40	31	4.5
Dyna-Gro V9710	91.6	90.8	56.0	57.1	3	32	29	5.5
Delta Grow 1600	91.4	95.4	56.0	57.1	3	39	32	4.8
Pioneer variety 26R15	91.2	93.8	56.0	57.2	0	37	33	4.5
Dixie 940	91.1		54.9		0	39	31	5.5
EXCEL 163	90.7		57.8		30	36	28	6.3
KY 97C-0574-01-04	90.6	90.0	56.4	58.0	0	37	33	5.0
AgriPro W1377	90.3	90.8	57.5	59.4	0	38	34	5.3
Dyna-Gro Shirley	90.2	89.0	54.0	55.8	0	33	34	6.0
SC 1348	90.2	95.1	55.1	56.4	6	39	32	5.0
Bess	90.2	94.6	57.7	58.3	3	37	33	3.3
SC 1325	90.0	87.3	57.3	58.1	6	36	30	5.0
Clark	89.9	88.5	56.8	57.9	4	38	30	5.8
Exsegen Candace	89.8	92.4	54.4	56.2	1	40	30	5.8
SS 8404	89.3	89.0	57.6	59.2	0	32	33	5.5
KY 97C-0540-01-03	89.2	85.6	56.7	57.7	4	37	34	5.5
KY 97C-0508-01-01A-1	88.9	81.4	56.3	57.4	0	34	31	5.0
PROGENY 166	88.9	92.2	55.4	56.1	4	40	31	5.3
SS MPV-57	88.6	91.9	55.0	56.4	0	36	33	5.5
Delta King 9108	88.1	89.7	55.5	56.8	14	40	30	6.0
ARMOR ARX 840	88.1		52.4		1	37	31	6.3
Exsegen Anna	88.0		52.7		0	31	30	6.3
Pioneer variety 25R78	87.8		54.7		0	34	30	6.8
Steyer Jordan	87.7		57.8		1	36	30	4.8
Exsegen Lydia	87.4	91.4	54.0	56.4	5	36	32	5.8
PROGENY 117	87.3	89.2	56.5	57.2	15	38	30	4.8
PROGENY 185	87.3	91.8	55.3	56.6	0	35	31	5.3
KY 00C-2175-10	87.0		55.9		1	36	32	5.8
AgriPro COKER Oakes	86.8		57.5		1	35	33	5.3
PROGENY 130	85.6		59.2		65	37	29	4.3
Dixie 989	85.5	93.2	54.9	55.6	0	35	32	6.3
SS 8309	85.1	84.8	56.7	57.7	0	38	33	4.3
Milton	85.1	82.2	56.6	58.3	0	37	34	5.5
KAS 7700	85.0		54.8		0	35	33	5.8
SC 1339	84.9	90.8	52.4	54.5	0	36	31	6.8
Dyna-Gro 9911	84.7		57.5		5	35	30	5.0
Cumberland	84.6	83.1	54.6	56.8	6	34	31	6.0
ARMOR ARX 6202	84.5		55.8		0	36	35	6.0
Delta King 9577	84.1	88.6	55.1	55.7	1	35	31	7.8
KAS 5003	83.3		53.0		0	31	30	6.8
Steyer Nofziger	82.5		52.7		0	37	34	6.0
SS 5205	82.2		55.3		0	31	32	6.3
KY 00C-2697-04	81.9		56.8		1	36	31	6.3
ARMOR 360Z	81.3		54.2		1	36	32	7.0
Red Ruby	80.7	85.3	52.8	55.7	0	36	33	5.8
KY 97C-0321-02-01	79.9	86.2	52.0	54.3	0	34	36	5.8
SS 548	79.4	85.7	53.6	55.0	0	35	32	7.3
Merl	78.6		55.4		0	34	31	7.5
Dyna-Gro V9812	78.3	84.2	53.8	54.7	0	35	33	6.8
KY 00C-2059-24	78.3		55.4		0	37	35	5.8
Jamestown	76.2		58.1		0	32	29	6.0
SC 1318	75.1	85.2	53.1	54.4	0	35	33	7.3
ARMOR GOLD	72.7		55.1		5	35	29	7.0
KY 00C-2109-01	66.0		51.8		0	33	32	7.8
SS 8641	64.6	76.5	50.1	52.9	0	37	34	8.0
AVERAGE	89.6	90.9	55.7	56.9	3	36	32	5.5
C.V.	6.5	7.0						
LSD (0.05)	8.2	6.2						

Location: 2009 (Davies Co.), 2008 (Webster Co.); Scab rating: 5-28-09 (1=excellent, 9=poor); Caramba applied: 5-5-09
 Planting date: 10-11-08, no-till; Harvest date: 6-21-09; Preceding crop: Corn.

