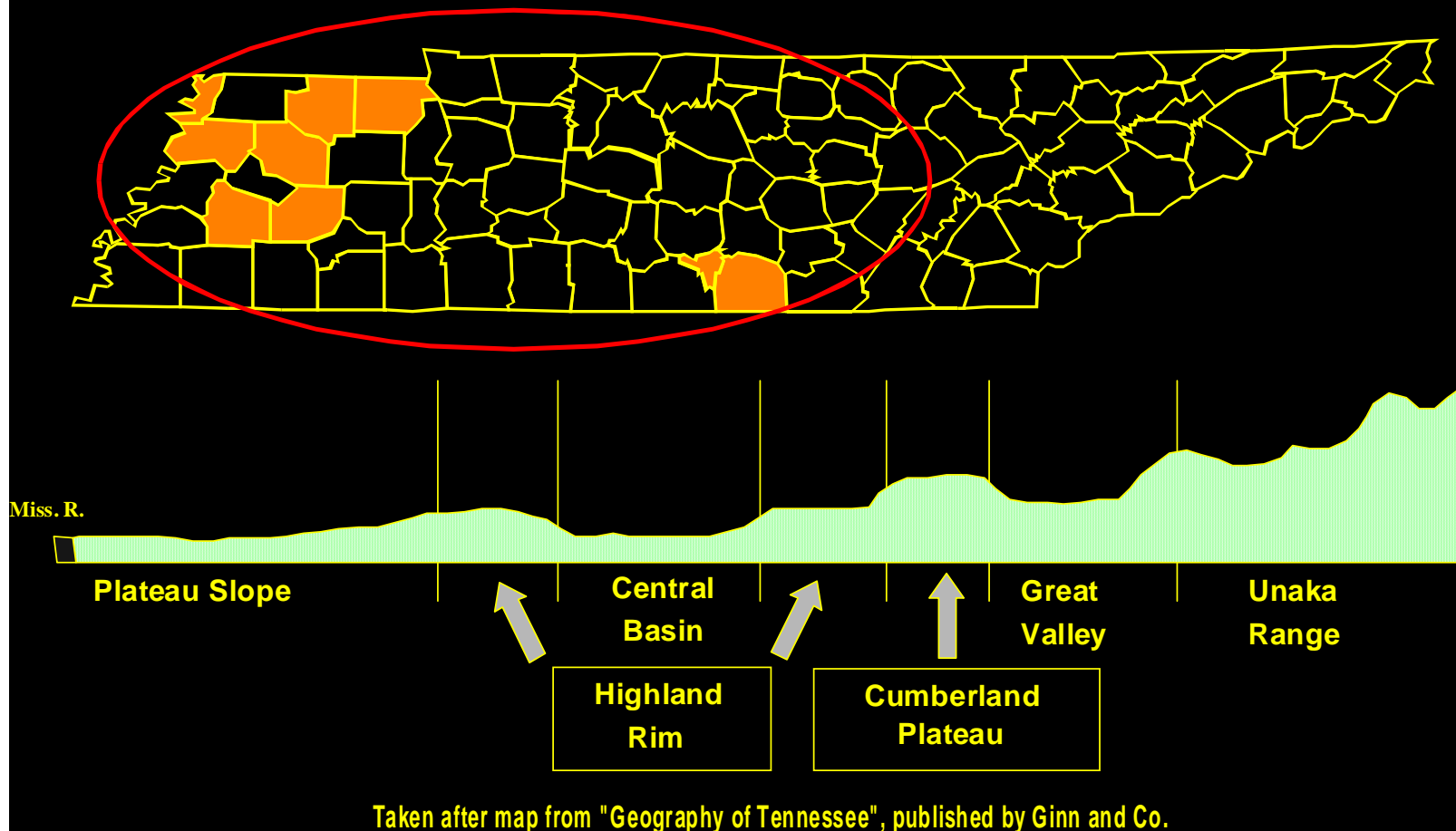


2008 County Production Meeting

2008 MULTI-COUNTY STANDARD PLOT DEMONSTRATIONS

Geographic Area Represented



Taken after map from "Geography of Tennessee", published by Ginn and Co.



