

Wheat Tech, Inc.
2009-2010 Missouri Wheat Variety Trial
Bertrand, MO

Variety	Yield bu/ac	TW lbs/bu	Height IN	FHB *	Leaf blotch **	Leaf rust **
Armor ARX 9304	109.44 a	60.33	29	5	7	2
Dyna Gro 9053	108.34 a	58.88	30	7	7	5
Dyna Gro 9012	108.09 a	63.87	32	4	7	3
KAS 1200	106.86 ab	61.65	30	5	6	2
Pioneer 25R32	100.63 abc	63.15	34	8	9	7
Pioneer 26R22	100.53 abc	60.88	35	3	7	2
Pioneer 26R15	99.11 a-d	60.95	34	6	8	1
Colt-KAS	96.76 b-e	61.43	35	4	7	4
Dixie 454	96.58 b-e	62.88	33	3	4	3
AgriPro Coker Branson	96.45 b-e	62.15	31	5	7	6
Pioneer 26R20	95.76 cde	62.53	32	4	7	3
AgriPro Coker W1377	95.44 cde	65.03	35	6	7	6
Dyna Gro 9922	94.40 cde	62.45	36	3	7	6
Pioneer 25R78	94.21 cde	62.10	35	3	6	2
AgriPro Coker Oakes	93.41 cde	62.35	36	3	6	4
KAS 5058	92.79 cde	63.25	34	4	3	4
Dixie 940	92.76 cde	60.50	36	4	7	6
Progeny 166	91.91 cde	62.23	37	3	7	5
Dixie 427	91.00 cde	60.88	31	3	7	4
AgriPro Coker W1104	90.26 cde	59.85	31	5	8	4
Progeny 185	90.20 cde	61.25	32	5	7	4
Renegade	89.74 cde	63.17	36	4	7	1
KAS 5003	89.73 cde	60.30	35	3	8	4
Dixie 907	87.24 def	62.25	36	3	8	3
KAS 7700	87.12 def	61.93	34	3	8	4
Progeny 117	85.23 ef	63.20	37	4	8	3
Progeny 125	79.19 f	61.15	29		8	3
LSD (P=.05)	6.99	1.40				
Standard Deviation	4.95	0.99				
CV	5.21	1.60				
Mean	94.93	61.87	33.52	4.23	6.96	3.74

Planted: October 26, 2009

Harvested: June 13, 2010

* FHB rating is a visual estimate of the expression of Fusarium head blight (*Fusarium graminearum*) symptoms for that variety. This rating is on a scale of 1 (poor resistance) – 9 (excellent resistance).

** Disease ratings: 0 (excellent) – 9 (poor). Leaf rust (*Puccinia recondita*) and leaf blotch (*Septoria tritici*) ratings were obtained from observing symptoms on the flag leaves.