Table 9. 2009 Kentucky Wheat Test—Bluegrass Region.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date > April 1 2009	Head Scab Rating 2009
	2009	2008-09	2009	2008-09				
AgriPro W1566	89.2		55.7		0	38	35	7.0
KAS 5058	88.9		60.7		0	36	37	5.5
Exsegen Dinah	86.5	83.9	60.4	60.3	1	36	37	5.5
AgriPro Branson	85.4	82.8	57.3	58.5	4	35	35	7.0
PROGENY 119	85.3		58.8		0	36	37	6.0
AgriPro W1104	85.0		56.4		8	35	38	5.5
AgriPro COKER 9511	84.7	80.4	60.9	61.9	9	39	36	4.0
KY 97C-0508-01-01A-1	84.0	77.2	57.7	59.2	0	34	36	6.3
Pioneer variety XW07X	83.6		59.0		0	36	38	3.8
SS MPV-57	83.4	82.5	57.8	57.9	0	36	38	7.0
Dyna-Gro Shirley	83.0	78.8	56.0	56.9	0	32	38	6.8
KY 00C-2567-01	82.6		57.4		0	37	37	7.5
EXCEL 341	82.4		58.0		3	39	38	6.3
Pioneer variety 26R22	81.6	80.5	56.0	57.9	0	38	36	7.3
Exsegen Lois	81.4		55.3		1	34	38	6.5
SS 8302	81.2	80.8	58.5	59.6	0	35	38	5.8
Steyer Nofziger	81.0		54.4		0	36	38	7.0
Dixie 907	80.9	79.3	56.7	57.5	0	39	38	6.5
SC 1348	80.9	81.5	57.3	57.6	0	39	38	6.5
ARMOR ARX 840	80.7		53.6		1	37	36	7.8
KY 97C-0519-04-07	80.5	84.1	55.1	56.2	0	34	39	6.5
AgriPro W1377	80.4	78.8	58.9	60.2	1	36	39	5.8
Jamestown	80.1		58.5		0	34	35	5.8
KAS 5003	80.1		55.2		0	33	36	7.0
Pioneer variety 25R63	79.9	81.3	56.4	58.1	0	34	37	5.8
USG 3350	79.7	78.5	58.0	58.3	1	40	37	6.8
ARMOR 360Z	79.7		55.0		0	35	37	8.0
Delta Grow 4500	79.6	77.8	56.9	57.7	4	40	37	6.8
Dyna-Gro V9710	79.6	77.9	57.1	58.1	0	33	33	7.3
Exsegen Anna	79.4		55.3		0	32	35	7.8
Dyna-Gro V9812	79.1	77.9	54.8	55.4	0	36	37	8.0
Delta Grow 1600	79.1	78.0	57.1	56.0	1	39	38	7.0
Beck 113	79.0		57.7		0	33	36	7.5
Delta King 9108	78.3	78.0	56.9	58.0	1	38	36	6.0
Dyna-Gro V9723	78.3		57.8		3	39	36	6.3
Pioneer variety XW07B	77.9		56.8		3	35	37	7.5
Exsegen Candace	77.8	74.7	57.3	57.6	1	39	35	6.5
VA 04W-90	77.7		57.5		3	34	38	6.3
EXCEL 163	77.6		58.5		0	35	33	7.0
Delta King 9577	77.5	77.7	54.7	56.3	0	35	36	8.0
ARMOR ARX 6202	77.1		56.9		1	35	39	7.5
Bess	77.0	77.9	58.4	59.3	5	36	38	5.5
Pembroke	77.0	77.7	58.7	59.9	0	33	38	6.0
Pioneer variety 26R15	77.0	78.7	56.2	57.9	0	34	37	7.0
SC 1339	76.6	79.3	53.1	55.0	0	35	36	7.8
PROGENY 136	76.6		53.4		1	36	37	7.8
SS 8309	76.5	76.8	59.0	58.9	0	36	38	5.0
Beck 122	76.4	74.5	57.0	57.6	1	38	35	6.5
Steyer Geary	76.3		53.8		3	35	36	7.5
AgriPro COKER Oakes	76.2		58.5		0	34	38	6.3
Red Ruby	76.1	74.0	55.0	57.1	0	36	38	6.5
Dixie 989	75.9	76.6	55.5	55.3	0	36	37	7.8
SS 5205	75.7		57.8		0	30	37	7.0
KY 97C-0540-01-03	75.5	76.1	58.0	58.4	0	34	38	6.5
PROGENY 185	75.4	75.4	56.5	57.4	0	34	36	6.3
KY 97C-0321-02-01	75.1	79.1	53.2	56.0	0	35	39	7.8
KAS 7700	74.9		55.3		0	34	36	7.5
SS 548	74.9	78.6	55.6	55.4	0	35	37	8.0
Clark	74.7	72.2	57.1	58.3	1	38	35	5.5
Milton	74.6	76.0	58.3	59.9	0	34	38	6.8
Cumberland	74.6	75.0	56.4	58.3	0	34	36	6.5
EXCEL 234	74.5		60.1		16	37	38	5.5
Pioneer variety 25R78	74.5		57.5		0	33	35	7.5
Delta Grow 5200	74.5	77.7	57.1	56.8	0	39	38	6.8
SC 1328B	73.9		57.8		0	35	36	6.5
SS 520	73.8	73.2	55.0	56.0	6	37	35	8.0
Dyna-Gro 9922	73.7		56.9		0	35	37	6.8
KY 00C-2697-04	73.6		57.4		0	36	38	6.5
Steyer Jordan	73.0		59.4		5	35	36	5.5
SC 1298	72.9	71.1	56.8	57.1	3	38	36	7.0
Dyna-Gro 9911	72.8		59.4		4	36	36	5.3
PROGENY 166	72.2	74.6	56.9	57.8	0	38	37	6.8
SC 1318	71.8	77.2	54.0	55.0	0	34	38	7.8
PROGENY 117	71.8	73.1	58.6	59.1	10	38	37	6.0
Dixie 940	71.6		56.8		1	38	36	6.8
SS 8404	71.5	73.2	59.1	60.8	0	30	38	6.8
Exsegen Lydia	71.3	71.0	54.4	57.4	4	35	37	7.0
SC 1325	71.1	68.1	58.3	59.5	1	36	36	6.0
Merl	70.9		57.6		0	34	38	7.0
KY 97C-0574-01-04	70.8	74.6	57.1	58.8	0	34	38	6.8
KY 00C-2175-10	70.6		56.8		1	35	38	7.0
Truman	69.7	75.6	58.1	58.3	4	40	46	3.8
ARMOR GOLD	69.7		57.2		8	35	35	6.3
PROGENY 130	69.6		58.8		14	37	35	6.0
SS 8641	69.6	74.0	54.8	56.3	0	36	39	8.0
ARMOR RENEGADE	69.3		57.2		0	34	36	6.5
KY 00C-2109-01	67.7		54.8		0	33	38	7.5
KY 00C-2059-24	65.9		56.1		0	34	39	6.8
AVERAGE	77.0	77.2	56.9	57.8	2	36	37	6.6
C.V.	5.2	6.5						
LSD (0.05)	5.6	4.9						