2008 STANDARD WHEAT VARIETY TEST

10 LOCATIONS X 19 VARIETIES



Yields of 19 soft red winter wheat varieties evaluated in 10 County Standard Test during 2008.

MS	Brand/Variety	Avg Yld	Moist	TWT	Ball	Dyer	Fran	Gibs	Hayw	Henr	Lake	Moore	Weak	WTREC
		bu/a	%	lbs/bu	Planted 10/11	11/2	11/4	11/2	11/5	10/12	11/1	10/30	11/1	11/4
A	****FFR 556	82.3	13.5	55.5	80.3	108.3	105.9	54.8	98.1	74.2	81.4	103.2	54.9	61.7
AB	**Delta King 9577	80.6	13.9	55.5	80.3	106.7	99.4	61.9	93.1	78.3	71.2	95.3	54.9	65.4
ABC	***FFR 8302	79.6	13.7	57.1	83.0	104.1	95.5	55.3	97.2	68.9	68.2	91.4	66.1	66.5
ABCD	Pioneer 26R22	79.0	13.6	56.6	78.9	105.7	114.1	55.8	96.9	68.3	64.4	92.8	52.9	60.0
ABCD	*AgriPro/Coker Branson	78.2	13.6	56.4	86.1	104.5	92.8	59.8	98.0	75.0	77.5	75.0	47.6	66.0
ABCDE	CRV/Dixie 989	77.7	13.7	55.0	78.2	102.2	101.2	53.9	103.0	74.7	60.4	92.8	51.9	58.6
ABCDE	Vigoro 9710	77.4	13.9	56.8	89.4	101.3	100.0	59.4	80.7	73.3	65.8	91.3	52.4	60.6
ABCDE	**Pioneer 26R15	77.1	13.4	57.1	71.1	103.1	105.9	56.9	85.9	73.1	61.8	93.3	56.4	63.5
BCDE	Excel McKay 100	76.9	13.8	56.6	83.4	99.6	95.1	57.3	100.6	71.4	61.8	94.5	48.4	56.5
BCDE	CRV/Dixie 907	76.7	13.6	56.4	80.1	101.9	100.3	54.2	87.8	75.8	68.7	92.4	47.5	58.9
BCDE	****USG 3350	76.3	13.8	57.3	79.1	97.9	92.5	53.6	92.5	76.6	59.9	94.9	52.5	63.2
BCDE	Armor 9901	75.7	13.8	57.9	71.8	93.9	110.3	58.9	90.9	66.5	70.6	84.5	53.1	56.5
CDE	Progeny 166	75.2	13.9	55.8	78.9	100.0	99.9	53.7	92.2	68.5	63.0	87.8	47.9	60.5
CDE	AgriPro/Coker W1377	75.0	14.0	59.0	70.6	103.0	107.2	55.3	92.8	81.3	59.1	79.0	50.7	51.1
CDE	Progeny 185	75.0	13.5	54.8	80.1	101.4	92.0	51.6	104.6	58.9	62.2	87.8	59.0	52.3
DE	Delta King 9108	74.4	13.7	56.0	74.8	97.4	103.8	56.4	85.0	61.1	59.2	90.7	69.7	45.5
DE	Excel Micah 100	74.2	13.7	56.3	75.1	95.5	103.9	58.1	84.6	81.9	56.5	89.4	45.0	52.5
DE	Vigoro 9712	74.2	13.7	56.8	88.1	99.9	94.0	56.8	98.5	66.5	60.6	77.9	48.5	51.5
E	USG 3342	72.5	13.4	57.6	73.5	97.7	101.8	58.4	65.7	60.9	63.5	95.6	48.1	59.8
	Average	76.7	13.7	56.5	79.1	101.3	100.8	56.4	92.0	71.3	65.0	90.0	53.0	58.5

Yields have been adjusted to 13.5% moisture. Each variety was evaluated in a large strip-plot at each location, thus each county test was considered as one replication of the test in calculating the average yield and in conducting the statistical analysis to determine significant differences (MS).

