



Table 7. Early maturity wheat performance trial across North Louisiana for three years, 2017 - 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 %	DON ppm
AGS 2055 *	71.2	56.5	91	37	1.4	0.0	0	6.1	0.8	10	4.5	4.0	65	23.8
AGS 2038 *	70.3	57.9	90	38	1.5	0.0	0	5.8	2.6	20	4.5	4.7	47	18.3
AGS 2024	70.3	56.8	84	35	1.6	0.0	0	5.3	3.2	45	4.0	6.6	58	14.5
DELTA GROW 3500	69.5	58.7	84	34	2.6	0.0	0	6.1	2.8	60	3.0	4.4	33	8.6
GO WHEAT LA754	66.2	57.5	82	36	2.7	0.0	1	5.6	3.8	70	3.0	5.8	54	10.6
PIONEER 26R94	65.7	57.9	84	38	1.9	0.0	3	5.7	3.2	5	6.0	4.8	43	12.3
AGS 3000	57.6	57.1	75	34	2.6	0.0	22	5.5	2.2	18	5.0	3.4	27	6.7
AGS 2040	56.1	57.4	78	35	2.3	0.0	0	5.8	2.9	10	5.0	4.2	12	6.0
Mean	66.0	57.5	84	36	2.1	0.0	3	5.7	2.7	30	4.4	4.7	42	12.6
CV%	13	3	2	5	78	-	97	11	21	13	7	30	27	33
LSD(0.10)	7.5	1.6	3	1.5	0.7	-	8.2	0.5	NS	-	-	NS	22.9	3.8

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

Data from 2017, 2018 and 2019 Winnsboro; 2017 Alexandria and St. Joseph; 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 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 a misted and inoculated nursery.

NS indicates that variety mean difference were not statistically significant.