

Table 9. Normal maturity wheat performance trial across North Louisiana for 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
PROGENY AG PGX 18-2	76.9	56.7	91	32	2.1	0	0	5.3	4.0	28	5.0	4.5	65	8
DG WX18416	76.0	55.5	95	39	0.4	0	2	4.8	1.8	5	6.5	6.0	70	8
AGRIMAXX EXP1906	75.6	55.1	95	39	1.1	1	0	5.3	1.5	15	6.5	4.0	85	19
ARMOR VELOCITY	75.3	56.0	95	38	0.3	1	2	5.5	1.8	5	6.5	5.0	75	10
PROGENY AG PGS 18-8	74.7	55.7	98	37	0.0	0	4	4.0	2.0	15	6.5	5.5	83	21
LCS L11713	74.3	57.4	90	32	2.4	0	0	5.5	4.3	18	5.0	5.5	43	5
DYNA-GRO 9811	74.3	56.3	94	38	0.6	0	0	5.0	2.0	10	7.0	5.5	80	12
AGS 2055	74.0	55.8	92	39	0.8	3	0	4.8	2.0	5	5.5	9.0	95	16
SY COLLINS	73.6	57.6	85	37	1.0	0	0	5.0	2.0	5	6.5	4.5	15	4
LA09225C-33-3	73.1	57.7	93	38	1.9	0	0	6.0	1.8	10	6.5	8.0	75	18
LA12080LDH-122	72.8	54.2	82	31	2.9	0	0	6.5	8.0	30	4.5	8.0	23	2
NC12-21213	72.2	56.4	91	39	0.6	0	1	5.0	3.3	18	6.0	7.5	78	8
GA 09377-16LE18	72.0	56.3	83	37	0.4	1	0	6.8	4.8	23	6.0	8.5	80	9
PIONEER 26R59	71.2	52.8	97	34	0.4	0	8	4.8	2.0	5	7.0	6.5	78	13
PROGENY AG #TURBO	71.0	56.0	92	37	0.8	0	0	5.3	1.8	10	7.0	6.0	40	9
SY RICHIE	70.6	55.6	87	37	0.5	0	0	5.5	5.0	28	6.5	7.0	40	6
USG 3118	70.2	55.9	90	37	0.3	0	0	5.0	2.5	10	7.0	6.5	58	6
AR06146E-1-4	70.1	57.6	84	38	0.6	0	0	5.5	2.8	5	6.0	4.0	15	3
DYNA-GRO PLANTATION	69.6	56.7	80	33	3.3	19	0	4.8	6.3	38	6.0	8.0	50	3
PROGENY AG #FURY	69.4	54.7	89	37	0.5	10	0	4.3	4.5	50	5.5	8.5	95	14
AGRIMAXX 481	68.8	56.1	81	36	2.4	18	0	4.5	5.8	50	5.5	8.0	38	5
DELTA GROW 1000	68.6	54.7	100	39	0.4	0	0	5.0	0.8	5	7.0	4.5	70	19
NC14-23372	68.4	56.8	92	38	1.0	0	1	5.5	2.8	20	6.5	3.5	58	3
GA 071518-16E39	68.0	56.4	84	35	1.5	4	0	5.5	4.5	38	5.5	9.0	65	4
SY 547	67.1	56.0	93	38	1.8	5	0	4.0	0.8	13	7.0	4.5	73	12
PROGENY AG PGX 18-7	66.8	57.4	96	38	0.3	15	1	5.3	1.0	5	6.5	5.0	65	22
LA08080C-31-1	66.5	53.5	89	38	0.8	0	2	5.3	3.8	58	6.0	6.0	68	3
AR07133C-19-4	66.1	57.4	93	39	0.0	0	0	3.8	1.3	10	7.0	4.0	63	19
LA12080LDH-72	66.0	54.6	86	37	1.6	0	3	6.5	4.3	8	6.0	4.5	8	2
LA01110D-150-241	65.7	53.9	82	37	2.0	3	0	5.8	4.8	55	5.5	7.5	75	4
DYNA-GRO 9701	65.6	55.5	101	40	0.1	0	0	5.5	0.5	5	7.0	5.0	65	22