Official test weight of No. 2 wheat=58 lbs/bu. MS=Varieties that have any MS letter in common are not significantly different at the .05 level. TWT. = Avg. Test Wt. lbs./bu. @ 8 locations.

Varieties denoted with an asterisk (*), (**), (***) or (****) were in the top performing group in 2007, 2006, 2005 and/or 2004, respectively. (Yields from freeze damaged 2007 crop not used to qualify for asterisk)

Locations include: Ballard, Ky. (Foster), Dyer (Sims), Franklin (Woodall), Gibson (King), Haywood (Woods), Henry (Ables), Lake (Dickie), Moore (Ray), Weakley (Hall) and WTREC (W TN Research & Education Center).

2007 STANDARD WHEAT VARIETY TEST

9 LOCATIONS X 20 VARIETIES

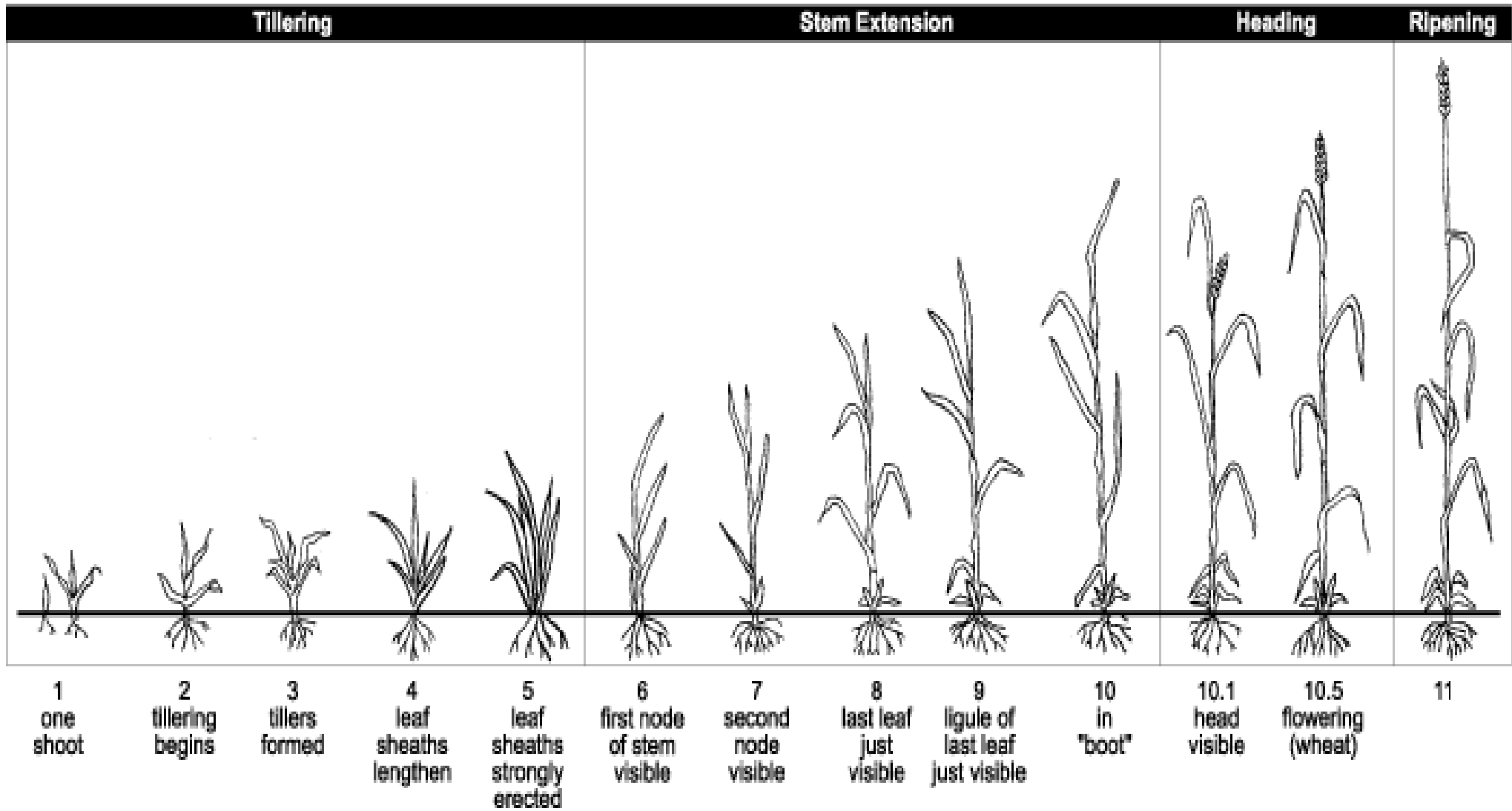


Yields of 20 soft red winter wheat varieties evaluated in 9 County Standard Test during 2007.

MS	Brand/Variety	Avg Yld	Moist	TWT	Ball	Dyer	Gibs	Lake	Moore	Obio	UTM	Weak	WTREC
		bu/a	%	lbs/bu	Planted 10/21	11/21	10/25	10/11	10/14	10/24	10/11	11/4	10/23
A	AgriPro/Coker Branson	56.2	11.3	57.3	60.9	85.4	59.0	74.3	51.7	63.0	14.1	77.7	20.1
AB	*Pioneer 26R15	55.9	11.6	56.8	61.1	95.4	59.8	56.6	32.3	64.2	35.7	77.6	20.6
AB	Vigoro 9712	55.7	11.7	56.9	43.6	94.1	60.9	76.9	41.5	68.6	28.5	73.5	13.7
ABC	AgriPro/Coker Cooper	54.9	11.7	57.2	50.0	99.9	59.2	63.3	33.7	69.4	24.6	80.9	12.7
