

2014 Kentucky Small-Grain VARIETY PERFORMANCE TEST

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www.uky.edu/ag/WheatVarietyTest

The 2014 soft-red winter-wheat growing season ended with Kentucky farmers harvesting 530,000 acres of the 630,000 acres planted, for a total production of 37.1 million bushels of grain. An average yield of 70 bushels per acre was recorded (Table 1). The acreage not harvested for grain was primarily used for forage production and cover cropping.

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, oat, barley, triticale and cereal rye that are commercially available or may soon be available to Kentucky farmers. New varieties continually are 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 were conducted at seven locations throughout the state (Table 2). In addition, a wheat test for varietal differences in forage potential and straw yields were conducted at one location.

Experimental Methods

One hundred twelve 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 12 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. The preceding crop for all tests was corn.

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 1. Wheat Acreage Harvested and Yields (bu/ac) in Kentucky, 2012-14.*

2014		2013		2012	
Harvested	Yield	Harvested	Yield	Harvested	Yield
530,000	70	610,000	75	470,000	62

*July 1, 2014, National Agricultural Statistics Service.

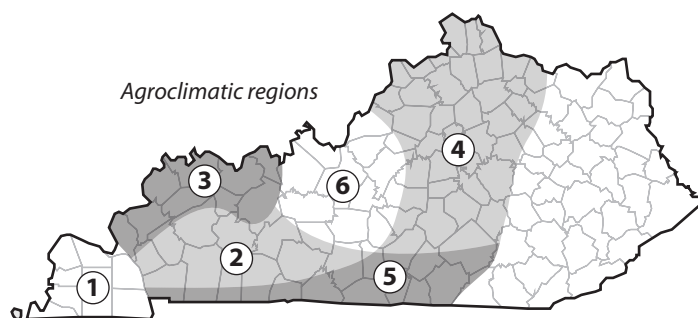


Table 2. Agroclimatic Regions of Kentucky Small-Grain Variety Tests.

Region	Location	Cooperator	Crop Tested
1 Purchase	Ballard Co.	Tom Miller	No-till wheat
2 Western Coal Field	Caldwell Co.	Princeton Research and Education Ctr.	No-till wheat, triticale, barley
3 Ohio Valley	Henderson Co.	David Alexander	No-till wheat
4 Bluegrass	Fayette Co.	Kentucky Ag. Exp. Station	Wheat*, oat, forage tests
5 Southern Tier	Logan Co.	Don Halcomb	Wheat*
	Trigg Co.	Ben Cundiiff and Barry Alexander	Wheat*
6 North Central	Nelson Co.	Homestead Farms & George McCain	No-till wheat

* Conventional tillage.

The forage test was planted using conventional tillage and was harvested using a small plot forage combine at the soft-dough stage. Straw yield was measured using a small plot forage combine following grain harvest in 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/ac) based on 60-pound, 48-pound, and 32-pound standard bushel weights for wheat, barley, and oats, respectively at 13.5 percent moisture content. Test weights (lb/bu) were determined using a HarvestMaster Classic GrainGage and adjusted to 13.5 percent moisture. Lodging was reported as the percentage of plant lodging at maturity; winter survival was reported as the percentage of survival after spring green-up. Winter survival was 100 percent for all locations except Princeton, KY. 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 [*Septoria tritici* and *Stagonospora nodorum*], powdery mildew, and fusarium head scab ratings) were recorded at the Logan County (non-fungicide) test. 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 outyields 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 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 also should 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 (hulless and hulled) variety performance data are presented in tables 14 and 15. Oat forage, grain, and straw yield data are presented in Table 18.

Test Conditions

Cool temperatures and wet conditions during October delayed planting throughout much of the state. The 2014 Kentucky small-grain variety tests were planted from October 11 to October 23. Cold temperatures from November through April delayed green-up and growth. Normal rainfall in April and May minimized disease pressure throughout the state. Visual head scab symptoms were minor, but reports of high vomitoxin (DON) levels were reported in growers grain at harvest, which was likely the result of atypical late head scab infection. Normal conditions in May and June accelerated maturity and dry-down, but harvest maturity was delayed by approximately one week due to the prolonged winter temperatures.

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Wheat Varieties Tested in 2014

AgriMAXX Wheat Co.

7167 Highbanks Rd.
Mascoutak, IL 62258

AgriMAXX 412
AgriMAXX 413
AgriMAXX 415
AgriMAXX 438
AgriMAXX 444
AgriMAXX 447
AgriMAXX EXP 1335
AgriMAXX EXP 1465

Ag Alumni Seed Improvement Association

702 State Road 28
East Romany, IN 447981
AgExp02444
AgExp0762

Armor Seeds

PO Box 9
Waldenburg, AR 72475

ARMOR ARX 1313
ARMOR ARX 1325
ARMOR ARX 1327
ARMOR ARX 1329
ARMOR ARX 1332
ARMOR HAVOC
ARMOR OCTANE
ARMOR RAMPAGE
ARMOR VANDAL

Beck's Hybrids

6767 E. 276th
Atlanta, IN 46031

BECK 113
BECK 120
BECK 125
BECK 129

Cash River Valley Seed

PO Box 10
Cash, AR 72421

Dixie DEXE 13-3
Dixie Glory
Dixie Extreme
Dixie McAlister

Delta Grow Seed

PO Box 219
220 NW 2nd
England, AR 72046

Delta Grow 3200
Delta Grow 7100
Delta Grow 7200
Delta Grow 7500
Delta Grow 9700

Dupont Pioneer

59 Greif Parkway, Ste.
200
Delaware, OH 43015

Pioneer variety 25R32
Pioneer variety 25R40
Pioneer variety 25R46
Pioneer variety 25R78
Pioneer variety 26R10
Pioneer variety 26R20
Pioneer variety 26R41
Pioneer variety 26R53
Pioneer variety XW12J
Pioneer variety XW12K

Dyna-Gro Seed

6221 Riverside Dr., Ste. 1
Dublin, OH 43017

Dyna-Gro 9042
Dyna-Gro 9171
Dyna-Gro 9223
Dyna-Gro 9343
Dyna-Gro WX 13631
Dyna-Gro WX 13622

Equity Seed

PO Box 978
Westfield, IN 46074

Equity Brand EXP 13W34
Equity Brand Guardian
Equity Brand Sienna

Kentucky American Seeds, Inc.

205 Means Ave.
Hopkinsville, KY 42240

KAS ELLERY
KAS 5058
KAS S1200
KAS S2000

Kentucky Foundation Seed Project

University of Kentucky
PO Box 11950
Lexington, KY 40579

KY03C-1002-02
KY03C-1237-05
KY03C-1195-10-8-5
KY03C-1237-10
KY03C-1237-12
KY03C-1237-39
KY04C-2004-1-1-1
KY05C-1600-92-9-5
KY06C-1003-139-16-5

Kentucky Small Grain Growers Association

PO Box 90
Eastwood, KY 40018

PEMBROKE 2008
PEMBROKE 2014

Limagrain Cereal Seeds

257 E. Hail
Bushnell, IL 61422

L-Brand 203
L-Brand 304
L-Brand 334
L-Brand 343
L-Brand 448

Progeny AG Products

1529 Hwy 193
Wynne, AR 72396

PROGENY P 117
PROGENY P 185
PROGENY P 357
PROGENY P 870
PROGENY PGX 13-1
PROGENY PGX 13-2
PROGENY PGX 13-4
PROGENY PGX 13-6

Seed Consultants, Inc.

648 Miami Trace Rd.
SW, Washington Court
House, OH 43160

SC 1321™
SC 1324™
SC 1342™
SC EXP DC0701™
SC EXP DC2030™

Southern States Coop.

6606 W. Broad St.
Richmond, VA 23230

SS 8340
SS 8360
SS 8412
SS 8415
SS 8700
SS 8870

Steyer Seeds

PO Box 209
Old Fort, OH 44861

STEYER HUNKER
STEYER PIERSON

Syngenta Seeds

4320 Upton Talley Rd.
Upton, KY 42784

SYNGENTA SY 547
SYNGENTA SY 007
SYNGENTA SY 474
SYNGENTA SY 483

Terral Seeds

111 Ellington Dr.
Rayville, LA 71269

Terral TV8525
Terral TV8535
Terral TV8848
Terral TV8861

UniSouth Genetics

3205-C Hwy. 46S
Dickson, TN 37055

USG 3013
USG 3251
USG 3404
USG 3438
USG 3612
USG 3833
USG 3993

University of Missouri

Columbia, MO 65211

Bess Truman
Virginia Tech
PO Box 338
Warsaw, VA 22572

VA 10W-123
VA 10W-21

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Table 3. 2014 Kentucky Wheat Test - Overall State Summary.*

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
Delta Grow 9700	103.0	99.7	58.1	58.0	1	38	9
ARMOR HAVOC	102.7	101.1	59.2	58.2	1	35	9
AgriMAXX EXP 1465	102.7		58.9		0	34	9
SC 1324™	102.6		57.8		1	35	8
SS 8360	102.6		58.7		0	34	9
BECK 120	102.3	99.8	57.7	56.9	0	34	7
Dixie Extreme	102.3		58.0		1	38	9
Terral TV8848	102.2	97.3	59.1	58.4	1	36	9
SC 1342™	102.0	100.2	58.1	58.2	1	38	9
SC EXP DC2030™	102.0		59.8		0	34	8
USG 3438	102.0	98.2	57.7	56.8	0	34	8
KAS S2000	101.9		59.3		2	34	8
Pioneer variety 25R46	101.8		61.1		1	34	9
ARMOR ARX1313	101.8		57.4		2	35	8
ARMOR ARX1325	101.6		58.7		0	34	9
Dyna-Gro 9223	101.6	98.4	58.0	58.0	1	38	9
STEYER HUNKER	101.6	98.8	58.0	58.0	0	37	9
ARMOR ARX1327	101.4		58.1		0	36	9
SS 8340	101.3	95.5	61.3	60.6	0	34	8
KAS S1200	100.9	100.4	57.4	57.0	0	34	8
SC 1321™	100.8	100.7	58.0	57.3	0	34	7
AgriMAXX 413	100.6	98.5	57.1	56.6	2	34	8
PROGENY PGX 13-6	100.6		58.3		0	36	9
USG 3013	100.4		57.9		0	37	9
Pioneer variety 26R10	100.4	100.4	58.2	58.4	1	34	9
ARMOR ARX1329	100.2		60.4		0	36	8
Dyna-Gro 9171	99.9	99.0	57.5	56.8	0	34	7
Pioneer variety XW12K	99.8		58.6		1	33	10
AgriMAXX 444	99.7		58.0		0	35	10
AgExp0762	99.5		59.1		1	34	8
Dixie DEX 13-3	99.4		59.2		0	36	9
PROGENY P 870	99.3	98.1	57.5	57.0	0	34	8
SYNGENTA SY 483	99.3	94.0	56.8	56.8	1	36	10
VA 10W-21	99.2		61.7		1	35	8
PROGENY P 357	99.2	96.3	56.2	55.9	1	35	10
Dyna-Gro WX13622	99.1		58.0		1	36	9
SC EXP DC0701™	98.7		59.8		0	36	9
Delta Grow 7200	98.7	94.3	58.3	58.2	0	35	9
Pioneer variety 25R78	98.7	95.4	59.7	58.5	0	34	8
BECK 113	98.6	99.2	61.2	60.6	1	34	8
AgExp02444	98.5		57.3		2	34	8
Pioneer variety XW12J	98.4		58.5		3	37	8
AgriMAXX 438	98.4		58.0		2	37	9
SYNGENTA SY 547	98.3		59.7		0	36	8
Terral TV8535	98.2	95.5	57.5	56.8	0	33	8
USG 3404	98.1		58.2		0	35	9
ARMOR OCTANE	98.0	98.3	57.8	58.4	0	37	10
PROGENY PGX 13-2	97.8		59.5		0	31	8
Pioneer variety 26R41	97.8	95.2	59.5	58.8	0	34	8
BECK 125	97.7		59.5		0	36	9
Pioneer variety 25R40	97.7	96.4	58.0	58.4	0	33	9
L-Brand 448	97.6		58.9		0	36	10
Delta Grow 3200	97.3		59.6		0	32	8
Dixie McAlister	97.3		57.0		0	34	8
BECK 129	96.7	96.8	57.7	57.9	5	37	9
AgriMAXX 415	96.7	95.7	60.7	60.4	1	34	8
KAS 5058	96.6	94.5	61.8	60.9	3	37	8
Dyna-Gro WX 13631	96.1		60.4		1	36	8
AgriMAXX EXP 1335	95.8	94.8	57.7	57.9	3	35	8
Delta Grow 7100	95.8		58.5		0	34	9