Location: Fayette Co. (Lexington, Kentucky); **Scab rating:** 6-8-09 (1=excellent, 9=poor); **No fungicide applied**
Planting date: 10-22-08, conventional tillage; **Harvest date:** 6-25-09; **Preceding crop:** Corn.

Table 10. 2009 Kentucky Wheat Test—Southern Tier Region A.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Height (In) 2009	Heading Date > April 1 2009	Head Scab Rating 2009
	2009	2008-09	2009	2008-09			
AgriPro COKER 9511	73.2	86.7	55.9	57.6	42	29	2.8
Truman	72.2	80.9	54.8	56.1	42	40	0.0
Exsegen Dinah	70.8	83.4	52.2	55.5	39	30	3.5
SC 1328B	70.4		48.9		39	30	5.3
Dyna-Gro 9922	69.7		50.4		39	31	5.0
SS 8302	69.0	80.7	51.9	55.3	39	31	4.8
KAS 5058	68.4		53.4		39	30	3.8
Pioneer variety XW07X	66.8		51.7		39	32	1.5
ARMOR RENEGADE	66.8		49.3		39	30	5.0
Pioneer variety 26R15	66.8	76.7	48.7	52.2	39	31	4.5
VA 04W-90	66.7		52.8		38	31	5.3
SS MPV-57	65.6	64.2	49.3	53.1	41	31	6.0
PROGENY 117	64.6	72.2	52.8	55.6	42	29	5.3
AgriPro COKER Oakes	64.5		53.0		37	31	5.0
Pembroke	63.3	70.6	52.4	54.9	39	30	4.5
AgriPro W1104	63.2		46.8		39	31	3.8
KY 97C-0508-01-01A-1	63.1	71.4	51.8	54.7	39	30	5.5
KY 00C-2567-01	62.9		50.3		40	30	7.3
PROGENY 119	62.9		51.0		41	31	5.3
Dixie 907	62.5	74.1	47.8	51.4	41	31	6.5
Exsegen Lois	62.4		45.5		38	32	5.3
KY 97C-0574-01-04	62.4	79.1	51.8	54.2	39	31	5.3
EXCEL 341	62.0		47.5		41	31	5.5
Beck 122	61.7	81.2	48.5	52.1	42	29	4.3
Beck 113	61.7		49.5		37	30	3.0
KAS 7700	61.0		46.0		38	31	4.0
Dyna-Gro V9723	60.8		49.5		42	30	4.3
ARMOR ARX 6202	60.6		51.7		38	33	5.5
SC 1348	60.5	68.7	47.6	50.8	42	31	6.3
KY 97C-0540-01-03	60.4	69.3	50.7	53.7	37	31	6.3
Exsegen Anna	59.8		45.9		36	29	3.5
Dixie 940	59.5		48.8		42	30	4.5
Dyna-Gro Shirley	59.2	80.3	45.7	50.9	34	32	5.5
KY 00C-2059-24	59.0		50.3		40	33	5.0
Bess	58.9	72.6	50.8	55.4	40	32	2.5
EXCEL 234	58.7		53.4		40	31	3.3
Delta Grow 4500	58.4	71.0	48.5	52.3	42	31	6.0
Steyer Nofziger	58.4		46.1		39	32	6.0
AgriPro W1377	58.3	77.6	52.6	56.4	38	32	4.8
Dixie 989	57.9	78.4	49.8	52.6	40	31	6.5
SC 1298	57.6	77.4	48.7	52.4	43	30	4.8
USG 3350	57.5	68.1	49.0	52.8	42	30	6.8