ABCD	Progeny 166	52.0	11.4	57.6	50.2	87.9	57.6	61.8	36.7	61.9	27.2	73.6	10.8
ABCD	***USG 3350	51.9	11.9	57.8	48.6	86.6	56.5	58.4	39.3	58.7	31.6	74.8	12.9
ABCD	Progeny 185	51.6	12.4	57.5	50.3	93.8	57.7	51.9	40.6	63.6	19.3	73.3	13.5
ABCDE	CRV/Dixie 900	50.3	12.1	57.6	48.1	84.9	55.1	58.9	36.8	61.2	27.9	69.2	10.6
BCDE	Pioneer 26R22	49.9	11.2	58.4	54.4	98.0	61.1	44.7	32.0	47.1	24.6	76.3	10.6
CDE	Vigoro 9412	49.0	12.1	58.1	43.6	94.5	62.0	43.9	30.0	59.3	23.5	71.5	13.1
CDE	***FFR 556	48.7	11.6	57.0	46.2	92.3	52.3	51.6	33.9	51.6	31.6	68.9	10.1
DEF	Dixie 989	48.1	11.5	56.8	28.9	97.6	59.9	59.1	35.2	52.0	17.9	69.1	12.9
DEF	Delta King 9108	48.0	12.0	56.4	53.7	92.1	51.0	46.3	30.9	54.1	21.5	69.8	12.2
DEFG	Armor 3015	47.2	11.4	57.6	48.4	99.3	54.9	44.5	29.6	42.4	25.5	67.7	12.7
DEFG	**FFR 8302	46.8	12.6	57.3	50.0	92.0	50.4	45.1	26.9	47.6	19.9	73.0	16.5
EFGH	***USG 3209 Gaucho¶	44.5	12.6	57.7	49.1	96.4	48.1	30.3	34.6	46.7	13.0	70.7	11.5
FGH	Armor 260Z	42.0	12.2	57.3	31.2	85.8	58.2	38.0	29.9	46.8	14.1	66.5	7.6
GH	***USG 3209	41.1	12.8	57.5	34.5	98.1	41.7	33.6	30.7	40.5	14.9	67.1	8.5
H	*Delta King 9577	40.3	11.7	57.2	32.2	92.9	48.0	35.4	30.6	41.2	10.5	67.3	4.7
H	USG 3342	39.9	11.3	57.8	28.9	89.8	45.2	24.5	25.0	80.9	11.2	48.8	4.8
	Average	48.7	11.9	57.4	45.7	92.8	54.9	49.9	34.1	56.0	21.9	70.9	12.0