Table 3. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
L-Brand 304	95.7		62.8		0	39	8
Pioneer variety 26R53	95.7	95.3	59.9	59.6	0	33	9
Delta Grow 7500	95.3	91.8	57.0	57.4	0	34	8
PROGENY PGX 13-1	95.1		57.9		0	37	11
USG 3612	94.7	91.7	57.8	57.1	1	36	8
ARMOR ARX1332	94.6		59.4		0	31	8
USG 3833	94.6		58.0		0	37	10
Dyna-Gro 9042	94.4	96.9	58.2	58.0	0	34	9
ARMOR RAMPAGE	94.2	92.9	57.9	57.3	3	36	8
Equity Brand Sienna	93.9	93.3	57.8	57.9	1	39	8
SS 8870	93.8		59.1		0	38	9
PEMBROKE 2014	93.5	91.4	62.0	60.7	0	33	8
SYNGENTA SY 007	93.5	93.0	59.7	58.8	0	36	8
USG 3993	93.4	93.6	59.6	59.6	2	38	9
Dyna-Gro 9343	93.3	93.7	59.1	59.2	0	38	9
AgriMAXX 412	93.2	91.1	61.5	60.3	2	36	7
Bess	92.9	89.6	60.5	59.7	7	39	8
Terral TV8861	92.8	88.8	57.7	57.7	0	34	9
SS 8700	92.8	92.2	57.0	56.7	1	36	10
AgriMAXX 447	92.8	96.7	57.4	58.4	2	36	10
KY03C-1237-10	92.5	93.8	60.8	59.5	0	35	8
KY04C-2004-1-1-1	92.4		61.2		1	39	9
STEYER PIERSON	92.2	94.2	59.4	59.7	0	37	9
KY03C-1237-39	92.1	92.1	60.9	59.4	0	36	8
Pioneer variety 25R32	91.9	91.5	60.1	59.8	3	36	9
SYNGENTA SY 474	91.9		58.9		0	38	9
KY06C-1003-139-16-5	91.8		59.7		0	36	9
KY03C-1002-02	91.7	95.9	60.6	59.5	1	34	8
USG 3251	91.7	92.2	58.7	58.3	0	37	9
VA 10W-123	91.7		59.5		4	36	7
L-Brand 334	91.3		60.4		9	38	9
PROGENY P 117	91.2	85.6	60.2	58.3	5	39	7
Dixie GLORY	91.2		57.3		0	36	11
Equity Brand Guardian	90.9		58.9		2	38	9
KY03C-1237-12	90.8	92.8	60.2	59.3	1	34	9
PEMBROKE 2008	90.8	91.2	59.9	59.4	0	35	8
Terral TV8525	90.8	88.6	59.7	59.1	0	34	9
PROGENY P 185	90.2	90.6	59.3	58.6	0	39	8
ARMOR VANDAL	89.9	88.4	57.3	56.4	0	34	9
KY03C-1237-05	89.8	94.0	60.4	60.0	0	35	11
Equity Brand EXP 13W34	89.6		57.0		0	36	11
L-Brand 203	89.3		60.9		2	36	7
Truman	89.2	87.5	58.5	59.1	1	39	14
KAS ELLERY	88.6	90.2	59.1	59.1	0	37	10
PROGENY PGX 13-4	88.4		57.6		0	35	11
Pioneer variety 26R20	88.1	87.1	57.0	56.5	1	36	9
KY05C-1600-92-9-5	87.0		59.5		1	36	10
KY03C-1195-10-8-5	86.7		60.7		0	36	10
SS 8415	85.8		56.9		0	35	8
SS 8412	84.5	86.2	59.0	58.6	0	34	9
Clark	82.7	78.8	60.3	58.7	4	40	7
L-Brand 343	78.4		56.2		0	34	8
AVERAGE	95.8	94.2	58.9	58.4	1	36	9
C.V.	7.5	7.4					
LSD (0.10)	4.8	8.1					

* Summary of six tests - (Caldwell, Logan, Henderson, Trigg, Ballard, Fayette counties).

Table 4. 2014 Kentucky Wheat Forage Test.

VARIETY	DM Yield* at Soft Dough Stage (tons/ac)			Head Type
	2014	2013-14	2012-14	
BECK 129	5.90	5.44		Smooth
AgriMAXX 447	5.57	5.34		Smooth
SYNGENTA SY 483	5.56	5.27	4.63	Smooth
USG 3993	5.52	5.13		Smooth
BECK 125	5.50			Bearded
AgriMAXX 438	5.47			Smooth
Delta Grow 7500	5.43	4.94	4.32	Bearded
Dyna-Gro WX13622	5.41			Bearded
STEYER HUNKER	5.38	5.22	4.71	Smooth
Dixie DEX 13-3	5.34			Smooth
AgriMAXX 444	5.27			Bearded
PROGENY PGX 13-6	5.26			Bearded
Delta Grow 9700	5.24	5.00		Smooth
SC 1342™	5.23	5.21	4.78	Smooth
BECK 113	5.19	5.13	4.53	Smooth
SS 8360	5.19			Bearded
SYNGENTA SY 547	5.12			Smooth
Dixie Extreme	5.09			Smooth
SC 1324™	5.09			Bearded
AgExp02444	5.08			Smooth
Delta Grow 7100	5.08			Bearded
Dyna-Gro 9343	5.04	5.09		Smooth
Dyna-Gro 9223	4.98	5.01	4.63	Smooth
SS 8870	4.98			Smooth
Equity Brand Guardian	4.96			Smooth
STEYER PIERSON	4.94	5.04		Smooth
USG 3833	4.91			Smooth
USG 3013	4.89			Smooth
PROGENY PGX 13-4	4.88			Bearded
AgriMAXX 413	4.87	4.83	4.31	Bearded
Pioneer variety 26R10	4.87	4.87	4.36	Bearded
Pioneer variety 26R41	4.87	4.87		Bearded
KAS ELLERY	4.86	4.79		Smooth
Delta Grow 3200	4.84			Bearded
SS 8412	4.81	4.95	4.51	Smooth
ARMOR ARX1327	4.80			Bearded
Dyna-Gro 9042	4.80	4.47	4.15	Smooth
Pioneer variety 25R46	4.80			Bearded
PROGENY P 357	4.78	4.94	4.58	Bearded
KY03C-1237-05	4.77	4.91	4.37	Bearded
SS 8340	4.76	4.89	4.32	Bearded
AgExp0762	4.75			Smooth
L-Brand 448	4.75			Smooth
ARMOR ARX1313	4.74			Bearded
ARMOR HAVOC	4.71	4.84	4.34	Bearded
BECK 120	4.71	4.65	4.10	Bearded
AgriMAXX EXP 1465	4.68			Bearded
ARMOR ARX1325	4.66			Bearded
Dyna-Gro 9171	4.64	4.35	3.93	Bearded
SS 8700	4.64	4.99	4.45	Bearded
KY06C-1003-139-16-5	4.62			Smooth
Dixie McAlister	4.61			Bearded
Bess	4.60	4.53	3.96	Smooth
PEMBROKE 2008	4.60	4.74	4.14	Bearded
Equity Brand EXP 13W34	4.58			Smooth
SYNGENTA SY 474	4.57			Smooth
ARMOR VANDAL	4.56	4.68		Bearded
Delta Grow 7200	4.54	4.70		Bearded
SC EXP DC2030™	4.54			Bearded

VARIETY	DM Yield* at Soft Dough Stage (tons/ac)			Head Type
	2014	2013-14	2012-14	
Pioneer variety 26R53	4.49	4.49		Bearded
Terral TV8535	4.46	4.36	3.99	Bearded
ARMOR OCTANE	4.45	4.65		Smooth
L-Brand 304	4.44			Smooth
Terral TV8848	4.41	4.56	4.31	Bearded
USG 3251	4.41	4.39	4.09	Bearded
USG 3438	4.37	4.45	3.94	Bearded
Dyna-Gro WX 13631	4.35			Bearded
VA 10W-123	4.33			Smooth
KY04C-2004-1-1-1	4.28			Bearded
SC 1321™	4.27	4.42	4.01	Bearded
KY03C-1237-10	4.26	4.69	4.23	Bearded
Pioneer variety 26R20	4.26	4.69	4.27	Bearded
SC EXP DC0701™	4.26			Bearded
Terral TV8861	4.26	4.39	4.02	Bearded
USG 3404	4.25			Bearded
AgriMAXX 415	4.23	4.58	4.22	Bearded
PROGENY P 870	4.22	4.29	3.96	Bearded
KAS 5058	4.21	4.61	4.11	Smooth
ARMOR RAMPAGE	4.17	4.39	4.10	Smooth
Truman	4.17	4.32	3.94	Smooth
KY05C-1600-92-9-5	4.16			Bearded
PEMBROKE 2014	4.16	4.76	4.23	Bearded
Pioneer variety 25R40	4.16	4.42		Bearded
Clark	4.15	4.34	3.81	Smooth
KAS S1200	4.13	4.18	3.74	Bearded
Dixie GLORY	4.11			Smooth
PROGENY PGX 13-2	4.11			Bearded
KY03C-1237-12	4.10	4.73	4.19	Bearded
SYNGENTA SY 007	4.08	4.16		Bearded
VA 10W-21	4.08			Smooth
Terral TV8525	4.06	4.30	3.79	Bearded
USG 3612	4.06	4.35	4.14	Smooth
Pioneer variety XW12J	4.04			Bearded
Equity Brand Sienna	4.03	4.28	3.88	Smooth
PROGENY PGX 13-1	4.03			Smooth
KY03C-1195-10-8-5	4.02			Bearded
PROGENY P 117	4.02	4.44	4.00	Smooth
PROGENY P 185	4.01	4.15	3.79	Smooth
AgriMAXX EXP 1335	4.00	4.32		Bearded
L-Brand 334	4.00			Smooth
Pioneer variety XW12K	3.99			Smooth
L-Brand 343	3.97			Bearded
KY03C-1237-39	3.96	4.58	4.11	Bearded
SS 8415	3.95			Smooth
AgriMAXX 412	3.93	4.42	4.03	Smooth
ARMOR ARX1332	3.93			Bearded
KAS S2000	3.93			Bearded
KY03C-1002-02	3.90	4.63	4.12	Bearded
ARMOR ARX1329	3.86			Bearded
L-Brand 203	3.74			Smooth
Pioneer variety 25R78	3.67	4.16	3.70	Bearded
Pioneer variety 25R32	3.52	4.13	3.87	Bearded
AVERAGE	4.56	4.66	4.17	
C.V.	13.88	11.76	11.13	
LSD (0.10)	1.05	0.64	0.46	

Location: Bluegrass Region (Fayette County), conventional tillage

Planting date: 10-22-13

Harvest date: 6-5-14

*DM Yield = Dry matter yield

Table 5. 2014 Kentucky Wheat Straw Test.