ARMOR COASTAL	65.6	55.3	89	33	1.4	0	8	4.8	3.5	13	5.0	7.0	55	7
LA14076LDH-217	65.6	56.4	80	32	1.4	0	0	6.0	3.8	23	6.5	8.0	60	10
USG 3640	65.4	55.8	89	38	0.5	15	0	5.3	3.5	40	5.5	8.0	48	4
PROGENY AG PGX16-4	65.2	55.5	89	37	1.4	4	0	4.8	3.8	43	6.0	8.5	70	9
DH12SRW056-058	65.0	57.0	90	38	0.5	0	4	5.8	2.3	5	5.5	4.0	15	4
PROGENY AG #BERKELEY	65.0	55.1	89	37	1.3	0	2	4.8	3.0	33	6.0	5.0	50	4
GO WHEAT LA754	64.7	54.3	79	34	3.1	25	2	5.3	5.0	70	5.0	5.0	55	3
AGS 2038	64.6	55.7	91	40	1.4	0	0	4.8	1.8	15	6.5	8.0	95	25
GA 19436-16LE12	63.2	57.2	90	42	0.6	1	0	5.5	3.0	23	6.5	7.5	35	4
SY VIPER	63.0	57.0	92	38	1.4	0	9	5.0	2.0	5	6.0	5.5	53	10
DYNA-GRO TV8861	62.8	55.5	99	38	0.6	1	20	4.8	1.0	10	6.5	3.5	90	27
LA08281C-P4-3-1	62.7	52.4	79	35	1.5	0	0	5.3	6.8	88	6.0	8.0	83	11
PIONEER 26R45	62.3	53.6	102	38	0.8	0	4	4.8	0.3	5	7.0	5.0	60	11
DG WX19621	61.2	54.6	98	37	0.9	2	1	4.0	1.0	13	7.0	5.0	68	12
PIONEER 26R41	60.8	55.3	99	34	0.4	0	0	6.0	1.0	10	7.0	6.0	83	33
AGS 3040	60.5	55.2	85	37	1.5	21	0	4.8	2.8	28	6.0	7.0	45	3
PROGENY AG #BULLET	60.3	55.4	101	38	0.4	1	0	4.5	0.8	13	7.0	5.0	50	17
LA13235LDH-70	59.9	54.9	78	35	1.9	0	0	5.8	4.8	70	5.0	7.0	45	3
LA13235DH-19	59.1	55.5	81	33	0.5	1	0	6.0	6.3	70	5.0	8.0	35	3
PROGENY AG #BLAZE	58.4	53.2	99	37	0.1	0	12	5.3	0.3	5	7.0	5.5	70	16
LA01110D-150-625	56.9	54.3	78	37	2.9	0	1	4.5	4.0	40	4.0	6.0	45	4
AGRIMAXX 473	56.1	53.9	100	40	0.0	0	0	5.0	1.0	18	7.0	5.5	73	24

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											RM 0-9	FHB 0-9	FDK %	DON ppm
MEAN	67.2	55.6	90	37	1.1	3	2	5.2	2.9	24	6.1	6	59.7	10
CV%	14	3	3	6	106	177	281	15	23	69	9	14	28	27
LSD(0.10)	8.3	2.1	5	2.5	1.2	5.9	5.5	NS	0.8	28.1	0.9	1.5	28.2	4.8
Data from Macon Ridge Research Station at Winnsboro and Dean Lee Research Station at Alexandria.														
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 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.														
DON is Deoxynivalenol toxin concentration from a misted and inoculated nursery.														
NS indicates that variety mean difference were not statistically significant.														