1	One shoot (number of leaves can be added), first leaf through coleoptile.
2	Beginning of tillering; main shoot and one tiller.
3	Tillers formed; leaves often twisted spirally. Main shoot and six tillers. In some varieties of winter wheat, plant may be "creeping," or prostrate.
4	Beginning of the erection of the pseudo-stem; leaf sheaths beginning to lengthen.
5	Pseudo-stem (formed by sheaths of leaves) strongly erected.
Stem Extension	
6	First node of stem visible at base of shoot.
7	Second node of stem formed; next-to-last leaf just visible.
8	Flag leaf (last leaf) visible but still rolled up; ear beginning to swell.
9	Ligule of flag leaf just visible.
10	Sheath of flag leaf completely grown out; ear swollen but not yet visible.
Heading	
10.1	First spikelet of head just visible.
10.2	One-quarter of heading process completed.
10.3	Half of heading process completed.
10.4	Three-quarters of heading process completed.
10.5	All heads out of sheath.
Flowering	
10.51	Beginning of flowering.
10.52	Flowering complete to top of head.
10.53	Flowering completed at base of head.
10.54	Flowering completed; kernel watery ripe.
Ripening	
11.1	Milky ripe.
11.2	Mealy ripe; contents of kernel soft but dry. Soft dough.
11.3	Kernel hard (difficult to divide with thumbnail).
11.4	Ripe for cutting. Straw dead.

Feekes Scale of wheat development



2007 CST WHEAT VARIETY YIELDS And Feekes Growth Stage Development Scores



Growth Stage Development (Feekes) and Yields of 20 soft red winter wheat varieties evaluated in 5 Counties during 2007.