VARIETY	DM Yield* (tons/ac)		
	2014	2013-14	2012-14
KAS ELLERY	1.73	1.73	
SYNGENTA SY 483	1.71	1.69	1.46
Delta Grow 9700	1.68	1.58	
KY04C-2004-1-1-1	1.62		
USG 3013	1.61		
USG 3993	1.58	1.64	
Dixie Extreme	1.57		
Equity Brand Guardian	1.53		
USG 3833	1.52		
STEYER HUNKER	1.51	1.54	1.35
ARMOR HAVOC	1.50	1.44	1.27
ARMOR RAMPAGE	1.45	1.63	1.37
SC EXP DC0701™	1.45		
KAS 5058	1.44	1.42	1.27
PROGENY PGX 13-1	1.44		
PROGENY PGX 13-6	1.44		
AgriMAXX 438	1.42		
SS 8870	1.42		
Dyna-Gro WX13622	1.41		
ARMOR ARX1327	1.40		
Dyna-Gro 9223	1.40	1.52	1.35
KY05C-1600-92-9-5	1.38		
Clark	1.37	1.35	1.14
SC 1342™	1.37	1.53	1.33
BECK 129	1.36	1.52	
L-Brand 334	1.36		
Equity Brand EXP 13W34	1.35		
PROGENY P 357	1.34	1.42	1.25
SYNGENTA SY 474	1.33		
VA 10W-21	1.33		
KY03C-1237-05	1.32	1.42	1.19
STEYER PIERSON	1.31	1.53	
AgriMAXX EXP 1465	1.30		
BECK 113	1.30	1.44	1.23
PROGENY P 117	1.30	1.39	1.16
Dixie GLORY	1.29		
USG 3404	1.29		
ARMOR ARX1313	1.28		
SS 8412	1.27	1.30	1.17
Truman	1.27	1.28	1.17
ARMOR ARX1325	1.26		
ARMOR OCTANE	1.26	1.40	
SS 8340	1.26	1.31	1.16
AgExp02444	1.25		
PROGENY P 185	1.25	1.30	1.13
SS 8700	1.25	1.43	1.29
Bess	1.24	1.19	1.04
SS 8360	1.24		
Terral TV8848	1.23	1.31	1.21
L-Brand 448	1.20		
BECK 125	1.19		
KY06C-1003-139-16-5	1.19		
Delta Grow 7100	1.18		
Dixie McAlister	1.18		
BECK 120	1.17	1.06	1.03
PROGENY P 870	1.17	1.26	1.09
KY03C-1195-10-8-5	1.16		
SYNGENTA SY 547	1.16		
L-Brand 304	1.15		
Dixie DXEX 13-3	1.13		

VARIETY	DM Yield* (tons/ac)		
	2014	2013-14	2012-14
Dyna-Gro 9171	1.13	1.19	1.10
Dyna-Gro 9343	1.13	1.37	
L-Brand 203	1.13		
USG 3251	1.13	1.30	1.11
Equity Brand Sienna	1.12	1.54	1.30
SYNGENTA SY 007	1.12	1.30	
Terral TV8535	1.12	1.15	1.03
Delta Grow 3200	1.11		
L-Brand 343	1.11		
USG 3438	1.11	1.10	1.04
SC 1324™	1.10		
Pioneer variety XW12K	1.09		
AgriMAXX 444	1.08		
Delta Grow 7200	1.08	1.22	
PEMBROKE 2014	1.08	1.33	1.22
KAS S1200	1.07	1.17	1.05
ARMOR VANDAL	1.06	1.31	
PROGENY PGX 13-4	1.06		
KY03C-1237-12	1.05	1.14	1.07
Pioneer variety 26R53	1.05	1.21	
Terral TV8861	1.05	1.26	1.19
VA 10W-123	1.05		
AgriMAXX 447	1.04	1.35	
Dyna-Gro 9042	1.04	1.24	1.11
KY03C-1002-02	1.04	1.21	1.09
KY03C-1237-39	1.04	1.10	0.99
Pioneer variety 26R10	1.04	1.18	1.05
SC 1321™	1.04	1.02	0.99
PEMBROKE 2008	1.02	1.30	1.14
AgriMAXX EXP 1335	1.01	1.22	
KAS S2000	1.01		
SC EXP DC2030™	0.99		
Pioneer variety 25R78	0.98	1.33	1.11
AgriMAXX 415	0.97	1.24	1.19
Pioneer variety XW12J	0.97		
Pioneer variety 26R41	0.96	1.12	
Pioneer variety 26R20	0.95	1.32	1.13
Delta Grow 7500	0.94	1.16	1.08
KY03C-1237-10	0.93	1.15	1.06
AgExp0762	0.91		
PROGENY PGX 13-2	0.91		
Pioneer variety 25R40	0.91	1.09	
AgriMAXX 413	0.90	1.11	1.06
Dyna-Gro WX 13631	0.90		
Pioneer variety 25R46	0.90		
SS 8415	0.88		
Terral TV8525	0.87	1.08	1.05
AgriMAXX 412	0.86	1.09	0.99
ARMOR ARX1329	0.84		
USG 3612	0.84	1.15	1.03
ARMOR ARX1332	0.79		
Pioneer variety 25R32	0.55	1.10	0.98
AVERAGE	1.19	1.31	1.15
C.V.	17.07	18.19	17.86
LSD (0.10)	0.34	0.27	0.20

Location: Bluegrass Region (Fayette County), conventional tillage

Planting date: 10-22-13

Harvest date: 6-27-14

* Dry matter straw yield following grain harvest.

Table 6. 2014 Kentucky Wheat Test - Purchase Region.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
SC EXP DC2030™	107.2		60.0		0	36	7
Pioneer variety XW12K	104.1		60.0		0	35	9
VA 10W-21	103.1		62.3		0	37	7
KAS S2000	102.9		60.0		0	36	7
Dyna-Gro WX 13631	102.5		62.1		0	39	6
Pioneer variety XW12J	100.8		59.9		9	39	7
ARMOR ARX1313	100.6		57.8		5	37	7
Dyna-Gro 9223	100.6	94.4	58.6	58.8	4	40	9
Delta Grow 3200	99.9		60.0		0	34	7
SC 1342™	99.8	98.7	58.2	58.8	0	40	8
USG 3013	99.4		58.6		0	39	8
SS 8360	99.4		59.1		0	36	8
Terral TV8848	99.2	97.9	58.9	59.5	0	38	8
ARMOR ARX1329	99.0		61.2		0	38	7
AgExp0762	99.0		60.5		0	35	7
Dixie Extreme	98.7		58.7		0	38	9
ARMOR ARX1325	98.5		59.6		0	35	8
PROGENY PGX 13-2	98.4		59.2		0	32	7
Dyna-Gro 9171	98.1	98.7	58.0	58.2	0	36	6
AgriMAXX EXP 1465	98.0		59.4		0	36	8
AgriMAXX 438	98.0		58.7		0	39	9
BECK 120	97.9	103.3	58.1	58.6	0	35	6
SS 8340	97.8	86.7	61.2	61.1	0	36	7
Pioneer variety 25R46	97.6		62.3		0	36	8
ARMOR HAVOC	97.2	103.0	59.3	59.6	0	37	8
SYNGENTA SY 007	97.1	93.3	59.7	59.7	0	39	6
SC 1324™	96.7		57.9		1	37	8
USG 3438	96.7	97.9	58.5	58.5	0	36	6
AgExp02444	96.4		58.5		0	36	7
L-Brand 203	96.4		62.3		0	37	6
STEYER HUNKER	96.4	96.4	58.5	58.8	3	39	8
SYNGENTA SY 547	95.7		60.1		0	38	7
AgriMAXX 444	95.7		58.6		0	37	9
KY03C-1237-12	95.6	97.5	61.9	60.9	0	35	8
USG 3612	95.4	88.6	59.3	58.0	6	38	7
ARMOR ARX1327	95.3		58.8		0	38	9
BECK 129	95.3	95.0	58.8	59.0	0	38	9
Truman	95.2	85.0	59.4	60.0	0	40	13
Dixie McAlister	95.1		57.1		0	36	7
Delta Grow 9700	95.1	95.9	57.8	58.6	4	39	8
L-Brand 304	95.0		64.3		0	42	7
Pioneer variety 26R10	94.9	102.6	58.3	59.5	0	36	8
PROGENY PGX 13-6	94.8		58.2		0	38	9
AgriMAXX 413	94.7	96.8	57.4	58.0	0	36	6
SC 1321™	94.7	99.1	58.5	58.9	0	36	6
AgriMAXX 415	94.3	91.5	60.7	60.8	0	36	7
PROGENY P 870	94.3	98.0	57.7	58.4	0	36	6
KAS S1200	94.0	98.2	57.3	58.2	0	36	7
KY03C-1002-02	94.0	101.6	61.6	60.4	0	36	7
ARMOR ARX1332	93.6		59.2		0	33	8
USG 3251	93.6	96.8	59.6	60.0	0	39	9
AgriMAXX 412	93.4	88.1	62.9	61.2	6	39	6
Dyna-Gro 9343	93.0	93.1	60.2	59.8	0	40	9
BECK 113	92.8	94.6	62.5	61.8	0	35	7
Delta Grow 7200	92.7	88.6	58.9	59.1	0	35	8
Delta Grow 7100	92.6		58.8		0	35	9
VA 10W-123	92.5		60.8		6	39	6
PROGENY P 357	92.4	94.6	56.8	57.4	0	37	9
L-Brand 448	92.4		58.8		1	37	10
AgriMAXX EXP 1335	92.3	95.0	58.8	59.3	0	37	8

Table 6. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
Pioneer variety 25R32	92.2	87.5	61.2	61.5	1	36	9
Bess	92.1	82.2	62.2	60.5	3	40	7
Dixie DEX 13-3	92.1		59.3		0	37	9
Pioneer variety 25R78	92.0	91.7	60.4	59.8	0	36	6
USG 3404	92.0		58.3		0	38	9
BECK 125	92.0		60.0		0	37	8
Pioneer variety 26R41	92.0	96.8	60.1	61.0	0	36	7
Terral TV8861	92.0	89.6	56.8	58.7	0	36	8
ARMOR RAMPAGE	91.9	87.5	59.4	57.9	8	39	7
Delta Grow 7500	91.7	86.9	56.8	58.4	0	36	7
SC EXP DC0701™	91.6		59.9		0	37	8
Dyna-Gro 9042	91.6	99.1	59.0	59.1	0	36	9
PROGENY P 185	91.5	88.4	60.6	60.0	0	41	7
SYNGENTA SY 474	91.4		60.0		0	41	8
KAS 5058	91.3	92.9	63.4	62.1	5	40	7
Equity Brand Sienna	91.0	84.0	57.8	58.4	0	42	7
Terral TV8535	91.0	96.2	57.5	58.4	0	34	7
Pioneer variety 25R40	90.9	88.3	58.4	59.9	0	34	9
KY03C-1237-10	90.8	93.0	61.6	60.9	0	37	8
SS 8700	90.5	92.9	57.2	58.5	3	38	9
KY03C-1237-39	90.0	92.3	62.0	60.5	0	38	7
L-Brand 334	89.8		61.7		16	40	8
PROGENY PGX 13-1	89.7		58.0		0	38	10
USG 3993	89.4	89.4	59.5	59.2	0	40	9
PEMBROKE 2014	89.1	91.5	62.6	61.1	0	35	7
SYNGENTA SY 483	89.0	90.6	55.6	56.7	0	38	9
STEYER PIERSON	88.9	92.2	59.7	60.1	1	40	9
KY03C-1237-05	88.5	95.9	61.7	61.7	0	38	11
SS 8870	88.0		59.1		0	39	9
ARMOR OCTANE	87.8	88.1	57.3	58.7	0	38	9
Pioneer variety 26R53	87.5	97.8	59.9	60.6	0	35	8
PROGENY P 117	87.5	78.3	61.2	58.3	3	42	6
PROGENY PGX 13-4	87.4		59.5		0	36	11
KY04C-2004-1-1-1	87.2		61.5		0	40	9
Dixie GLORY	87.0		57.3		0	38	10
Equity Brand Guardian	87.0		59.8		0	40	9
Dyna-Gro WX13622	86.9		58.5		1	38	8
USG 3833	86.3		57.6		0	39	9
KY06C-1003-139-16-5	85.8		59.6		0	38	8
PEMBROKE 2008	85.4	86.0	59.8	59.5	0	37	7
Terral TV8525	85.1	85.8	59.7	59.5	0	36	8
ARMOR VANDAL	84.1	80.0	57.4	57.2	0	36	8
KY03C-1195-10-8-5	82.8		61.8		0	38	9
KY05C-1600-92-9-5	82.8		59.1		0	38	9
SS 8415	81.6		57.9		0	37	7
SS 8412	81.3	81.7	59.8	59.7	0	36	8
Pioneer variety 26R20	81.2	88.2	55.6	58.3	0	38	9
Equity Brand EXP 13W34	79.9		56.9		0	36	10
Clark	79.6	78.6	61.6	60.2	0	43	6
AgriMAXX 447	79.1	87.6	56.8	59.0	0	37	10
L-Brand 343	77.3		56.7		0	36	7
KAS ELLERY	76.8	81.9	58.2	59.3	0	38	9
AVERAGE	92.6	92.0	59.4	59.4	1	37	8
C.V.	6.1	7.7					
LSD (0.10)	9.4	8.3					

