

Table 3. Performance of wheat at West Lafayette IN, 2010.¹

Line designation	Grain yield bu/a	Rank	Test weight lb/bu	Heading date Julian	Plant height in.	Straw score ² 0-9	FHB Type 1 ³ %	FDK ⁴ %
Bess	95.5	7	51.5	127	37.0	4.0	10	10.0
Branson	101.0	2	55.8	125	33.5	4.0	50	25.0
INW0412	93.5	8	59.8	127	40.0	5.0	10	10.0
INW0731	91.5	10	55.9	126	34.5	4.5	15	15.0
INW0803	99.0	5	55.0	125	31.5	2.5	30	20.0
INW1021	92.5	9	54.4	126	34.0	4.5	15	15.0
PIO25R56	105.5	1	55.4	127	33.0	4.0	30	35.0
AG2581	100.5	3	58.3	126	33.5	4.5	20	20.0
AG2738	99.5	4	55.3	128	33.5	5.0	30	65.0
AG2579	96.5	6	55.8	129	34.5	4.5	20	30.0
No. of reps	2		1	1	2	2	1	1.0
Location means:	97.50		55.72	126.6	34.50	4.25	23	24.5
CV %	4.56				5.42	24.11		
LSD (0.05)	9.91				4.17	2.28		

¹Seeded 9/30/09. Fertilizer: N/P/K 35/90/00 prior to seeding; Topdress 95/00/00, 3/17/10. Harvested 6/30/10.

²0=no lodging and strong straw to 9=lodged flat.

³% of spikes diseased with FHB - low % = Type 1 resistance: in 3' plots seeded in disced corn residue and misted.

⁴Fusarium diseased kernels. Kernels with noticeable fusarium infection.