MS	Brand/Variety	Dyer	11/21	Gibson	10/25	Lake	10/11	Obion	10/24	Weak	11/4	Avg Score	Avg. YLD
		Feekes§	YLD	Feekes	YLD	Feekes	YLD	Feekes	YLD	Feekes	YLD	Feekes	YLD
A	AgriPro/Coker Branson	9.5	85.4	9.8	59.0	9.8	74.3	9.8	63.0	9.5	77.7	9.68	71.88
AB	*Pioneer 26R15	9.9	95.4	9.9	59.8	9.8	56.6	10.2	64.2	8.0	77.6	9.56	70.72
AB	Vigoro 9712	9.8	94.1	9.7	60.9	9.9	76.9	9.7	68.6	9.8	73.5	9.78	74.79
ABC	AgriPro/Coker Cooper	9.8	99.9	9.9	59.2	9.9	63.3	10.2	69.4	9.8	80.9	9.92	74.53
ABCD	Progeny 166	9.8	87.9	9.8	57.6	10.0	61.8	10.0	61.9	9.8	73.6	9.88	68.59
ABCD	***USG 3350	9.9	86.6	9.9	56.5	9.9	58.4	10.0	58.7	9.0	74.8	9.74	66.98
ABCD	Progeny 185	9.9	93.8	10.2	57.7	10.1	51.9	9.9	63.6	10.0	73.3	10.02	68.06
ABCDE	CRV/Dixie 900	9.8	84.9	9.8	55.1	9.9	58.9	10.0	61.2	9.0	69.2	9.70	65.83
BCDE	Pioneer 26R22	9.9	98.0	9.8	61.1	10.1	44.7	10.0	47.1	9.5	76.3	9.86	65.44
CDE	Vigoro 9412	9.9	94.5	10.1	62.0	10.1	43.9	10.2	59.3	9.0	71.5	9.86	66.23
CDE	***FFR 556	9.9	92.3	10.1	52.3	10.0	51.6	10.1	51.6	9.0	68.9	9.82	63.34
DEF	CRV/Dixie 989	10.0	97.6	10.0	59.9	10.0	59.1	10.3	52.0	9.8	69.1	10.02	67.53
DEF	Delta King 9108	9.9	92.1	10.0	51.0	10.1	46.3	10.0	54.1	10.0	69.8	10.00	62.68
DEFG	Armor 3015	10.0	99.3	10.0	54.9	10.1	44.5	10.0	42.4	10.0	67.7	10.02	61.75
DEFG	**FFR 8302	9.9	92.0	10.0	50.4	10.0	45.1	10.0	47.6	9.8	73.0	9.94	61.62
EFGH	***USG 3209 Gaucho¶	10.0	96.4	10.1	48.1	10.3	30.3	10.2	46.7	10.0	70.7	10.12	58.42
FGH	Armor 260Z	9.8	85.8	10.2	58.2	10.1	38.0	10.2	46.8	10.0	66.5	10.06	59.07
GH	***USG 3209	10.0	98.1	10.1	41.7	10.2	33.6	10.0	40.5	10.0	67.1	10.06	56.21
H	*Delta King 9577	10.0	92.9	10.2	48.0	10.1	35.4	10.2	41.2	10.0	67.3	10.10	56.95
H	USG 3342	9.8	89.8	10.0	45.2	10.1	24.5	10.2	80.9	10.0	48.8	10.02	57.85
	Average	9.9	92.8	10.0	54.9	10.0	49.9	10.1	56.0	9.6	70.9	9.91	64.92

Yields have been adjusted to 13.5% moisture.

§Growth Stage Development (Feekes Scale) used to determine physiological maturity of each variety on April 5, 2007 just prior to freeze of April 6 & 7.

Feekes Scores compiled by: Bob Williams, Tim Campbell, Philip Shelby, Greg Allen, Tim Smith and Jeff Lannom

Varieties denoted with an asterisk (*), (**), or (***) were in the top performing group in 2006, 2005 and/or 2004, respectively.

¶ USG 3209 was tested with and without Gaucho seed applied systemic insecticide.

Locations include: Dyer (Sims), Gibson (King), Lake (Dickie), Obion (Thompson) and Weakley (Hall).