Location: Ballard County, no-till, winter survival = 100%

Planting date: 10-16-13

Harvest date: 6-20-14

Table 7. 2014 Kentucky Wheat Test - Western Coal Field Region.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (in)	Heading Date > May 1	Winter Survival (%)
	2014	2013-14	2014	2013-14	2014	2014	2014	2014
PROGENY PGX 13-6	97.6		57.7		0	34	9	98
SC EXP DC2030™	97.6		59.4		0	33	8	96
Dixie DEX 13-3	97.4		58.2		0	35	8	95
USG 3438	95.3	100.2	55.8	56.2	0	34	8	81
Pioneer variety XW12J	94.9		57.9		0	36	8	91
SC 1342™	94.4	93.3	56.7	57.6	0	37	9	91
AgriMAXX 413	94.4	98.7	55.8	56.8	0	34	8	95
USG 3404	94.0		57.2		0	33	9	93
ARMOR ARX1329	93.7		59.9		3	36	8	90
KAS S1200	93.7	96.3	56.0	57.0	0	32	8	93
ARMOR ARX1325	93.6		56.9		0	34	9	90
Terral TV8848	93.6	93.3	58.4	58.1	0	35	9	89
SC EXP DC0701™	93.5		59.7		0	36	8	94
STEYER HUNKER	93.4	93.6	56.6	57.3	0	38	9	91
AgriMAXX 444	93.1		56.9		0	35	9	84
Terral TV8535	93.0	94.2	56.6	56.4	0	33	8	94
SYNGENTA SY 483	92.6	90.6	55.3	56.2	0	36	10	93
ARMOR ARX1313	92.5		56.5		3	34	8	85
Pioneer variety 26R10	92.1	95.2	56.9	58.1	0	33	8	93
USG 3013	91.9		55.8		0	37	9	89
SS 8340	91.7	93.1	60.9	60.0	0	34	8	90
SS 8360	91.5		57.2		0	33	9	90
Dyna-Gro WX13622	91.4		57.0		0	35	9	86
ARMOR ARX1327	91.2		57.0		3	35	10	88
SC 1324™	91.2		56.9		0	34	8	86
Pioneer variety 26R41	90.9	94.9	59.3	59.7	0	32	8	94
L-Brand 448	90.5		57.0		0	35	9	91
Pioneer variety 25R78	90.2	98.1	59.5	59.9	0	34	8	93
SC 1321™	90.2	94.7	56.6	56.9	0	33	8	89
BECK 120	90.0	93.7	56.6	57.3	0	33	8	88
KAS S2000	89.6		58.7		0	32	8	93
PROGENY P 870	89.5	94.3	56.3	57.2	0	34	8	93
Dixie Extreme	89.4		55.4		0	36	9	89
SYNGENTA SY 547	89.3		58.4		0	36	8	88
Dyna-Gro 9171	89.3	97.7	56.8	57.1	0	34	8	90
Pioneer variety 25R40	89.2	94.1	56.7	58.2	0	32	10	85
Pioneer variety 25R32	89.2	88.6	60.0	59.8	0	36	8	91
Delta Grow 7200	89.1	89.7	56.6	57.5	0	34	9	83
USG 3612	89.0	93.0	55.7	56.6	0	35	9	89
KY04C-2004-1-1-1	88.8		60.1		0	39	9	94
AgriMAXX EXP 1465	88.6		56.7		0	33	10	96
L-Brand 334	88.5		59.1		0	37	9	90
Delta Grow 9700	88.5	92.2	56.5	57.6	0	36	9	85
Dyna-Gro WX 13631	88.5		59.3		0	35	9	91
ARMOR HAVOC	88.4	97.3	57.7	58.6	0	33	8	79
Delta Grow 7100	88.3		57.7		0	34	9	94
PROGENY PGX 13-2	88.3		58.9		0	31	9	91
Pioneer variety 25R46	88.2		60.8		0	33	9	95
PROGENY P 357	88.1	90.6	55.0	55.6	0	33	9	89
AgExp0762	88.1		58.9		0	34	8	90
AgExp02444	87.7		56.6		0	34	8	89
AgriMAXX EXP 1335	87.5	93.6	57.5	58.3	0	35	9	85
Dyna-Gro 9223	87.4	92.8	55.6	56.9	0	37	9	90
BECK 113	87.0	97.4	59.8	60.8	0	32	8	91
SYNGENTA SY 007	86.8	93.1	58.6	58.3	0	36	8	89
SS 8415	86.8		56.8		0	35	8	99
AgriMAXX 438	86.6		55.8		0	36	9	91
Pioneer variety 26R20	86.4	88.0	55.7	57.4	0	35	9	94
Pioneer variety XW12K	86.3		58.0		0	32	10	93

Table 7. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (in)	Heading Date > May 1	Winter Survival (%)
	2014	2013-14	2014	2013-14	2014	2014	2014	2014
SS 8870	86.3		58.2		0	37	9	90
AgriMAXX 412	86.2	91.8	60.8	59.7	0	36	8	98
ARMOR OCTANE	86.1	95.1	56.4	57.9	0	35	10	85
Delta Grow 7500	85.7	89.9	55.7	57.3	0	33	8	83
ARMOR RAMPAGE	85.4	91.7	56.6	57.1	0	35	9	86
KY03C-1237-10	85.4	93.0	60.9	60.6	0	35	9	86
SS 8700	85.4	89.0	55.3	56.8	0	36	10	90
Pioneer variety 26R53	85.2	91.6	59.6	60.2	0	32	9	91
USG 3993	84.7	89.3	57.9	58.7	0	36	9	88
BECK 129	84.4	94.3	56.6	58.0	0	36	9	95
L-Brand 304	84.2		61.9		0	38	9	90
STEYER PIERSON	84.1	88.7	57.7	58.3	0	37	9	96
VA 10W-123	84.1		58.0		0	36	9	89
BECK 125	83.8		58.7		0	35	8	90
AgriMAXX 447	83.7	95.9	55.9	57.9	0	36	10	95
USG 3833	83.6		56.1		0	36	10	84
KY06C-1003-139-16-5	83.3		59.0		0	35	9	94
PEMBROKE 2014	83.2	86.1	61.9	61.3	0	33	9	94
Delta Grow 3200	82.9		58.9		0	31	9	85
PROGENY PGX 13-1	82.6		56.6		0	36	10	84
Terral TV8861	82.6	85.8	54.6	56.5	0	33	9	86
USG 3251	82.6	87.9	57.2	57.7	0	36	9	86
AgriMAXX 415	82.5	91.2	59.2	60.0	0	34	8	80
Equity Brand Sienna	82.4	88.9	56.6	57.5	0	38	8	91
VA 10W-21	82.2		60.3		0	32	9	90
KAS 5058	81.7	87.8	60.8	60.4	0	36	8	91
PEMBROKE 2008	81.6	89.3	59.7	60.1	0	34	9	94
Bess	81.4	85.0	59.0	59.4	0	37	8	88
Dixie GLORY	81.3		55.9		0	37	10	85
Terral TV8525	81.1	84.6	58.7	58.9	0	35	9	90
KY03C-1237-12	80.6	89.8	59.6	59.9	0	34	9	86
ARMOR ARX1332	80.0		57.7		0	30	9	80
Equity Brand Guardian	79.9		56.5		0	36	9	93
Equity Brand EXP 13W34	79.9		55.6		0	35	10	90
L-Brand 203	79.8		59.8		0	35	8	78
KY03C-1237-39	79.6	86.4	60.3	59.5	0	36	9	83
PROGENY PGX 13-4	79.4		55.8		0	35	11	88
SYNGENTA SY 474	79.4		57.2		0	38	9	85
KAS ELLERY	79.2	91.1	57.4	58.9	0	35	10	93
KY03C-1237-05	78.7	86.3	59.5	59.9	0	35	9	93
Dyna-Gro 9042	78.3	92.6	56.4	57.7	0	34	9	91
PROGENY P 117	77.4	79.4	58.6	58.3	0	38	8	85
Dyna-Gro 9343	77.0	88.3	57.3	58.5	0	37	9	91
KY05C-1600-92-9-5	76.9		59.3		0	36	9	89
Dixie McAlister	76.9		55.7		0	33	9	88
KY03C-1002-02	76.9	89.7	60.3	60.3	0	34	9	90
Truman	74.1	77.9	55.1	56.9	0	38	13	94
SS 8412	72.2	85.5	55.8	58.5	0	34	8	88
PROGENY P 185	72.0	81.2	57.5	58.2	0	39	9	83
Clark	71.9	75.3	59.3	58.1	0	38	8	93
KY03C-1195-10-8-5	70.2		59.9		0	35	10	96
ARMOR VANDAL	69.5	82.9	55.3	56.0	0	34	9	86
L-Brand 343	67.2		51.9		0	33	9	81
AVERAGE	85.9	90.7	57.7	58.2	0	35	9	90
C.V.	7.7	7.3						
LSD (0.10)	11.0	7.6						

Location: Caldwell County (Princeton, KY), no-till
Planting date: 10-11-13
Harvest date: 6-18-14

Table 8. 2014 Kentucky Wheat Test - Ohio Valley Region.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
AgriMAXX EXP 1465	117.3		62.4		0	36	10
KAS S2000	116.0		63.0		0	36	8
Pioneer variety 25R46	113.6		64.0		0	37	9
ARMOR ARX1329	113.3		63.5		0	38	8
AgExp0762	111.6		62.1		0	35	8
BECK 120	111.0	110.6	61.6	59.4	0	35	8
SS 8360	110.9		62.1		0	35	10
Pioneer variety XW12K	110.6		61.4		0	34	11
AgExp02444	110.4		60.0		0	33	8
ARMOR ARX1325	110.4		62.1		0	35	9
KAS S1200	110.2	111.7	61.6	60.0	0	35	7
PROGENY PGX 13-2	110.1		63.5		0	32	8
ARMOR HAVOC	110.1	107.6	62.6	60.3	0	36	8
Pioneer variety 26R10	109.9	113.4	61.9	61.1	1	35	9
SYNGENTA SY 474	109.6		61.1		1	40	9
STEYER HUNKER	109.5	106.8	60.8	59.8	0	39	10
Delta Grow 9700	109.4	108.3	61.0	60.4	1	39	9
AgriMAXX EXP 1335	109.1	104.4	61.5	60.1	0	36	8
SYNGENTA SY 483	109.1	99.0	60.7	59.3	0	36	10
Terral TV8848	109.1	104.4	62.2	61.0	0	37	9
Dixie McAlister	109.0		60.5		0	36	8
SC 1321™	108.9	112.4	61.6	59.7	0	36	8
SS 8340	108.3	100.6	63.7	62.4	0	35	8
ARMOR ARX1327	107.8		61.0		0	36	9
BECK 125	107.8		63.3		0	37	9
SYNGENTA SY 547	107.7		62.9		0	38	8
Dyna-Gro 9171	107.6	110.0	61.0	59.1	0	35	8
Dixie DEXE 13-3	107.5		61.9		0	38	10
Pioneer variety 25R78	107.5	104.5	63.4	61.6	0	36	8
SC 1342™	107.4	106.2	60.8	60.3	1	39	9
Dixie GLORY	107.3		60.7		0	37	10
Equity Brand EXP 13W34	107.2		60.5		0	37	11
Dyna-Gro WX13622	107.2		60.8		0	36	10
PROGENY PGX 13-1	107.2		61.0		0	38	11
Dyna-Gro 9223	107.1	106.2	61.2	60.6	0	40	9
Dixie Extreme	107.1		61.5		0	39	10
PROGENY P 357	106.8	105.5	59.5	58.4	0	37	10
SC 1324™	106.8		61.4		3	37	8
AgriMAXX 438	106.7		60.7		1	40	9
USG 3833	106.7		61.0		0	37	11
Dyna-Gro WX 13631	106.6		63.7		0	38	9
Pioneer variety 25R40	106.5	107.2	62.4	61.5	3	35	9
ARMOR RAMPAGE	106.4	100.3	61.6	60.0	3	38	8
ARMOR OCTANE	106.4	105.2	60.1	60.1	0	37	10
AgriMAXX 413	106.4	107.5	61.2	59.6	0	35	8
USG 3438	106.1	104.1	61.1	59.4	1	35	8
Pioneer variety 26R53	105.7	105.5	63.1	61.6	0	35	9
AgriMAXX 412	105.2	98.5	63.2	61.6	0	37	7
SC EXP DC2030™	105.1		62.9		0	35	8
ARMOR ARX1313	105.1		61.4		0	36	9
PROGENY P 870	105.0	108.1	61.1	59.6	0	34	8
L-Brand 448	105.0		61.0		0	36	10
BECK 129	104.7	103.7	60.2	59.8	10	39	10
VA 10W-21	104.6		64.8		0	38	8
Delta Grow 7200	104.3	102.5	61.9	60.4	0	37	9
AgriMAXX 447	104.2	106.7	60.4	60.5	0	38	11
PROGENY PGX 13-6	104.2		60.7		0	37	10
USG 3013	103.5		60.9		1	38	9
SC EXP DC0701™	103.5		63.3		0	37	9

