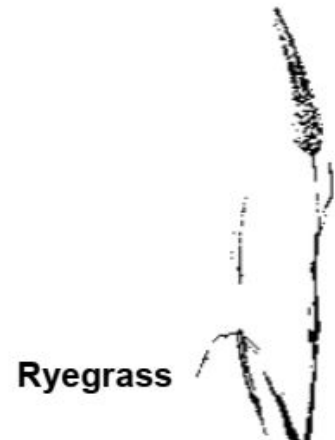


Georgia

2023-2024 Winter Grain and Forage Performance Tests

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2023-2024 Winter Grain and Forage Performance Tests

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Recommended Wheat Grain Varieties for Winter 2024-2025

Company or Brand Variety		Limestone Valley and	
		Piedmont	Coastal Plain
AgriMAXX	*AM 481	.	Yes
AgriMAXX	*AM 513	Yes ²	.
AgriMAXX	*AM 516	Yes	.
Dyna-Gro	*9002	Yes	.
Dyna-Gro	9120	Yes	.
Dyna-Gro	9172	Yes	.
Dyna-Gro	9393	Yes	.
Dyna-Gro	*9701	Yes ²	.
Dyna-Gro	9811	Yes ²	.
Dyna-Gro	*Blanton	Yes	Yes
Dyna-Gro	Plantation	.	Yes
Dyna-Gro	*Riverland	.	Yes ²
Harvey's Fertilizer	AP 1983	Yes	Yes
Mixon Seed	*AGS 2021	Yes	Yes
Mixon Seed	AGS 2024	Yes	Yes
Mixon Seed	*AGS 3015	Yes ²	Yes ²
Mixon Seed	AGS 3022	Yes	Yes
Mixon Seed	AGS 3026	Yes ²	Yes ²
Mixon Seed	*AGS 3040	Yes	Yes
Mixon Seed	*AGS 4023	Yes	Yes
Mixon Seed	AGS 4043	Yes	Yes
Ogletree	*Johnson	Yes ¹	Yes ¹
Pioneer	*26R45	Yes	.
Progeny	#BINGO	Yes ²	.
Progeny	#BUSTER	Yes ²	.
Progeny	#CHAD	Yes ²	.
Progeny	#TURBO	Yes ²	.
Revere	2169	Yes	.
UniSouth	*USG 3329	Yes ¹	.
UniSouth	USG 3352	Yes ²	.
UniSouth	USG 3472	Yes	.
UniSouth	*USG 3640	Yes	Yes
UniSouth	USG 3752	.	Yes ²
UniSouth	USG 3783	Yes ²	.

1. Consider using a labeled fungicide; highly susceptible to powdery mildew, leaf rust, stripe rust, or crown rust if grown for grain or silage.
2. Susceptible to some Hessian fly. A neo-nicotinoid seed treatment is recommended for Hessian fly in the Coastal Plains, and for suppression of aphids and barley yellow dwarf disease statewide.

Recommended Oat Grain Varieties for Winter 2024-2025

Company or Brand Variety		Limestone Valley and Piedmont	Coastal Plain
Mixon Seed	Horizon 214	Yes ¹	Yes ¹
Mixon Seed	Horizon 306	Yes ¹	Yes ¹
Mixon Seed	Horizon 578	Yes ¹	Yes ¹
Mixon Seed	Horizon 720	.	Yes ¹
	Graham	Yes ¹	Yes ¹

1. Consider using a labeled fungicide; highly susceptible to powdery mildew, leaf rust, stripe rust, or crown rust if grown for grain or silage.

Recommended Forage Varieties for Winter 2024-2025

The recommendations below identify varieties shown to produce above-average yields when planted within the recommended time period for their species and geographic area. Columns identifying "Early" yield represent forage growth from planting to around March 1, depending on location. "Late" columns represent production from after then until regrowth was of too low quality to justify further harvest. "Season long" columns represent varieties with the highest total season yields, which may be of most interest to those who intend a single end-of-season harvest for hay or ensiling or will be supplementing feed during lower forage growth periods. In 2023, the USDA revised its plant hardiness zones. In the new map, Rome (Limestone Valley region) and Griffin (Piedmont region) are very close to the colder and warmer edges of Zone 8a. For variety recommendation purposes, they are reported separately due to their temperature and soil differences. Plains and Tifton are located in Zones 8b and 9a, respectively, and represent areas sometimes referred to as the upper and lower coastal plain. Of the two, Zone 9a is warmer and more humid, increasing the risk of foliar diseases.