2006 STANDARD WHEAT VARIETY TEST

20 Varieties X 10 Locations



MS	Brand/Variety	Avg Yld	Moist	TWT	Dyer	Gib K	Gib S	Henr	Lake	Moore	UTM 1	UTM 2	Weak	WTREC
		bu/a	%	lbs/bu	-----bu/a-----									
A	Pioneer 26R15	79.9	13.0	59.0	116.6	78.5	67.5	49.2	65.9	77.9	89.2	86.1	73.4	95.2
AB	**FFR 8302	79.1	13.4	59.1	123.1	73.5	70.7	48.7	62.9	79.0	80.1	79.8	73.6	99.5
ABC	Vigoro 9412	76.8	13.0	58.3	111.4	68.0	69.5	54.8	58.7	79.4	83.5	77.2	70.7	94.5
ABC	***FFR 556	76.1	13.0	57.0	121.3	70.9	70.3	49.4	56.7	77.1	85.7	74.0	72.8	82.6
ABC	***USG 3209	75.9	13.4	58.5	114.8	65.3	77.6	58.8	64.5	72.7	73.9	62.6	70.9	98.2
ABC	**USG 3350	75.8	13.3	58.8	103.7	70.0	68.7	54.0	61.0	76.1	78.1	82.2	70.2	93.8
ABC	Croplan 8301	75.8	13.1	58.3	120.9	64.5	76.9	45.0	55.5	74.7	84.3	74.4	69.5	91.9
ABC	Merschman Barbie VII	75.7	13.2	58.1	103.5	69.3	65.8	58.4	67.3	77.3	77.1	76.2	63.7	98.7
ABC	Pioneer 26R58	75.6	12.5	57.5	114.6	76.7	72.7	45.9	67.3	71.9	77.3	71.6	69.1	89.3
ABC	*Delta King 9577	75.6	13.1	57.3	113.2	69.6	77.2	55.4	78.1	66.3	74.1	68.5	61.6	92.1
BC	Vigoro 9410	75.2	13.3	58.5	103.8	67.5	70.0	62.6	61.4	77.9	77.6	74.2	66.8	90.1
BCD	*AgriPro/Coker Panola	75.0	12.9	57.6	116.3	65.2	70.7	59.8	66.2	66.1	75.1	67.2	71.7	91.1
BCD	USG 3477	74.8	13.0	58.1	109.0	71.6	73.2	48.5	61.5	70.6	78.7	76.6	67.5	90.7
CD	*CRV/Dixie 900	74.5	13.4	58.4	106.5	69.5	69.6	55.5	56.4	73.6	79.2	75.2	67.3	92.2
CD	AgriPro/Coker 9553	74.2	13.2	59.6	118.7	64.8	69.1	44.6	59.8	71.0	81.3	72.1	67.6	92.9
CD	*Progeny 166	74.1	13.1	57.7	100.9	67.9	74.4	51.8	64.0	67.4	78.0	77.0	72.0	87.9
CD	CRV/Dixie 357	73.6	13.4	57.4	108.3	71.9	73.2	36.7	58.7	76.4	75.0	73.4	68.3	94.7
CD	Progeny 145	72.2	13.3	57.8	106.5	57.6	76.0	57.6	57.9	71.5	75.1	66.6	67.4	86.2
D	Delta King 7830	70.6	13.1	58.0	108.5	64.3	70.1	49.2	59.3	68.8	66.9	69.2	67.6	81.7
D	Merschman Katie X	70.4	13.4	57.5	89.4	60.2	66.0	56.3	60.5	83.4	68.6	69.1	68.4	82.6
	Average	75.0	13.2	58.1	110.5	68.3	71.4	52.1	62.2	73.9	77.9	73.7	69.0	91.3

Most Repeatable Wheat Varieties, CST, 2005-2008



Brand/Variety	2008			2007			2006			2005			Average 05-08			Freeze Scores	
	08 Yld	08 M	08 Twt	07 Yld	07 M	07 Twt	06 Yld	06 M	06 Twt	05 Yld	05 M	05 Twt	05-08 Yld	05-08 M	05-08 Twt	4/5/2007	5 County
	bu/a	%	lbs/bu	bu/a	%	lbs/bu	bu/a	%	lbs/bu	bu/a	%	lbs/bu	bu/a	%	lbs/bu	Feekes	Yld
****FFR 556	82.3	13.5	55.5	48.7	11.6	57.0	76.1	13.0	57.0	71.9	14.1	58.2	69.8	13.1	56.9	9.82	63.34
**Delta King 9577	80.6	13.9	55.5	40.3	11.7	57.2	75.6	13.1	57.3	79.1	14.0	59.8	68.9	13.2	57.5	10.10	56.95
***FFR 8302	79.6	13.7	57.1	46.8	12.6	57.3	79.1	13.4	59.1	67.3	17.1	59.1	68.2	14.2	58.2	9.94	61.62
**Pioneer 26R15	77.1	13.4	57.1	55.9	11.6	56.8	79.9	13.0	59.0	70.5	14.5	60.3	70.9	13.1	58.3	9.56	70.72
****USG 3350	76.3	13.8	57.3	51.9	11.9	57.8	75.8	13.3	58.8	73.2	14.8	57.8	69.3	13.5	57.9	9.74	66.98