Table 8. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
Dyna-Gro 9042	103.4	108.3	61.0	60.0	0	35	9
BECK 113	103.3	106.7	65.1	62.7	0	36	8
Equity Brand Sienna	103.3	101.9	60.8	59.2	0	40	8
Terral TV8861	103.2	98.4	61.6	61.0	0	36	10
AgriMAXX 415	103.2	98.4	63.6	62.4	0	36	8
Pioneer variety XW12J	103.1		61.9		3	38	8
ARMOR ARX1332	103.0		63.6		0	31	8
AgriMAXX 444	102.6		61.5		0	36	10
ARMOR VANDAL	102.5	98.7	61.9	61.0	0	35	9
Pioneer variety 26R41	102.1	101.9	62.9	61.6	0	35	9
Delta Grow 7500	101.9	101.1	60.7	60.1	0	35	8
Terral TV8535	101.9	100.4	60.9	59.2	0	34	8
L-Brand 304	101.4		64.7		1	41	7
USG 3612	100.6	94.5	61.2	58.8	3	37	8
Pioneer variety 25R32	100.2	101.8	62.9	61.9	5	37	10
Equity Brand Guardian	99.7		61.9		0	39	10
SS 8700	99.6	102.4	60.2	59.4	1	38	10
PROGENY P 185	99.5	98.7	61.5	60.1	0	40	8
USG 3251	99.3	102.4	62.3	61.4	0	38	9
KAS 5058	99.1	99.8	64.6	62.4	1	38	8
USG 3404	98.9		61.7		0	35	9
SS 8870	98.8		62.1		0	40	9
PEMBROKE 2014	98.6	90.7	65.1	63.0	0	34	8
KY03C-1237-10	98.4	97.5	64.7	62.0	0	36	8
Terral TV8525	98.2	97.2	62.4	61.3	0	36	8
SYNGENTA SY 007	97.9	98.6	63.2	60.9	0	39	8
Dyna-Gro 9343	97.6	97.6	62.3	61.6	0	39	10
Pioneer variety 26R20	97.5	102.3	61.7	60.7	0	37	10
KY03C-1002-02	97.0	95.9	64.5	61.9	1	36	8
Delta Grow 3200	96.9		63.2		0	33	8
STEYER PIERSON	96.8	96.2	62.1	61.3	0	39	9
KY03C-1237-39	96.8	94.4	65.3	62.3	0	36	9
USG 3993	96.2	95.2	62.1	61.3	0	38	9
PEMBROKE 2008	95.5	95.8	63.2	62.2	0	37	8
SS 8415	94.7		61.4		0	38	8
KAS ELLERY	94.3	96.6	61.4	61.3	0	36	10
KY06C-1003-139-16-5	94.2		62.5		0	38	8
Delta Grow 7100	94.0		61.7		0	35	9
KY04C-2004-1-1-1	93.9		64.5		0	40	9
VA 10W-123	93.8		62.7		11	39	8
KY03C-1237-05	93.7	97.3	64.2	62.4	0	36	9
PROGENY PGX 13-4	93.0		60.9		0	35	11
L-Brand 343	92.9		62.0		1	36	8
Truman	91.6	88.4	61.1	60.3	5	40	13
KY03C-1237-12	91.1	92.4	63.9	61.1	0	34	9
SS 8412	90.5	95.0	63.3	62.6	0	36	8
PROGENY P 117	89.3	86.0	61.7	59.0	15	41	8
Bess	89.1	94.4	62.8	60.6	16	40	8
Clark	88.9	86.6	62.8	59.8	6	41	7
KY03C-1195-10-8-5	88.8		63.8		0	36	10
KY05C-1600-92-9-5	88.2		63.0		0	37	10
L-Brand 203	87.6		63.6		5	36	8
L-Brand 334	86.4		62.4		19	38	9
AVERAGE	102.7	101.2	62.1	60.7	1	37	9
C.V.	6.4	6.7					
LSD (0.10)	10.9	7.9					

Location: Henderson County, no-till, winter survival = 100%
Planting date: 10-14-13
Harvest date: 6-21-14

Table 9. 2014 Kentucky Wheat Test - Bluegrass Region.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Height (in)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014
ARMOR HAVOC	103.2	101.4	57.4	57.4	32	12
Dixie Extreme	103.0		56.0		36	13
Delta Grow 9700	101.1	97.7	54.8	56.1	35	13
Dyna-Gro 9223	101.1	96.4	55.6	56.3	34	13
ARMOR ARX1327	100.2		56.3		32	12
Terral TV8848	99.0	95.3	57.8	57.6	33	12
STEYER HUNKER	98.8	98.0	55.3	56.8	34	13
Dyna-Gro WX13622	98.8		56.1		33	12
SYNGENTA SY 483	98.6	96.5	55.1	56.4	33	13
Pioneer variety 26R10	98.5	97.8	56.5	57.2	31	12
AgriMAXX EXP 1465	98.5		56.6		31	12
SC 1342™	98.4	100.4	56.5	57.5	35	13
Delta Grow 3200	98.0		56.1		28	12
SC 1324™	97.6		54.3		32	12
USG 3013	96.9		55.8		35	13
PROGENY P 357	96.6	95.5	53.8	54.8	34	13
BECK 129	96.3	97.0	55.5	56.7	34	13
KAS 5058	95.7	91.7	59.1	59.5	32	12
SS 8360	95.6		56.2		31	12
BECK 113	95.3	95.7	56.9	58.0	31	11
KAS ELLERY	95.2	91.1	58.1	58.0	35	13
BECK 125	94.7		56.7		33	12
AgriMAXX 444	94.7		55.7		31	12
Pioneer variety 25R46	94.4		57.4		31	12
SC EXP DC0701™	93.9		56.8		34	12
Terral TV8535	93.5	91.1	54.7	54.7	30	12
PROGENY PGX 13-6	93.3		56.4		32	12
SYNGENTA SY 547	93.3		57.5		33	12
VA 10W-21	92.9		58.0		31	11
SC 1321™	92.8	93.0	54.9	55.2	30	12
KY05C-1600-92-9-5	92.7		56.8		32	13
ARMOR ARX1313	92.4		54.0		32	12
KY03C-1195-10-8-5	91.9		57.7		33	12
USG 3404	91.8		56.0		33	13
L-Brand 448	91.6		57.3		34	14
L-Brand 304	91.4		59.6		34	11
SS 8870	91.3		56.3		34	12
PEMBROKE 2014	91.1	89.0	58.0	58.9	29	11
ARMOR ARX1325	91.0		56.0		31	12
Pioneer variety 26R53	91.0	89.9	56.6	57.9	30	12
Dixie DEX 13-3	90.7		56.7		33	12
Pioneer variety 26R41	90.5	90.4	55.6	56.5	30	12
SS 8340	90.5	89.1	58.8	59.2	31	12
Dyna-Gro 9042	90.3	90.5	55.3	56.0	30	12
USG 3993	90.1	91.6	57.2	58.6	34	13
ARMOR OCTANE	90.0	93.9	55.8	57.6	33	13
Dyna-Gro 9171	89.8	90.0	54.1	54.5	31	12
PROGENY P 870	89.8	89.3	54.6	54.9	30	12
Delta Grow 7100	89.6		54.9		32	13
KY04C-2004-1-1-1	89.4		58.5		36	14
Dixie McAlister	89.3		53.6		31	12
STEYER PIERSON	89.2	91.2	56.9	58.3	34	12
AgriMAXX 438	88.9		55.8		34	13
Pioneer variety XW12K	88.6		54.8		30	13
AgriMAXX 413	88.3	89.4	53.9	54.9	30	12
Pioneer variety 25R40	88.3	90.0	55.8	57.4	29	12
Bess	87.8	84.3	57.6	58.3	35	12
SS 8700	87.5	89.6	54.5	55.0	32	13
AgriMAXX 447	87.5	92.7	55.2	57.1	33	13
USG 3833	87.5		55.7		33	14

Table 9. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Height (in)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014
SC EXP DC2030™	87.4		55.8		31	11
Truman	87.2	88.3	57.7	59.3	37	17
KAS S1200	86.9	90.0	54.2	55.0	30	12
USG 3438	86.7	87.8	54.4	54.7	30	12
BECK 120	86.4	87.3	54.4	54.6	30	12
PROGENY PGX 13-1	86.3		54.4		33	14
Equity Brand Guardian	86.2		56.5		34	12
Equity Brand EXP 13W34	86.1		54.3		33	14
ARMOR ARX1332	86.0		55.6		27	11
Delta Grow 7200	85.9	86.4	55.5	56.5	31	12
KY03C-1237-12	85.6	91.6	56.7	57.3	29	13
Dyna-Gro 9343	85.4	86.4	56.1	57.6	34	12
KAS S2000	85.3		54.3		30	11
ARMOR RAMPAGE	85.2	91.1	54.5	55.9	33	12
AgriMAXX 415	84.3	87.6	58.1	58.9	31	12
KY03C-1002-02	84.0	90.7	56.2	57.4	29	12
AgExp0762	83.9		54.6		30	11
Pioneer variety 25R78	83.9	86.9	55.5	56.6	30	11
Dixie GLORY	83.8		54.4		33	14
SS 8412	83.8	88.4	57.5	58.5	30	13
USG 3251	83.7	85.8	56.0	57.4	33	13
KY06C-1003-139-16-5	82.8		56.6		32	13
VA 10W-123	82.8		56.3		32	11
KY03C-1237-10	82.7	90.5	55.9	56.8	30	12
Pioneer variety 26R20	82.6	79.7	56.2	54.8	31	12
AgExp02444	82.6		52.5		31	11
ARMOR VANDAL	82.5	85.3	54.4	54.8	31	13
PEMBROKE 2008	82.4	88.5	56.1	57.9	31	12
L-Brand 334	82.1		56.7		34	12
Terral TV8861	82.1	82.7	57.4	57.1	32	13
PROGENY P 185	81.7	85.3	57.0	57.6	34	12
PROGENY P 117	81.7	79.4	58.0	58.3	34	12
PROGENY PGX 13-2	81.7		55.1		27	12
ARMOR ARX1329	81.5		57.0		31	12
KY03C-1237-05	81.4	90.9	54.9	56.5	31	15
KY03C-1237-39	80.5	86.9	55.6	56.7	31	12
SYNGENTA SY 007	80.2	85.5	55.8	57.1	32	12
Delta Grow 7500	79.6	83.8	53.4	55.1	30	12
Clark	79.1	74.0	57.0	57.2	36	11
Terral TV8525	78.7	83.5	57.0	58.1	30	12
PROGENY PGX 13-4	78.7		53.4		32	14
AgriMAXX 412	77.9	78.5	57.7	58.8	30	11
Equity Brand Sienna	77.8	85.0	55.8	57.2	35	13
Pioneer variety XW12J	76.7		54.2		33	12
Pioneer variety 25R32	75.6	83.9	55.6	56.7	33	13
AgriMAXX EXP 1335	75.4	79.9	53.4	55.3	32	12
L-Brand 203	75.0		57.1		32	11
Dyna-Gro WX 13631	73.8		55.6		31	12
SYNGENTA SY 474	73.1		56.3		34	13
USG 3612	72.2	83.6	53.7	55.3	32	12
SS 8415	72.1		52.4		31	11
L-Brand 343	72.1		55.3		31	12
AVERAGE	88.0	89.3	55.9	56.8	32	12
C.V.	8.7	8.1				
LSD (0.10)	12.7	8.4				