SC 1325	57.4	70.8	53.0	55.6	39	30	6.0
Dyna-Gro 9911	57.3		53.1		39	30	4.8
Dyna-Gro V9812	57.2	76.2	48.2	51.1	38	31	5.0
KY 00C-2175-10	57.1		48.2		38	31	5.5
Pioneer variety 25R63	57.1	66.0	48.2	52.0	37	31	5.3
Delta Grow 1600	56.9	72.1	47.8	52.4	41	32	6.0
Delta Grow 5200	56.8	68.3	47.4	51.9	41	31	6.5
SC 1318	56.8	71.5	47.6	51.0	38	31	5.8
Steyer Geary	56.7		46.3		40	30	7.3
KAS 5003	56.7		46.1		36	29	3.3
SS 8404	56.6	59.2	49.9	53.2	35	31	6.3
PROGENY 185	56.3	78.1	48.2	52.9	38	30	5.8
SC 1339	56.1	73.7	47.2	50.9	40	30	6.3
AgriPro Branson	56.0	72.7	49.0	52.1	37	29	7.0
Delta King 9108	56.0	69.2	48.8	52.1	42	30	5.5
KY 97C-0519-04-07	55.8	73.7	46.8	50.4	36	33	7.3
Steyer Jordan	55.7		53.0		40	29	5.5
SS 8309	55.6	67.7	48.6	51.9	38	31	3.3
PROGENY 166	55.4	67.4	48.6	52.2	42	31	6.0
Red Ruby	55.3	68.6	47.9	51.6	40	31	7.3
Dyna-Gro V9710	55.3	65.8	51.2	52.7	36	29	5.0
Pioneer variety 26R22	55.0	72.3	48.9	51.9	39	30	6.5
KY 97C-0321-02-01	54.8	66.0	44.8	50.5	37	33	7.5
AgriPro W1566	54.3		48.3		43	30	6.3
ARMOR ARX 840	54.3		47.6		40	30	6.8
ARMOR 360Z	54.3		49.1		39	31	5.0
Milton	54.1	73.9	49.8	54.2	39	32	5.5
PROGENY 136	53.2		46.4		40	30	6.0
Cumberland	52.9	67.2	50.4	53.5	39	30	6.3
SS 548	52.6	70.6	48.6	52.2	39	31	6.3
Exsegen Candace	52.4	72.7	48.5	52.6	43	30	6.3
Pioneer variety 25R78	51.5		49.7		37	30	7.8
KY 00C-2697-04	50.6		52.1		39	30	5.5
SS 5205	50.0		49.0		33	30	6.5
Pioneer variety XW07B	49.3		46.5		38	31	8.0
PROGENY 130	49.1		53.5		40	29	4.0
Clark	47.5	64.5	51.8	54.2	41	30	4.5
Exsegen Lydia	47.5	66.3	47.4	51.9	39	30	7.8
Delta King 9577	47.4	68.8	49.3	53.2	39	30	6.0
SS 8641	47.0	62.5	43.0	48.6	38	32	7.0
Jamestown	44.9		53.6		36	29	7.0
KY 00C-2109-01	43.9		45.5		37	31	8.0
EXCEL 163	42.9		54.0		39	27	7.3
SS 520	42.9	59.8	47.3	50.8	38	28	8.3
Merl	41.3		48.6		36	30	7.8
ARMOR GOLD	37.3		47.5		38	29	8.8
AVERAGE	57.6	71.9	49.4	52.9	39	31	5.5
C.V.	7.8	13.3					
LSD (0.05)	6.2	8.8					

Location: Logan Co.; **Scab rating:** 5-30-09 (1=excellent, 9=poor); **No fungicide applied**
Planting date: 10-14-08, conventional tillage; **Harvest date:** 6-25-09; **Preceding crop:** Corn.