Company	Variety	Zone 9a			Zone 8b			Piedmont			Limestone Valley		
		Early	Late	Long	Early	Late	Long	Early	Late	Long	Early	Late	Long
<u>Ryegrass</u>													
DLF	Andes	Yes	Yes	.	.	Yes	Yes	Yes	Yes	Yes	.	Yes	Yes
DLF	Angusta	Yes	Yes	Yes	.	.	.	.	Yes	.	.	.	.
DLF	Credence	.	.	Yes	.	.	.	.	Yes	.	.	Yes	Yes
DLF	Diamond T	Yes	Yes	Yes	.	.	.	Yes	.	Yes	.	.	.
DLF	Double Diamond	Yes	.	.	Yes	.	.	.	.	.	Yes	.	.
DLF	Flying A	Yes	.	Yes	Yes	Yes	Yes	Yes	.	Yes	Yes	.	Yes
DLF	TAMTBO	Yes	Yes	.	.	Yes	.	.	.	.	.	.	.
DLF	Triangle T	Yes	Yes	Yes	Yes	.	.	Yes	Yes	Yes	.	.	.
DLF	Winterhawk	Yes	.	.	.	Yes	.	Yes	Yes	Yes	.	.	.
GO Seed	Lonestar	Yes	Yes	Yes	Yes	Yes	Yes	.	.	.	Yes	.	.
GO Seed	Tetrastar	Yes	.	Yes	Yes	.	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Lewis Seed	Grits Diploid	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
MVS	Centurion	.	.	.	Yes	Yes	Yes	.	.	.	Yes	Yes	Yes
MVS	Ranahan	.	Yes	.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Wax Seed	Jackson	.	.	.	.	.	.	.	Yes	.	.	Yes	.
Wax Seed	Nelson Tetraploid	Yes	Yes	Yes	Yes	.	.	.	.	.	.	.	.
Wax Seed	Wax Marshall	.	Yes	.	.	.	.	.	.	.	.	Yes	.

Oats

Mixon Seed	*Horizon 214	.	Yes	.	.	Yes	Yes	.	Yes	.
Mixon Seed	*Horizon 306	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Mixon Seed	*Horizon 578	.	Yes	.	.	.	.	.	Yes	Yes
Mixon Seed	*Horizon 720	Yes	.	.	Yes	.	.	.	.	.
Trical Superior	*Trical Cadillac	Yes	.	Yes	Limited data available			Yes	Yes	Yes

*All oat varieties listed above are susceptible to crown rust. Avoid planting outside recommended window. Legend 567, and LA99016 have performed well in the past, but not been recently evaluated.

Rye

GSDC	Wrens Abruzzi	Yes	.	Yes	Yes	.	Yes	Yes	Yes	Yes
Kelly Seed	Kelly Grazer III	.	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Bates RS4, Elbon, and FL 401 have performed well in the past, but not been recently evaluated.

Recommended Forage Varieties for Winter 2024-2025

Company	Variety	Zone 9a			Zone 8b			Piedmont		
		Early	Late	Long	Early	Late	Long	Early	Late	Long
		<u>Triticale</u>								
TriCal Superior	FL 1143	Yes	.	.	Yes	.	.	Yes	.	.
TriCal Superior	TriCal 342	Yes	.	.	Yes	.	Yes	Yes	Yes	
NCFSPI	*NCPT01-1433	.	Yes	.	.	Yes	.	Yes	Yes	Yes
TriCal Superior	TriCal HTF	.	Yes	Yes	Yes	.	.	.	Yes	Yes
TriCal Superior	TriCal HTS	Yes	Yes	Yes	Limited data available			.	Yes	Yes
TriCal Superior	Surge	Yes	Yes	Yes	.	Yes	Yes	Yes	.	.

*Susceptible to Hessian fly. Avoid early plantings in the Coastal Plain.

