

Table 6. Early 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 0-9	Leaf Rust %	Pheno type 0-9	FHB Score 0-9	FHB FDK %	Seed Qual 0-9	Misted Nursery			
												FHB 0-9	FDK %	SDQ 0-9	DON ppm
												2yr	2yr	2019	2yr
AGS 2055 *	83.0	57.3	93	35	0.3	0.0	0	6.0	1.5	10	4.5	5.0	71	1.0	20
AGS 2024	81.1	57.7	90	34	0.3	0.0	0	5.6	2.4	45	4.0	6.3	54	2.5	10
AGS 2038 *	80.1	59.0	93	37	0.4	0.0	0	5.9	2.1	20	4.5	6.3	56	1.0	17
DELTA GROW 3500	79.2	59.3	87	32	1.0	0.0	0	6.1	5.9	60	3.0	4.5	39	4.0	6
GO WHEAT LA754	73.1	58.2	86	35	1.2	0.0	4	5.9	4.8	70	3.0	4.9	40	3.5	6
PIONEER 26R94	73.0	58.2	89	36	0.5	0.0	0	5.7	4.4	5	6.0	6.3	46	3.5	10
AGS 3030	70.7	54.7	87	33	0.4	0.0	0	5.1	4.8	70	3.0	5.2	48	3.0	6
AGS 3000	61.8	57.1	81	32	1.4	0.0	43	5.9	3.6	18	5.0	3.8	29	4.0	3
AGS 2040	60.4	57.3	83	34	0.6	0.0	1	5.9	4.1	10	5.0	5.3	13	5.0	2
Mean	73.9	57.7	87.6	34	0.7	0.0	5	5.8	3.7	34	4.2	5.3	44	3.1	9
CV%	12	3	2	6	123		58	10	18	10	7	17	28	38	16
LSD(0.10)	10.3	2.2	3	2.3	0.8	NS	3.1	NS	0.8	9.1	0.8	2.2	23.4	1.7	3.9

* AGS 2038 and AGS 2055 are medium-late checks for cross comparison.

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

Bold '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 density, leaf color and health, etc.

FHB score is 0-9 Fusarium symptoms on head from yield plots (non-inoculated) and from a misted and inoculated nursery.

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

Seed Qual (SDQ) is seed quality, a relative, visual rating of seed plumpness, uniformity, and visible defects (disease, insect damage, etc.), 0 = poor.

DON is Deoxynivalenol toxin concentration from the misted and inoculated nursery.

NS indicates that variety mean difference were not statistically significant.