Table 11. 2009 Kentucky Wheat Test—Southern Tier Region B.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date > April 1	Head Scab Rating 2009
	2009	2008-09	2009	2008-09				
Steyer Jordan	93.0		56.7		0	37	29	6.5
SS 8302	92.4	78.4	55.9	56.9	0	36	31	5.5
SC 1348	91.2	81.1	54.9	54.2	9	40	30	6.5
Bess	91.2	87.7	56.0	57.8	6	37	30	5.0
EXCEL 341	91.0		55.1		0	40	30	6.0
Dyna-Gro V9723	90.6		54.3		1	40	29	6.8
Pioneer variety 25R63	90.2	88.2	54.8	55.3	0	37	30	5.3
KAS 5058	89.4		56.9		0	37	30	5.8
USG 3350	88.5	73.4	55.2	56.0	0	40	30	6.5
Exsegen Dinah	88.4	81.1	56.9	57.7	1	37	30	5.5
AgriPro W1104	88.1		52.5		0	34	31	4.8
SC 1328B	87.4		54.8		0	37	29	6.3
Exsegen Candace	87.0	77.6	53.9	54.9	1	40	29	6.3
Dyna-Gro 9922	86.9		54.5		0	37	29	6.0
ARMOR RENEGADE	86.8		55.1		0	37	30	5.3
Dyna-Gro 9911	86.8		56.9		0	36	29	6.3
KAS 5003	86.6		53.2		0	32	30	6.5
EXCEL 234	86.6		56.1		1	38	31	5.3
Steyer Geary	86.5		53.0		0	38	29	7.0
KY 97C-0508-01-01A-1	86.3	79.4	55.4	56.2	0	35	30	6.3
Delta Grow 5200	85.9	75.1	55.0	55.1	0	39	31	5.8
PROGENY 119	85.7		56.7		5	37	31	5.5
KY 97C-0574-01-04	85.2	71.8	55.2	56.2	1	36	31	5.3
Dixie 907	85.2	78.2	54.6	54.5	1	40	31	5.8
AgriPro Branson	85.0	79.7	54.6	55.0	1	35	29	7.5
Pioneer variety XW07X	84.9		56.0		0	35	30	5.5
AgriPro W1566	84.9		53.7		3	41	29	6.3
ARMOR ARX 840	84.8		52.6		0	38	29	6.3
Delta Grow 1600	84.7	77.1	55.2	54.3	0	40	30	5.3
Exsegen Anna	84.5		52.3		0	34	29	7.0
Steyer Nofziger	84.4		53.1		0	38	31	6.3
Delta Grow 4500	84.3	70.0	53.7	54.5	0	41	30	6.5
SC 1298	84.0	79.8	53.5	55.1	0	39	30	6.3
Pioneer variety 26R15	83.9	75.4	53.4	54.8	0	36	30	6.5
PROGENY 185	83.7	77.4	55.0	56.1	0	37	29	7.3
Exsegen Lois	83.3		52.2		1	35	31	6.0
PROGENY 136	83.3		52.8		0	38	29	7.3
Beck 113	83.2		56.0		1	36	30	6.3
PROGENY 117	83.0	78.6	55.5	55.8	3	39	29	7.0
SC 1325	82.8	76.0	56.2	57.1	0	36	29	7.0
SC 1339	82.8	78.3	52.1	52.9	0	38	29	7.0
Pembroke	82.3	75.0	55.5	56.6	0	34	31	5.5
Pioneer variety 26R22	82.1	69.0	53.3	54.7	1	36	29	6.5
KY 97C-0540-01-03	81.4	74.0	54.5	56.0	0	35	31	6.3
Beck 122	81.3	77.5	54.2	55.6	1	40	29	6.3
Milton	81.0	71.9	54.5	55.9	3	37	32	6.3
Delta King 9108	80.8	80.3	54.4	55.7	0	40	30	6.0
Red Ruby	80.0	67.4	53.1	55.1	0	36	31	6.0
KY 00C-2109-01	79.9		53.9		0	37	30	7.0
Pioneer variety XW07B	79.9		53.2		3	36	30	7.0
AgriPro W1377	79.6	78.2	54.9	57.2	0	37	31	5.8
PROGENY 166	79.3	79.5	54.8	54.9	0	40	30	6.5
KY 00C-2567-01	79.1		54.3		0	36	30	6.8
SS 5205	78.3		55.0		1	32	29	7.3
Pioneer variety 25R78	78.0		53.6		0	36	29	7.3
AgriPro COKER Oakes	77.7		55.7		0	35	31	6.3
SS 8404	77.5	75.0	57.1	57.1	0	31	31	6.0
EXCEL 163	77.5		56.6		3	37	28	6.8
KAS 7700	77.3		53.8		0	35	31	6.3
VA 04W-90	76.9		56.4		0	36	31	6.5
Dixie 940	76.8		53.5		0	38	29	6.5
SS 8309	75.9	65.5	55.2	56.2	0	37	31	4.8
KY 97C-0519-04-07	75.9	72.1	52.1	53.1	0	33	32	6.5
AgriPro COKER 9511	75.8	74.2	58.2	58.3	0	39	29	5.0
SS MPV-57	75.8	77.7	53.5	55.8	16	36	30	6.8
Truman	75.7	68.3	57.3	57.1	0	39	40	3.3
PROGENY 130	75.4		56.7		8	39	28	6.3
ARMOR GOLD	75.2		54.6		1	37	28	7.5
Dyna-Gro V9710	75.1	67.5	53.8	53.4	0	34	28	7.8
Dyna-Gro Shirley	74.9	73.0	52.4	53.6	0	33	31	6.8
Merl	74.3		55.1		0	35	30	7.3
SS 520	73.8	62.3	53.3	55.1	5	37	28	7.8
KY 00C-2175-10	73.4		54.8		0	35	31	6.3
Exsegen Lydia	72.7	74.5	53.8	55.3	6	36	30	6.8
Cumberland	70.9	74.0	54.9	56.0	0	36	30	5.5
KY 97C-0321-02-01	68.6	64.6	50.8	52.5	0	35	33	7.0
KY 00C-2697-04	68.4		55.8		0	35	30	6.3
KY 00C-2059-24	68.1		54.9		0	36	32	6.0
Jamestown	68.0		57.5		0	35	29	6.5
Clark	66.5	66.9	55.2	56.3	1	39	29	6.8
Dixie 989	62.6	64.1	54.8	55.6	0	35	31	6.0
SS 548	61.1	68.5	56.3	55.9	0	35	30	7.0
ARMOR ARX 6202	59.5		56.2		0	35	32	6.0
SC 1318	58.6	60.8	56.2	55.2	0	34	31	6.5
SS 8641	56.1	65.3	52.9	55.1	0	35	30	7.5
Dyna-Gro V9812	55.6	65.5	55.6	54.4	0	36	31	6.8
ARMOR 360Z	50.9		55.0		0	36	30	6.5
Delta King 9577	50.4	57.5	55.0	55.4	0	35	30	7.0
AVERAGE	79.2	73.6	54.7	55.5	1	37	30	6.3
C.V.	8.3		12.2					
LSD (0.05)	9.1	9.1						