Wheat

ForageXtreme	30-06	.	Yes	.	.	Yes	.	.	.	Yes	.
Mixon Seed	AGS 2024	Yes	.	Yes	Yes	.	Yes	Yes	Yes	.	.
Mixon Seed	AGS 4023	Yes	.	.	Yes	.	.	Yes	.	.	.
Mixon Seed	AGS 4043	.	Yes	Yes	.	Yes	Yes	.	Yes	Yes	Yes
Ogletree	Johnson	.	.	.	.	.	.	.	Yes	Yes	Yes

Dyna-Gro Plantation, *Pioneer 26R10 and *Pioneer 26R41 have performed well in the past, but not been recently evaluated.

*More susceptible to foliar disease. Avoid planting outside recommended window.

North Georgia Summary: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Location			Test			Head Date	
		Rome	Griffin	Overall Avg	Weight	Height	Lodging	Rome	Griffin
		----- bu/acre -----			lb/bu	in	%	mo/day	
Commercial Varieties									
Progeny	#BUSTER	106.4	97.4	102.6	59.3	37	15	04-09	04-12
Progeny	#TURBO	106.9	98.1	101.8	60.0	41	33	04-09	04-06
Southern Harvest	SH 5550	100.2	92.6	97.6	60.2	40	13	04-11	04-03
Mixon Seed	AGS 3022	90.0	99.4	96.4	60.8	38	49	04-14	03-30
Revere	2169	102.0	87.4	96.2	57.0	38	40	04-16	04-14
Dyna-Gro	9811	94.8	95.5	93.8	56.5	38	35	04-14	04-08
Progeny	#CHAD	90.0	99.1	92.7	56.5	35	51	04-12	04-03
KWS Cereals	KWS397	88.5	98.0	92.7	55.3	39	23	04-13	04-12
Dyna-Gro	9551	86.8	92.1	92.1	55.5	36	20	04-14	04-10
Revere	2277	92.5	88.9	92.0	57.4	41	36	04-18	04-16
UniSouth	USG 3472	99.2	84.4	90.8	56.1	37	18	04-14	04-14
Dyna-Gro	9120	94.0	89.0	90.7	58.5	37	25	04-11	04-13
Mixon Seed	AGS 3026	87.8	86.3	90.0	57.3	40	48	04-18	04-13
Stratton Seed	Go Wheat 6000	80.4	97.7	89.8	56.7	38	20	04-13	04-05
Mixon Seed	AGS 2024	88.7	92.6	89.0	57.4	36	53	04-16	04-09
Mixon Seed	AGS 4043	80.0	92.6	88.7	56.8	36	53	04-13	04-03
Dyna-Gro	9393	92.1	83.1	88.2	56.2	37	48	04-17	04-13
KWS Cereals	KWS543	85.1	89.2	88.1	56.0	37	35	04-15	04-14
Harvey's Fertilizer	AP 1983	83.8	90.3	88.0	56.8	40	25	04-12	04-03
UniSouth	USG 3783	85.2	88.6	87.1	55.7	37	23	04-18	04-15
Ogletree	Johnson	80.0	89.0	86.8	56.0	38	40	04-13	04-06
Dyna-Gro	9172	95.1	80.7	86.3	54.7	39	5	04-15	04-14
UniSouth	USG 3352	87.5	85.5	86.2	53.3	40	8	04-16	04-16
UniSouth	USG 3884	84.0	86.7	86.0	55.3	39	13	04-12	04-14
UniSouth	USG 3673	85.1	87.0	85.3	55.9	37	43	04-19	04-09
Mixon Seed	AGS 4023	82.4	83.4	85.2	57.8	37	38	04-16	04-11
Progeny	#BINGO	80.9	87.7	84.3	54.7	37	23	04-13	04-16
Dyna-Gro	9701	81.4	86.8	83.3	55.7	38	18	04-15	04-14
UniSouth	USG 3574	92.1	66.9	82.8	54.2	37	59	04-16	04-14
KWS Cereals	KWS542	87.0	77.3	81.4	56.6	38	6	04-07	04-13
Dyna-Gro	9533	75.5	85.0	80.1	53.4	36	15	04-17	04-12
Dyna-Gro	9593	70.5	91.6	79.3	53.3	37	33	04-16	04-13
GSDC	GA Gore	66.0	70.4	69.8	48.6	41	36	04-05	04-02
Experimentals									
Virginia Tech	VA19FHB-36	104.0	106.0	104.7	58.6	43	10	04-13	04-06
SunGrains	SCLA19WF2110	98.9	96.1	98.1	58.8	40	20	04-08	04-03
SunGrains	GA131176-22E8	86.6	105.7	97.6	58.4	39	0	04-14	04-02
Virginia Tech	VA19W-29	98.7	93.2	96.5	55.5	39	30	04-13	04-09
SunGrains	LA17179SSP-32-3	95.7	98.8	96.4	58.3	38	35	04-13	03-30
SunGrains	GANC12915-21E3	90.3	102.1	95.7	57.7	37	11	04-12	04-04
SunGrains	SCLA18WF0108-12-1	95.3	91.6	95.5	59.0	40	19	04-12	04-08
SunGrains	GA15577-22LE38	94.0	97.6	94.4	57.1	39	38	04-17	04-09
SunGrains	GA161058-23E14	93.3	94.5	93.7	56.8	39	15	04-11	04-10
SunGrains	SCLANC11558-33	85.2	100.8	93.4	57.5	38	18	04-15	04-01
SunGrains	GA17034ID-23LE29	100.8	91.3	92.8	58.2	38	40	04-13	04-13
SunGrains	NC14706-25	92.2	94.6	91.9	57.4	41	28	04-17	04-07
SunGrains	SCGA151058-2	91.3	93.2	91.7	58.2	39	23	04-18	04-04
SunGrains	GA15028-23E2	89.3	90.8	90.1	57.7	37	30	04-11	04-03
Progeny	PGX 22-3	85.9	95.2	89.8	55.4	36	43	04-18	04-15
SunGrains	GA151450-22LE29	86.8	97.5	89.5	55.7	37	11	04-15	04-13
SunGrains	NC16VT30-7-47	92.9	84.5	89.3	58.6	37	20	04-11	04-12
Virginia Tech	15VTK-1-101	87.1	92.0	89.1	56.3	34	28	04-19	04-13
SunGrains	NC14757LDH-44	84.9	92.5	89.1	56.9	38	25	04-11	04-12
SunGrains	GA12230-20E36	82.0	89.3	89.0	56.6	37	18	04-14	04-03