Location: Fayette County (Lexington, KY), conventional tillage, lodging = 0%, winter survival = 100%

Planting date: 10-22-13

Harvest date: 6-27-14

Table 10. 2014 Kentucky Wheat Test - Southern Tier Region A.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
ARMOR OCTANE	122.7	105.5	60.9	59.1	3	40	7
SC 1324™	120.9		59.7		1	36	5
BECK 120	118.9	102.4	59.2	57.1	0	35	4
Delta Grow 7200	117.2	102.6	59.6	59.1	0	36	6
Dixie Extreme	116.9		59.5		3	39	6
ARMOR HAVOC	116.6	103.6	60.2	57.9	4	37	6
Delta Grow 9700	116.2	101.7	60.2	58.9	0	38	7
SS 8360	116.1		60.5		0	36	6
PROGENY PGX 13-6	116.0		60.1		0	38	7
SC 1342™	116.0	101.9	60.1	58.8	3	39	6
ARMOR ARX1313	115.9		59.6		1	37	5
SS 8340	115.4	104.0	62.3	61.2	1	36	5
USG 3438	115.4	100.5	59.5	57.3	0	34	4
Pioneer variety 25R78	115.3	92.1	60.6	57.3	3	35	4
ARMOR ARX1327	114.8		59.5		0	36	7
AgriMAXX EXP 1335	114.6	104.7	58.8	58.9	20	36	5
KAS S1200	114.3	103.9	58.8	57.1	0	35	4
AgriMAXX 415	114.2	103.8	61.8	60.8	5	35	5
Dyna-Gro 9343	114.2	102.5	60.9	60.6	0	40	7
USG 3833	114.0		61.1		0	38	7
SC 1321™	113.7	104.1	59.8	57.7	0	34	4
Delta Grow 3200	113.7		61.5		0	33	5
USG 3404	113.4		59.7		0	35	7
PROGENY P 357	113.3	100.0	58.2	56.9	1	36	8
Dyna-Gro 9223	113.1	100.3	60.2	59.1	0	38	7
STEYER HUNKER	113.0	100.3	60.5	59.0	0	37	6
BECK 113	113.0	98.7	61.9	60.7	5	35	5
Delta Grow 7100	112.6		59.7		0	36	7
Pioneer variety 25R46	112.6		61.5		5	37	6
USG 3612	112.2	97.3	59.9	58.1	0	36	5
Pioneer variety 25R40	112.1	96.5	59.6	58.8	0	36	7
ARMOR ARX1325	112.0		60.4		0	36	6
Dixie DEXE 13-3	111.8		61.6		0	38	7
Pioneer variety 26R10	111.7	98.1	60.3	59.1	4	36	6
ARMOR ARX1329	111.7		60.9		0	39	5
USG 3013	111.6		59.6		1	38	7
PROGENY PGX 13-2	111.2		61.7		0	33	5
L-Brand 448	111.0		60.8		1	36	8
PROGENY P 870	110.9	99.9	59.4	57.4	0	36	4
AgriMAXX 444	110.7		59.1		0	36	7
Dixie McAlister	110.6		59.4		0	35	4
Pioneer variety XW12J	110.6		59.9		4	38	5
SYNGENTA SY 483	110.5	93.6	60.2	57.8	4	37	7
SC EXP DC0701™	110.4		61.1		0	38	6
AgriMAXX 447	110.0	98.9	60.2	59.2	13	38	8
Equity Brand Sienna	109.9	97.6	60.1	58.9	3	42	5
AgriMAXX 413	109.8	96.2	58.8	56.8	10	35	4
Dyna-Gro 9171	109.8	101.5	59.2	57.3	0	35	3
PROGENY PGX 13-1	109.7		60.7		0	38	9
Delta Grow 7500	109.5	95.4	59.4	58.2	0	35	5
VA 10W-21	109.3		62.9		4	37	6
KAS S2000	109.2		60.7		10	35	5
SC EXP DC2030™	109.0		60.8		3	35	5
Dyna-Gro WX13622	108.8		59.0		4	37	6
ARMOR VANDAL	108.5	93.0	58.8	56.0	0	36	6
Pioneer variety 26R41	108.3	94.0	60.5	57.7	0	35	6
AgExp02444	108.3		58.1		10	37	5
Terral TV8848	108.1	101.3	59.9	59.2	4	37	6
ARMOR ARX1332	107.7		61.6		0	31	6
Terral TV8861	107.4	91.8	59.6	58.0	0	35	6

Table 10. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
SYNGENTA SY 547	107.3		61.2		0	38	4
USG 3251	107.2	93.8	60.3	58.2	0	40	7
SYNGENTA SY 474	107.1		60.9		0	38	6
BECK 129	107.1	98.4	59.5	58.7	13	37	7
KY03C-1237-39	107.0	97.2	61.2	59.2	0	38	4
Terral TV8535	107.0	94.6	59.1	57.2	0	33	5
AgriMAXX EXP 1465	106.9		59.9		3	35	6
AgExp0762	106.7		60.0		8	36	5
BECK 125	106.6		60.4		3	36	6
Pioneer variety 26R53	106.6	94.7	60.9	59.6	0	34	5
KY06C-1003-139-16-5	106.4		61.3		0	40	5
KAS 5058	106.4	100.3	62.0	62.2	4	38	4
Dyna-Gro 9042	106.3	91.7	61.1	58.5	0	37	7
Terral TV8525	106.3	96.1	62.2	60.3	0	35	6
STEYER PIERSON	106.2	98.7	61.2	60.8	0	38	7
VA 10W-123	106.2		60.7		4	36	3
Dixie GLORY	106.1		60.7		0	37	8
PROGENY P 117	106.0	95.0	61.5	59.2	5	41	3
SS 8870	105.8		60.7		0	40	7
PROGENY PGX 13-4	105.7		59.9		0	38	9
Pioneer variety XW12K	105.6		60.1		8	34	7
ARMOR RAMPAGE	105.4	94.9	59.1	58.0	8	38	5
L-Brand 304	105.4		63.4		0	42	5
Dyna-Gro WX 13631	105.4		60.9		5	37	4
Bess	105.2	94.5	61.4	60.1	14	41	5
AgriMAXX 412	104.9	97.9	62.3	61.3	5	37	4
KY03C-1002-02	104.8	97.8	60.7	59.3	6	36	5
KY03C-1237-12	104.7	95.6	60.5	59.2	4	35	7
SS 8412	104.6	86.1	61.5	57.4	0	35	5
AgriMAXX 438	104.6		60.2		5	37	7
USG 3993	104.4	96.9	61.2	61.0	0	40	7
Pioneer variety 26R20	103.8	87.3	60.0	57.1	4	40	6
Equity Brand EXP 13W34	103.6		60.8		0	38	8
SS 8700	103.4	88.9	60.1	56.9	4	37	7
PEMBROKE 2008	103.2	93.7	61.0	59.3	0	35	5
PEMBROKE 2014	102.9	97.2	62.4	60.5	0	34	4
L-Brand 203	102.6		62.1		5	37	4
Pioneer variety 25R32	102.5	93.7	61.1	60.7	9	37	7
SYNGENTA SY 007	102.4	94.0	60.8	59.4	0	35	4
L-Brand 334	101.8		61.9		10	38	6
Truman	101.7	94.2	60.7	60.5	0	38	12
KAS ELLERY	101.7	87.9	61.5	59.2	0	40	7
KY03C-1237-10	101.5	93.6	61.2	59.0	0	35	5
PROGENY P 185	100.8	94.7	60.5	58.8	0	41	4
KY03C-1237-05	100.6	93.1	61.4	60.6	0	37	9
Equity Brand Guardian	100.2		60.7		8	40	7
KY04C-2004-1-1-1	99.9		62.2		6	40	7
KY03C-1195-10-8-5	98.2		61.2		0	38	8
SS 8415	95.7		59.7		0	37	4
KY05C-1600-92-9-5	94.3		60.7		5	39	7
Clark	90.6	80.9	60.8	59.4	10	42	3
L-Brand 343	87.5		57.9		0	35	5
AVERAGE	108.4	96.9	60.5	58.9	3	37	6
C.V.	7.1	7.1					
LSD (0.10)	12.7	8.3					

Location: Logan County, conventional tillage, winter survival = 100%

Planting date: 10-16-13

Harvest date: 6-19-14

Table 11. 2014 Kentucky Wheat Test - Southern Tier Region B.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
USG 3438	111.7	102.2	57.3	56.1	0	35	8
AgriMAXX 413	109.7	104.6	55.8	55.4	4	35	8
BECK 120	109.6	102.9	56.5	55.6	0	35	8
KAS S2000	108.7		59.3		0	35	9
AgExp0762	107.9		58.9		0	34	9
Delta Grow 9700	107.5	106.3	58.2	58.0	0	39	9
AgriMAXX EXP 1465	106.7		58.0		0	34	9
KAS S1200	106.3	102.9	56.3	56.0	0	36	8
PROGENY P 870	106.2	100.3	56.1	55.8	1	35	8
AgExp02444	105.8		58.4		0	36	8
SC EXP DC2030™	105.8		60.1		0	35	8
KAS 5058	105.4	99.3	60.9	59.8	5	40	8
AgriMAXX 438	105.3		57.1		4	38	10
PROGENY P 117	105.3	98.0	60.2	57.7	8	41	8
Dyna-Gro 9171	104.9	99.1	56.2	55.7	0	34	8
Pioneer variety 25R46	104.6		60.6		0	34	9
Pioneer variety XW12J	104.5		57.5		0	38	8
SC 1321™	104.5	102.5	56.6	55.8	0	35	8
Terral TV8848	104.3	102.6	57.8	58.1	0	37	9
ARMOR ARX1313	104.3		55.4		1	36	9
SS 8340	104.2	100.2	61.3	60.6	0	35	8
ARMOR ARX1325	104.1		57.5		0	36	9
Pioneer variety XW12K	103.7		57.2		0	34	10
Pioneer variety 25R78	103.5	101.2	59.2	58.1	0	36	8
Delta Grow 7500	103.3	98.1	56.3	57.2	0	35	8
VA 10W-21	103.3		62.0		0	35	8
Delta Grow 7200	103.2	97.4	57.4	57.5	0	36	9
Terral TV8535	103.1	99.3	56.5	55.9	0	34	8
Pioneer variety 26R41	103.0	99.4	58.6	58.5	0	34	9
Dixie McAlister	102.8		55.8		0	35	8
SC 1324™	102.3		56.8		0	35	9
SS 8360	101.8		57.2		0	34	9
ARMOR ARX1329	101.7		60.3		0	37	9
Dyna-Gro WX13622	101.6		56.9		0	36	10
AgriMAXX 415	101.5	100.5	60.7	60.3	0	36	8
Bess	101.5	95.7	60.3	59.3	8	40	9
AgriMAXX 444	101.4		56.3		0	34	10
BECK 125	101.3		58.1		0	36	10
ARMOR HAVOC	100.8	100.3	58.1	57.3	0	34	9
Dyna-Gro 9223	100.1	101.9	56.9	57.9	1	38	10
Dyna-Gro WX 13631	100.0		60.7		0	37	8
BECK 113	99.9	102.3	61.0	60.8	0	34	9
SC EXP DC0701™	99.6		57.9		0	37	9
L-Brand 334	99.5		60.9		10	39	9
USG 3013	99.2		56.9		0	38	10
ARMOR ARX1327	99.1		56.0		0	37	10
Pioneer variety 25R40	99.0	104.1	55.2	57.2	0	33	10
USG 3612	98.9	94.1	57.3	56.5	0	38	9
Equity Brand Sienna	98.7	96.4	56.1	56.2	4	41	9
KY03C-1237-39	98.5	97.2	61.2	59.3	1	36	9
Dixie Extreme	98.5		56.7		1	37	10
USG 3404	98.4		56.4		0	34	10
STEYER HUNKER	98.3	100.5	56.5	57.7	0	37	10
Pioneer variety 26R53	98.3	96.6	59.2	58.7	0	33	9
KY06C-1003-139-16-5	98.0		59.2		0	36	10
PROGENY P 357	97.9	98.5	54.2	54.9	3	36	10
Delta Grow 7100	97.8		58.4		0	35	10
PROGENY PGX 13-6	97.5		56.5		1	36	10
PROGENY PGX 13-2	97.2		58.7		0	32	9
ARMOR ARX1332	97.1		58.7		0	32	9