Location: Christian Co.; Scab rating: 5-29-09 (1=excellent, 9=poor); Caramba applied: 5-5-09.
 Planting date: 10-29-08, conventional tillage; Harvest date: 6-19-09; Preceding crop: Corn.

Table 12. 2009 Kentucky Wheat Test—North Central Region.

Variety	Yield (Bu/A)		Test Wt. (Lb/bu)		Lodging (%)	Height (In)	Heading Date > April 1 2009	Head Scab Rating 2009
	2009	2008-09	2009	2008-09				
Pioneer variety XW07X	86.2		56.2		1	35	39	3.3
SC 1328B	83.1		55.2		0	35	36	5.3
Steyer Jordan	83.0		55.3		3	34	36	4.5
Dyna-Gro 9922	81.9		55.1		0	35	36	4.8
Beck 122	81.7	83.6	53.9	56.1	0	38	35	6.0
Dyna-Gro V9710	81.6	84.8	53.8	57.1	0	31	34	6.3
Bess	81.5	82.8	56.1	58.0	6	37	38	3.8
AgriPro W1104	80.4		52.3		0	33	40	5.3
Pioneer variety 25R63	79.9	84.8	52.7	56.4	1	33	38	5.0
Dixie 907	79.9	86.7	53.7	56.5	4	39	38	5.0
PROGENY 117	79.8	86.7	55.7	57.7	0	36	36	4.8
AgriPro Branson	79.3	82.4	52.2	55.7	0	34	34	6.5
SS MPV-57	79.3	88.5	53.1	56.5	0	36	39	5.3
AgriPro W1566	79.2		51.3		1	38	37	6.0
Dyna-Gro V9723	78.5		53.9		0	37	35	5.3
SC 1348	78.4	85.4	53.7	55.9	0	38	38	5.5
Dixie 940	78.0		53.8		0	37	35	6.0
USG 3350	77.9	83.4	53.6	55.9	0	38	36	5.8
Exsegen Lois	77.7		51.3		0	33	40	5.0
Truman	77.7	82.1	54.5	56.2	1	40	47	3.5
Exsegen Candace	77.4	80.0	53.0	56.1	0	38	35	6.3
EXCEL 234	77.3		57.0		18	35	39	4.0
KAS 5058	77.3		55.8		0	35	38	4.5
Exsegen Dinah	77.3	86.6	55.8	58.1	0	34	38	4.5
SC 1325	77.1	82.7	55.1	58.5	0	35	36	4.5
Dyna-Gro 9911	76.9		54.9		0	34	36	4.5
EXCEL 341	76.4		53.7		0	37	38	4.8
ARMOR ARX 840	76.3		50.0		0	35	36	7.0
Delta King 9108	76.1	83.0	54.2	56.5	1	37	36	5.8
SS 8302	75.9	83.5	54.4	56.8	0	34	39	4.3
Steyer Geary	75.7		50.1		0	34	36	6.5
Delta Grow 1600	75.5	82.6	53.9	57.1	0	37	38	5.0
Dyna-Gro V9812	75.4	83.6	51.7	54.2	0	33	38	6.3
PROGENY 119	75.4		54.8		0	35	38	5.0
EXCEL 163	75.3		56.1		10	34	33	7.0
Pioneer variety 25R78	75.3		52.9		3	32	35	6.8
AgriPro W1377	75.3	76.9	55.0	57.2	0	36	40	6.0
Delta Grow 4500	74.8	82.2	53.2	56.6	0	39	36	6.3
Beck 113	74.3		52.9		0	32	37	5.0
PROGENY 130	74.0		56.2		23	36	35	5.5
Pioneer variety 26R22	74.0	81.8	51.8	55.5	1	34	36	6.0
