

Table 10. Normal maturity wheat performance trial across North Louisiana for two years, 2018 and 2019.

Brand / variety	Grain Yield bu/a	Test Wt lbs/bu	Head Day of yr	Plant Ht in	Lod Score 0-9	Stripe Rust %	Leaf Rust %	Pheno type 0-9	FHB Score 0-9	FDK %	Misted FHB Nursery			
											RM	FHB	FDK	DON
											0-9	0-9	%	ppm
											2yr	2yr	2yr	2yr
AGS 2055	85.9	58.0	91	37	0.5	3	0	5.3	2.0	5	5.5	6.1	70	18
USG 3640	83.7	59.7	87	37	0.4	15	0	5.7	3.5	40	5.5	6.1	40	7
PIONEER 26R59	81.8	54.8	93	34	0.4	0	8	5.2	2.0	5	7.0	4.3	48	9
LCS L11713	81.6	59.7	89	34	1.5	0	0	5.6	4.3	18	5.0	4.0	29	7
LA08080C-31-1	81.0	57.6	88	36	0.6	0	2	5.7	3.8	58	6.0	4.0	46	8
SY VIPER	80.1	57.7	90	39	1.1	0	9	5.2	2.0	5	6.0	4.1	33	7
PROGENY AG #FURY	80.0	58.1	88	35	0.4	10	0	5.3	4.5	50	5.5	5.6	61	12
SY COLLINS	80.0	59.1	85	39	0.6	0	0	5.2	2.0	5	6.5	3.1	10	3
USG 3118	78.5	57.6	88	35	0.4	0	0	5.0	2.5	10	7.0	4.5	39	6
PROGENY AG PGX16-4	78.3	58.2	87	37	0.9	4	0	5.5	3.8	43	6.0	6.1	59	13
DYNA-GRO 9811	78.0	58.8	92	37	0.4	0	0	5.6	2.0	10	7.0	3.9	48	10
LA09225C-33-3	77.8	59.1	89	37	1.1	0	0	5.8	1.8	10	6.5	5.0	50	13
DYNA-GRO 9701	77.3	57.5	97	39	0.3	0	0	5.3	0.5	5	7.0	2.8	35	13
PROGENY AG #BERKELEY	77.2	57.7	87	36	0.9	0	2	5.5	3.0	33	6.0	3.9	33	6
LA01110D-150-241	77.2	57.2	83	37	1.1	3	0	5.9	4.8	55	5.5	5.6	59	9
DYNA-GRO TV8861	77.1	57.1	96	36	0.5	1	20	4.9	1.0	10	6.5	2.5	54	17
AGS 3040	76.7	56.7	85	37	1.0	21	0	5.5	2.8	28	6.0	4.8	28	3
AR06146E-1-4	76.2	60.1	85	38	0.4	0	0	6.0	2.8	5	6.0	3.0	10	3
AGS 2038	75.8	58.6	90	40	0.9	0	0	5.1	1.8	15	6.5	6.3	66	21
PIONEER 26R45	75.4	55.6	96	38	0.5	0	4	5.3	0.3	5	7.0	2.8	33	7
PROGENY AG #TURBO	75.2	57.5	90	36	0.6	0	0	5.2	1.8	10	7.0	4.9	46	19
GO WHEAT LA754	74.7	58.0	81	36	1.8	25	2	5.7	5.0	70	5.0	4.4	43	7
DELTA GROW 1000	74.3	57.1	97	38	0.4	0	0	5.0	0.8	5	7.0	2.9	38	12
PIONEER 26R41	73.1	58.0	95	33	0.3	0	0	5.8	1.0	10	7.0	3.6	48	20
PROGENY AG #BULLET	72.6	57.0	98	37	0.4	1	0	4.8	0.8	13	7.0	3.9	29	10
AGRIMAXX 473	71.3	57.1	96	39	0.1	0	0	5.1	1.0	18	7.0	3.4	39	14
LA01110D-150-625	68.0	58.2	81	36	1.7	0	1	5.3	4.0	40	4.0	4.9	39	8
MEAN	77.4	57.9	90	37	0.7	3	2	5.4	2.4	22	6.2	6.1	62	10
CV%	13	2	3	5	135	158	304	13	27	83	8	17	25	29
LSD(0.10)	6.2	1.1	4	1.7	0.6	5.9	5.5	0.6	0.8	28.1	0.9	1.5	28.2	13.5

Data from 2018 and 2019: Alexandria and Winnsboro; and 2018: Bossier City and St. Joseph.

Brand/variety indicates the entry is commercially available, others are non-released breeding lines.

Lod Score is lodging score on a scale of 0 = none to 9 = 100% lodged.

Stripe rust is relative score with 0 = none and 9 = severe infection and dieback.

Leaf Rust is percent tissue of upper three leaves affected by leaf rust.

Phenotype is overall visual appeal on a 0 = very ugly to 9 = very attractive plot. It takes into account tillering, head appearance, canopy

FHB is percent Fusarium head symptoms in the field on a scale of 0=none to 9= severe.

FDK is percent Fusarium Damaged Kernels from a misted and inoculated nursery.

RM is relative maturity where 0 = extremely early; 3 = early; 5 = average heading date; 7 = late; 9 = did not head.

FHB Misted Nursery Data is two-year means.

FDK Misted Nursery Data is two-year means.

DON is Deoxynivalenol toxin concentration.