Table 11. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
Dixie DXEX 13-3	97.0		57.6		0	36	10
SYNGENTA SY 007	96.9	91.0	60.4	57.9	0	36	8
Dyna-Gro 9042	96.9	99.3	56.4	57.4	0	34	10
L-Brand 304	96.9		63.1		0	39	8
PEMBROKE 2008	96.8	100.9	59.6	59.3	0	36	9
SYNGENTA SY 547	96.8		58.3		0	37	9
KY03C-1237-10	96.4	98.1	60.7	58.7	0	36	10
PEMBROKE 2014	96.3	95.3	62.1	60.4	0	35	8
SC 1342™	96.1	102.2	56.4	57.6	0	37	10
AgriMAXX EXP 1335	96.1	94.3	56.2	56.7	0	34	10
KY03C-1237-05	95.9	99.7	60.5	60.7	0	36	12
SYNGENTA SY 483	95.8	96.4	54.3	55.9	0	36	11
USG 3993	95.5	96.5	59.6	59.3	13	38	10
PROGENY P 185	95.3	92.8	58.8	58.0	0	40	9
Terral TV8525	95.2	89.5	58.2	58.0	0	35	9
Pioneer variety 26R10	95.1	99.1	55.6	56.9	0	35	9
PROGENY PGX 13-1	95.0		57.0		0	37	11
KY04C-2004-1-1-1	95.0		60.6		3	40	10
L-Brand 448	94.9		58.1		0	37	11
ARMOR OCTANE	94.9	97.1	56.6	57.9	0	37	11
L-Brand 203	94.7		60.8		1	36	8
KY03C-1002-02	93.4	101.8	60.6	58.6	0	35	9
SS 8870	92.8		58.4		0	38	10
Dyna-Gro 9343	92.7	95.3	57.9	58.6	0	38	10
Delta Grow 3200	92.7		57.6		0	32	8
ARMOR VANDAL	92.5	96.4	56.2	55.5	0	35	10
Equity Brand Guardian	92.5		58.0		5	40	10
BECK 129	92.5	98.0	55.9	57.4	10	37	10
AgriMAXX 447	92.5	95.4	56.0	57.4	0	37	11
Pioneer variety 25R32	91.9	90.3	59.8	59.2	0	36	10
AgriMAXX 412	91.4	89.7	62.3	60.3	1	37	8
ARMOR RAMPAGE	90.8	92.5	55.9	55.9	0	37	9
SYNGENTA SY 474	90.8		58.0		0	39	10
SS 8700	90.6	93.5	54.9	56.3	0	37	10
VA 10W-123	90.6		58.4		0	37	8
Terral TV8861	89.8	84.6	56.1	56.5	0	34	10
USG 3833	89.3		56.5		0	37	11
KY03C-1195-10-8-5	88.0		59.7		0	36	10
STEYER PIERSON	88.0	93.9	58.8	59.3	0	37	10
KY05C-1600-92-9-5	87.4		58.4		0	37	11
KY03C-1237-12	87.4	92.6	59.0	58.6	0	35	9
PROGENY PGX 13-4	86.2		56.2		0	35	12
Clark	85.8	83.7	60.3	58.8	5	42	8
Truman	85.7	87.6	57.1	58.3	0	40	14
KAS ELLERY	84.4	86.9	57.9	58.1	0	37	10
SS 8415	84.0		53.3		0	36	9
USG 3251	83.9	90.2	56.6	57.2	0	36	10
Dixie GLORY	81.4		55.1		0	36	12
Equity Brand EXP 13W34	80.9		54.0		0	36	12
Pioneer variety 26R20	77.3	88.1	52.6	55.5	0	35	11
SS 8412	74.4	85.7	56.2	57.0	0	33	11
L-Brand 343	73.6		53.5		0	36	9
AVERAGE	97.1	96.8	57.8	57.7	1	36	9
C.V.	8.6	7.6					
LSD (0.10)	13.8	8.5					

Location: Trigg County, conventional tillage, winter survival = 100%

Planting date: 10-23-13

Harvest date: 6-19-14

Table 12. 2014 Kentucky Wheat Test - North Central Region.

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
USG 3833	109.8		58.2		18	35	11
ARMOR ARX1332	104.6		58.7		0	30	10
Dixie DEXE 13-3	101.9		58.0		10	34	11
KY03C-1237-10	100.4	94.8	59.5	58.1	0	32	9
ARMOR OCTANE	100.1	104.3	57.9	57.3	0	35	11
Pioneer variety 26R53	99.9	93.0	59.6	58.4	0	31	11
SS 8415	99.9		56.6		0	33	11
Dixie Extreme	99.7		56.7		20	37	11
Pioneer variety 25R46	99.7		59.4		0	33	10
Pioneer variety 26R10	99.4	96.0	57.7	56.5	0	33	12
Dyna-Gro 9171	99.1	95.9	55.8	54.8	9	31	9
SC 1342™	98.8	97.0	56.4	56.0	21	35	12
Equity Brand Sienna	98.7	102.1	58.4	58.0	3	38	11
AgriMAXX 413	98.7	95.2	57.0	54.9	0	33	9
Pioneer variety 25R78	98.4	93.3	59.3	55.8	4	34	9
ARMOR ARX1327	98.2		56.6		18	33	11
SYNGENTA SY 547	97.8		58.6		8	34	9
USG 3013	97.6		56.7		20	35	12
Terral TV8535	97.2	92.4	55.6	55.0	3	32	10
ARMOR HAVOC	96.7	91.3	59.2	56.3	0	33	11
SC EXP DC2030™	96.4		56.3		5	32	10
SS 8360	96.1		58.6		3	32	11
AgriMAXX EXP 1465	95.9		59.0		3	33	11
AgExp0762	95.7		57.2		5	31	10
AgriMAXX 444	95.6		57.2		0	33	11
SC 1321™	94.8	96.2	55.8	55.5	0	31	10
STEYER HUNKER	94.7	92.8	57.6	56.6	21	36	12
Dyna-Gro WX 13631	94.6		59.7		3	34	10
AgriMAXX 447	94.5	100.7	57.9	58.1	0	36	12
Delta Grow 3200	94.4		58.3		0	28	10
KY03C-1237-05	94.3	97.0	59.0	57.8	0	34	12
ARMOR ARX1329	94.2		59.8		6	33	9
ARMOR ARX1325	93.3		58.7		24	31	11
Equity Brand EXP 13W34	93.0		57.2		0	36	12
Dyna-Gro WX13622	92.7		57.9		0	34	11
KY03C-1237-39	92.5	90.9	59.4	57.6	1	33	10
Dixie GLORY	92.4		56.8		0	34	12
USG 3404	92.3		57.6		18	32	12
BECK 113	92.2	96.1	58.9	58.5	18	32	10
Dyna-Gro 9343	92.2	92.3	57.9	57.2	18	36	11
AgriMAXX 415	92.1	94.3	59.8	59.2	0	32	10
BECK 120	91.9	93.3	56.0	54.6	3	32	10
PROGENY PGX 13-1	91.6		58.1		6	35	12
Pioneer variety 26R41	91.2	85.4	58.7	56.1	0	31	11
KAS S2000	91.2		58.3		1	34	9
VA 10W-21	91.2		59.8		9	33	11
AgriMAXX EXP 1335	91.0	89.6	56.4	55.8	0	34	11
Dyna-Gro 9042	90.5	94.6	57.2	57.0	0	32	10
STEYER PIERSON	90.3	97.9	56.6	58.3	23	36	12
Delta Grow 9700	90.0	88.9	55.4	54.9	25	36	12
PROGENY P 870	90.0	91.8	55.9	54.6	0	32	10
PROGENY PGX 13-4	89.1		54.8		3	33	13
SYNGENTA SY 007	89.0	92.9	58.1	57.6	1	33	9
KAS 5058	88.9	86.0	59.5	59.1	24	32	10
PEMBROKE 2014	88.7	87.5	60.0	58.8	0	31	9
AgExp02444	88.7		52.9		0	31	10
Dixie McAlister	88.5		54.9		9	33	10
SC EXP DC0701™	88.3		57.2		3	34	10
SS 8700	88.0	87.0	56.6	53.9	11	35	11

Table 12. (continued)

VARIETY	Yield (bu/ac)		Test Wt. (lb/bu)		Lodging (%)	Height (In)	Heading Date > May 1
	2014	2013-14	2014	2013-14	2014	2014	2014
L-Brand 334	87.8		58.3		35	35	10
KAS ELLERY	87.7	95.4	57.3	58.1	0	35	12
PROGENY PGX 13-2	87.7		58.9		1	29	10
SC 1324™	87.3		54.7		18	32	11
Pioneer variety 25R40	87.1	88.9	58.8	56.4	4	31	12
AgriMAXX 412	87.0	89.9	57.4	57.3	13	31	9
USG 3251	87.0	86.3	57.4	55.6	10	34	12
SYNGENTA SY 483	86.8	85.1	56.4	55.2	33	35	12
KAS S1200	86.7	92.8	56.0	54.8	6	31	10
Dyna-Gro 9223	86.3	89.0	57.2	55.8	25	36	11
USG 3438	86.0	86.7	56.2	54.7	0	32	10
ARMOR ARX1313	86.0		55.5		43	34	10
BECK 125	85.9		57.1		0	34	10
SS 8340	85.9	87.3	59.4	58.9	18	32	10
PEMBROKE 2008	85.5	81.7	57.8	56.8	0	34	10
Terral TV8861	85.4	84.9	58.1	56.1	0	34	11
Pioneer variety XW12K	84.8		57.1		0	31	12
KY03C-1237-12	84.7	87.2	58.9	57.7	0	32	10
Bess	84.6	86.9	58.5	59.0	55	37	10
Delta Grow 7500	84.0	81.5	55.4	54.4	0	32	10
ARMOR VANDAL	84.0	79.6	56.9	54.2	33	33	11
USG 3993	83.8	91.2	56.7	57.9	58	35	10
Pioneer variety 26R20	83.6	74.0	57.2	52.1	3	34	11
KY04C-2004-1-1-1	83.6		60.9		23	38	10
SS 8412	82.6	80.1	56.8	55.4	5	31	12
KY06C-1003-139-16-5	82.0		57.9		5	35	11
SS 8870	82.0		57.5		30	35	11
AgriMAXX 438	81.8		55.6		0	36	12
PROGENY PGX 13-6	81.7		55.3		34	34	11
L-Brand 343	80.7		58.6		0	33	9
Truman	80.7	86.6	56.8	57.8	14	40	15
Delta Grow 7200	80.6	83.6	58.4	57.5	10	31	11
ARMOR RAMPAGE	80.5	85.2	54.4	54.7	66	34	10
Delta Grow 7100	80.4		54.6		0	33	12
Clark	80.3	71.3	58.7	56.7	0	34	9
L-Brand 448	79.4		55.6		6	32	13
SYNGENTA SY 474	79.1		57.6		30	36	11
PROGENY P 185	79.1	87.5	55.2	55.7	30	37	10
L-Brand 203	78.3		60.5		4	32	9
Pioneer variety XW12J	78.1		55.1		10	33	10
VA 10W-123	77.9		56.5		60	35	9
Terral TV8525	77.8	76.9	58.3	56.8	5	33	10
PROGENY P 357	77.7	78.3	53.2	51.7	11	34	12
PROGENY P 117	77.6	76.4	56.8	56.0	18	35	10
Pioneer variety 25R32	77.6	87.3	58.6	58.3	5	36	10
KY03C-1002-02	77.0	86.3	58.6	57.7	5	32	11
KY05C-1600-92-9-5	76.3		58.8		8	35	11
USG 3612	76.2	81.6	55.2	55.0	33	34	10
BECK 129	76.1	81.0	54.6	54.5	38	35	12
Equity Brand Guardian	75.8		56.0		46	37	12
L-Brand 304	74.7		60.1		33	35	9
Terral TV8848	69.9	70.6	54.5	53.1	61	35	10
KY03C-1195-10-8-5	68.8		57.1		5	34	12
AVERAGE	88.6	88.7	57.4	56.4	12	34	11
C.V.	14.2	11.3					
LSD (0.10)	20.8	11.7					

DATA HIGHLY VARIABLE - NOT RECOMMENDED FOR VARIETY SELECTION

Location: Nelson County, no-till, winter survival = 100%

Planting date: 10-17-13

Harvest date: 6-26-14

Table 13. 2014 Kentucky Wheat Disease Ratings.