KY 00C-2697-04	73.9		55.1		0	35	37	5.8
SC 1298	73.7	79.9	53.7	56.1	0	38	36	5.8
Dyna-Gro Shirley	73.7	78.9	52.0	54.0	0	31	39	6.0
ARMOR 360Z	73.7		51.6		0	34	37	6.0
PROGENY 136	73.4		50.2		0	34	36	6.3
AgriPro COKER 9511	73.3	77.0	55.9	58.5	3	37	36	3.5
VA 04W-90	73.1		54.1		0	33	38	5.8
Cumberland	72.7	79.9	52.2	56.1	0	33	36	5.8
ARMOR RENEGADE	72.4		54.2		0	34	36	4.8
KAS 5003	72.4		51.5		0	30	36	6.0
Exsegen Lydia	72.0	78.1	51.4	56.7	1	32	38	5.5
Exsegen Anna	72.0		51.1		1	30	36	6.8
SC 1339	71.7	82.1	49.7	53.4	0	34	36	7.5
Pembroke	71.6	79.8	54.6	56.9	0	34	38	5.0
Delta Grow 5200	71.1	80.2	53.2	55.6	0	37	38	5.3
Clark	71.1	77.5	53.7	56.8	0	37	36	6.3
Pioneer variety 26R15	70.3	79.9	52.0	56.3	0	33	38	5.3
Steyer Nofziger	70.3		51.2		0	34	39	6.3
KAS 7700	70.2		51.0		0	32	38	6.0
AgriPro COKER Oakes	70.1		55.1		0	33	39	5.5
Jamestown	70.0		55.8		0	31	36	5.8
SC 1318	69.8	78.4	51.6	53.5	0	34	38	6.5
SS 8309	69.7	75.9	54.4	55.4	0	34	39	4.3
SS 520	69.5	73.2	52.0	54.8	3	35	36	8.0
KY 97C-0519-04-07	69.3	81.6	49.3	51.7	0	32	40	6.0
Pioneer variety XW07B	69.3		51.2		0	33	39	6.8
KY 97C-0574-01-04	69.0	76.9	52.3	54.3	0	35	39	5.3
SS 548	68.8	80.1	53.1	56.7	0	34	38	7.0
PROGENY 185	68.8	81.3	53.8	55.9	0	32	37	5.3
PROGENY 166	68.3	80.0	53.5	55.5	0	37	37	6.0
Merl	68.2		53.4		0	31	37	7.3
Delta King 9577	67.6	80.0	52.0	54.4	0	35	36	7.0
KY 97C-0508-01-01A-1	66.6	74.8	52.9	56.8	0	31	37	4.8
KY 00C-2567-01	66.4		52.1		0	35	38	6.3
Dixie 989	66.3	79.3	51.9	55.5	1	34	38	6.0
Red Ruby	65.8	78.6	50.2	55.3	0	34	38	6.0
Milton	65.4	74.7	52.7	54.8	0	34	40	5.5
ARMOR GOLD	65.1		53.9		1	34	36	5.8
ARMOR ARX 6202	64.7		53.5		0	35	40	6.8
KY 00C-2175-10	64.3		51.3		0	34	38	5.8
SS 5205	63.7		53.6		0	28	38	6.0
KY 97C-0321-02-01	62.7	77.1	49.6	53.3	0	33	41	7.0
SS 8404	61.9	76.2	53.7	58.2	0	31	39	6.0
KY 97C-0540-01-03	61.1	75.0	53.5	54.0	0	33	39	5.0
KY 00C-2059-24	56.8		51.5		0	35	40	5.3
KY 00C-2109-01	56.6		49.9		0	31	38	6.3
SS 8641	45.7	64.0	48.1	54.3	0	34	40	8.3
AVERAGE	72.7	80.3	53.1	55.9	1	34	37	5.7
C.V.	6.2	7.3						
LSD (0.05)	6.3	5.6						

Location: LaRue Co.; Scab rating: 6-3-09 (1=excellent, 9=poor); Prosoaro applied: 5-11-09
 Planting date: 10-19-08, no-till; Harvest date: 6-24-09; Preceding crop: Corn.

Table 13. 2009 Kentucky Barley Test.

Variety	Yield (Bu/A)*		Test Wt. (Lb/bu) 2009	Lodging (%) 2009	Height (In) 2009	Heading Date > April 1 2009
	2009	2001-09				
Thoroughbred	89.0	103.3	41.1	0	38	28
Price	80.0	100.2	39.1	35	37	26
VA06B-22	78.8		39.9	5	36	24
VA05B-58	78.5		38.9	20	36	25
VA06B-44	78.2		37.5	3	36	24
VA07B-15	75.0		39.7	18	36	24
VA04B-125	72.2		38.9	33	35	25
VA06B-32	71.6		40	29	35	25
Nomini	70.3		39.5	28	42	24
VA06B-19	69.7		40.1	15	36	24
Callao	65.3		38	30	34	23
Barsoy	59.5		51.7	10	35	24
Wysor	58.0		37.5	23	43	27
AVERAGE	72.8	101.7	40.1	19	37	25

Locations: Caldwell and Logan Counties; **Previous crop:** Corn; **Planting date:** 10-10-08 and 10-14-08

Harvest date: 6-13-09 and 6-8-09, no-till and conventional tillage, respectively.

* 48-lb standard bushel weight.

Table 14. 2009 Kentucky Hulless Barley Test.

Variety	Yield (Bu/A)*	Test Weight (Lb/bu)	Lodging (%)	Height (In)	Heading Date > April 1
Doyce	59.2	52.0	0	33	23
VA06H-82	54.6	53.7	3	37	25
Eve	52.5	53.4	0	37	23
VA06H-47	51.1	54.0	0	40	25
VA06H-48	50.9	54.2	0	40	24
VA05H-158	50.8	52.1	0	38	28
VA07H-1	50.5	52.6	0	40	25
VA07H-105	49.6	52.6	0	38	30
VA07H-35WS	49.1	50.7	18	39	29
VA07H-21WS(Dec)	48.1	51.7	8	40	28
VA05H-147T/W	47.8	52.7	0	40	26
VA06H-25W/T	47.7	48.6	0	39	28
VA07H-94	47.6	51.7	1	34	24
VA06H-2W/T	47.2	50.8	13	39	29
VA06H-79	46.9	51.2	3	38	29
VA07H-10WS(Dec)	46.8	53.2	0	40	28
VA07H-3	46.5	52.6	0	41	25
VA06H-142	45.5	50.7	33	37	28
VA06H-31T/W	45.4	50.8	18	39	29
VA07H-74	44.9	50.2	10	34	25
VA06H-31WS	44.4	50.9	35	39	28
VA07H-73	44.1	51.3	1	35	27
Dan	42.9	52.7	0	39	26
VA06H-125WS	42.9	47.6	30	35	28
VA06H-182	42.7	48.4	23	35	29
VA05H-59	42.7	51.6	6	39	27
VA07H-97	40.9	48.9	0	33	25
VA07H-111	40.7	50.9	20	36	25
VA06H-3WS	39.7	52.2	40	39	28
AVERAGE	47.5	51.5	9	37	26

Locations: Caldwell and Logan Counties; **Preceding crop:** Corn; **Planting date:** 10-10-08 and 10-14-08

Harvest date: 6-13-09 and 6-8-09, no-till and conventional tillage, respectively.

* 60-lb standard bushel weight.