VARIETY	Head Scab	Septoria	Stagonospora	Powdery Mildew
AgExp02444	3.5	3.3	1.5	
AgExp0762	2.5	3.0	1.5	
AgriMAXX 412	4.3	2.8	2.0	
AgriMAXX 413	4.5	4.8	1.8	
AgriMAXX 415	4.5	4.0	2.6	
AgriMAXX 438	4.0	4.0	3.5	
AgriMAXX 447	4.0	3.3	2.0	*
AgriMAXX EXP 1335	4.3	4.3	1.5	*
AgriMAXX 444	4.5	3.5	1.5	
AgriMAXX EXP 1465	4.3	2.8	1.5	*
ARMOR ARX1313	5.5	4.8	2.3	
ARMOR ARX1325	4.3	2.3	2.0	
ARMOR ARX1327	4.0	3.8	1.8	
ARMOR ARX1329	4.8	4.3	2.5	*
ARMOR ARX1332	5.5	3.8	1.8	*
ARMOR HAVOC	3.8	3.3	4.0	*
ARMOR OCTANE	4.0	3.3	2.0	
ARMOR RAMPAGE	5.0	4.0	2.3	
ARMOR VANDAL	6.8	3.0	1.5	
BECK 113	3.3	3.5	2.8	
BECK 120	4.3	6.0	2.8	
BECK 125	4.3	4.0	3.0	
BECK 129	4.0	3.5	4.0	
Bess	3.8	3.5	3.0	
Clark	4.0	4.8	2.8	*
Delta Grow 3200	5.3	3.8	1.5	
Delta Grow 7100	2.5	3.8	2.3	
Delta Grow 7200	3.8	4.3	2.5	*
Delta Grow 7500	4.5	5.0	2.8	
Delta Grow 9700	4.5	3.3	3.3	
Dixie DEX 13-3	4.3	3.3	1.8	
Dixie GLORY	3.8	3.3	3.5	
Dixie Extreme	4.3	3.5	3.3	
Dixie McAlister	4.5	3.8	2.5	
Dyna-Gro 9042	3.8	4.8	3.0	
Dyna-Gro 9171	4.3	4.8	3.3	*
Dyna-Gro 9223	4.3	3.5	3.5	
Dyna-Gro 9343	3.3	3.3	2.3	
Dyna-Gro WX 13631	5.0	4.3	2.3	
Dyna-Gro WX13622	4.3	3.0	2.3	
Equity Brand EXP 13W34	3.3	3.3	3.5	*
Equity Brand Guardian	2.8	3.8	2.3	*
Equity Brand Sienna	5.0	2.5	2.8	
KAS 5058	4.3	3.0	2.3	
KAS ELLERY	4.0	4.3	2.3	
KAS S1200	5.0	5.5	2.3	
KAS S2000	3.8	3.0	1.3	
KY03C-1002-02	4.5	3.5	3.3	
KY03C-1195-10-8-5	4.8	3.0	3.3	
KY03C-1237-05	3.0	3.3	2.8	
KY03C-1237-10	5.3	4.0	2.3	
KY03C-1237-12	5.3	4.0	2.5	
KY03C-1237-39	5.3	3.5	3.0	
KY04C-2004-1-1-1	4.0	3.3	3.0	
KY05C-1600-92-9-5	4.3	5.0	2.5	
KY06C-1003-139-16-5	4.3	4.3	2.8	
L-Brand 203	3.3	3.8	2.8	
L-Brand 304	2.5	2.3	1.8	*
L-Brand 334	2.5	5.0	3.0	

VARIETY	Head Scab	Septoria	Stagonospora	Powdery Mildew
L-Brand 343	8.5	3.8	2.8	*
L-Brand 448	4.5	2.8	2.5	
PEMBROKE 2008	6.3	4.8	1.8	
PEMBROKE 2014	4.3	5.0	3.3	
Pioneer variety 25R32	3.3	3.8	2.8	
Pioneer variety 25R40	5.0	3.8	1.8	*
Pioneer variety 25R46	2.8	2.5	3.5	
Pioneer variety 25R78	6.0	4.3	2.3	
Pioneer variety 26R10	5.3	3.3	2.0	
Pioneer variety 26R20	7.3	3.5	1.8	
Pioneer variety 26R41	5.5	5.3	1.8	
Pioneer variety 26R53	4.8	3.5	3.8	
Pioneer variety XW12J	3.8	3.8	3.3	
Pioneer variety XW12K	3.3	2.3	1.5	
PROGENY P 117	4.3	2.5	2.0	
PROGENY P 185	5.8	3.0	3.0	
PROGENY P 357	5.8	4.8	2.3	
PROGENY P 870	4.8	5.3	3.0	
PROGENY PGX 13-1	3.5	3.0	3.5	
PROGENY PGX 13-2	5.8	4.5	2.0	
PROGENY PGX 13-4	2.5	2.3	2.5	
PROGENY PGX 13-6	4.3	3.3	1.8	
SC 1321™	4.3	4.5	2.8	
SC 1324™	5.8	4.0	1.8	
SC 1342™	4.8	3.8	3.3	
SC EXP DC0701™	4.3	3.3	1.8	
SC EXP DC2030™	3.8	3.0	2.0	*
SS 8340	4.3	3.5	2.8	
SS 8360	5.0	2.3	1.8	
SS 8412	5.8	3.5	4.0	
SS 8415	6.3	2.8	2.0	
SS 8700	6.5	3.3	3.0	
SS 8870	3.0	3.3	2.0	
STEYER HUNKER	4.5	3.5	4.5	
STEYER PIERSON	2.8	3.5	2.0	
SYNGENTA SY 547	5.5	2.5	1.5	
SYNGENTA SY 007	4.8	3.8	3.3	
SYNGENTA SY 474	4.8	3.8	2.0	
SYNGENTA SY 483	4.8	3.9	2.8	
Terral TV8525	4.5	4.0	2.8	
Terral TV8535	4.8	5.8	2.5	
Terral TV8848	4.5	3.3	2.8	
Terral TV8861	6.3	3.3	2.3	*
Truman	2.0	5.0	2.0	
USG 3013	4.5	3.8	2.8	
USG 3251	5.0	3.5	2.0	
USG 3404	4.5	3.0	2.0	
USG 3438	4.3	5.8	2.5	*
USG 3612	4.8	2.8	2.5	
USG 3833	4.5	2.8	3.5	
USG 3993	3.0	3.8	2.3	
VA 10W-123	5.3	3.5	1.5	
VA 10W-21	4.3	2.0	1.3	*
AVERAGE	4.4	3.7	2.5	

All disease ratings taken in Logan County near Adairville, KY. Disease rating scale: 1 = resistant; 9 = susceptible.

Powdery mildew: Disease was present at low levels.

* Indicates susceptibility

Key: Fusarium head blight (head scab); Septoria tritici leaf blotch and Stagonospora nodorum leaf blotch

Table 14. 2014 Kentucky Hulless Barley Variety Test.

VARIETY	Yield (bu/ac)*	Test Wt. (lb/bu)	Lodging (%)	Height (in)	Heading Date > April 1
	2014	2014	2014	2014	2014
VA08H-65	68.8	54.5	0	36	33
VA10H-34	61.3	53.7	0	36	33
Eve	58.9	53.0	0	36	32
Dan	58.7	57.1	0	37	32
VA11H-34	56.0	47.5	0	34	33
Doyce	55.0	51.1	14	35	33
VA07H-31WS	52.2	57.6	11	38	35
VA10H-29	46.9	57.8	19	37	32
AVERAGE	57.2	54.0	6	36	33

*60-lb standard bushel weight

Location: Caldwell County, (Princeton, KY), no-till

Planting date: 10-11-13

Harvest date: 6-18-14

Table 15. 2014 Kentucky Barley Variety Test.

VARIETY	Yield (bu/ac)*	Test Wt. (lb/bu)	Lodging (%)	Height (in)	Heading Date > April 1	Winter Survival
	2014	2014	2014	2014	2014	2014
Price	111.4	43.9	1	32	33	93
PST WB 8	109.6	40.5	0	31	35	91
Thoroughbred	109.3	35.6	0	34	34	93
Wysor	101.0	42.9	0	39	32	90
Nomini	100.5	44.3	0	40	32	89
Atlantic	100.1	37.0	0	32	33	93
Callao	96.1	40.7	33	30	33	93
Novosadski 183	93.9	39.7	0	32	34	83
VA08B-85	79.7	41.7	6	32	33	94
PST WB 7	73.6	43.2	1	30	35	80
Barsoy	62.2	39.9	5	39	32	98
AVERAGE	94.3	40.9	4	34	33	91

*48-lb standard bushel weight

Location: Caldwell County, (Princeton, KY), no-till

Planting date: 10-11-13

Harvest date: 6-18-14

Table 16. 2014 Kentucky Cereal Rye Variety Test.

VARIETY	Winter Survival (%)	
	2014	2014 L-P*
Common Rye	66	0
CCWRY1	60	0
Aroostook	53	0
Inspector	51	0
Elbon	41	0
Maton II	39	0
Generator	38	0
Oklon	36	0
Bates RS4	34	0
Maton	27	0
SouthBlue	4	0
Ovid	1	0
AVERAGE	38	0

Location: Bluegrass Region (Fayette County), conventional tillage.

Planting date: 10-22-13, (*late planted: 11-15-13)

Test discarded due to severe winter kill.

Table 17. 2014 Kentucky Triticale Variety Test.

VARIETY	Yield (bu/ac)*	Test Wt. (lb/bu)	Height (In)	Heading Date > May 1	Winter Survival (%)
	2014	2014	2014	2014	2014
Trical 154	90.1	51.7	47	34	100
SS	75.3	50.4	46	36	100
CCTCLE 1	73.6	46.4	41	37	100
CCTCLE 37	70.7	42.6	42	39	100
Arcia	59.5	46.2	45	36	100
Trical 336	52.9	47.2	43	38	100
Trical 815	48.8	41.8	47	38	100
CCTCLE 29	37.0	36.4	44	39	100
CCTCLE 22	0
AVERAGE	63.5	45.3	44	37	

*60-lb standard bushel weight

Location: Caldwell County (Princeton, KY), no-till

Planting date: 10-11-13

Harvest date: 6-18-14

Table 18. 2013-14 Kentucky Oat Variety Test.

VARIETY	Grain Yield (bu/ac)*	Forage Yield DM (tons/ac)	Straw Yield DM (tons/ac)	Test Wt. (lb/bu)	Lodging (%)	Height (In)	Heading Date > May 1	Winter Survival (%)	
	2013	2013	2013	2013	2013	2013	2013	2013	2014
Gerard 229	148.1	4.29	1.25	35.6	50	39	19	100	0
RAM 99016	146.9	4.61	1.94	33.8	15	49	16	100	0
Gerard 224	142.9	3.54	1.57	35.0	68	42	17	100	0
Horizon 306	136.9	4.21	2.50	35.4	13	44	19	100	0
Rodgers	133.5	3.78	1.76	33.0	43	43	17	83	0
SS 76-40	130.9	3.70	2.14	34.4	8	39	18	100	0
SS 76-50	129.4	3.10	1.56	33.5	15	37	18	53	0
SS 76-30	118.6	2.73	1.73	33.2	40	43	17	93	0
Brooks	112.0	3.83	1.74	32.0	38	42	19	90	0
NC10-5069	108.8	3.52	1.57	31.8	73	36	20	60	0
NC09-4503N (naked)	97.5	3.87	1.44	39.5	48	43	16	97	0
NC10-5051	88.5	2.10	2.05	34.8	75	43	19	100	0
FLO2011 (naked)	40.3	1.29	1.50	.	0	35	20	23	n/a
AVERAGE	118.0	3.43	1.75	34.3	37	41	18	85	0

*32-lb standard bushel weight

Location: Bluegrass Region (Fayette County), conventional tillage

Planting dates: 10-16-12; 10-22-13

Harvest dates: Forage: 5-30-13, grain and straw: 6/26/13

DM = Dry matter yield at milk stage



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