North Georgia Summary: Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Location			Test			Head Date	
		Rome	Griffin	Overall Avg	Weight	Height	Lodging	Rome	Griffin
		----- bu/acre -----			lb/bu	in	%	mo/day	
SunGrains	GA151433-22LE27	85.0	92.3	88.8	57.6	38	18	04-15	04-11
SunGrains	LA15203-LDH197	95.6	84.9	88.7	57.2	41	25	04-11	04-05
SunGrains	GA161243-23E47	82.8	90.9	88.7	57.1	39	43	04-11	04-07
SunGrains	LA14272C-86-3-1-3	91.8	82.1	88.6	59.8	40	16	04-10	04-04
SunGrains	GA16388-23LE6	93.3	85.4	88.4	57.7	37	48	04-15	04-11
SunGrains	GA15490ID-21LE2	85.2	96.6	88.3	55.0	38	28	04-13	04-12
SunGrains	GA141028-22LE25	78.5	91.9	87.2	55.9	37	29	04-19	04-12
SunGrains	SCLA18WF0705-4	88.0	88.1	87.1	57.7	39	40	04-06	04-08
SunGrains	GA18117-23E37F	89.2	88.5	86.9	56.6	37	13	04-13	04-07
SunGrains	GA17393DH-22E1	76.6	99.8	86.6	55.4	37	25	04-15	04-02
SunGrains	GA17023ID-23LE34	91.8	86.0	86.0	56.1	39	30	04-13	04-12
SunGrains	GA161047-23LE24	82.0	88.0	85.7	55.4	40	23	04-12	04-07
SunGrains	GA16556-23LE25	80.1	89.8	85.3	56.1	38	48	04-14	04-10
SunGrains	GA16327ID-23LE2	78.8	84.5	85.3	55.7	38	25	04-13	04-13
SunGrains	TX20D5145	81.6	91.4	85.1	56.3	39	23	04-12	04-08
SunGrains	LA18003-NDH119	87.0	86.4	85.1	57.2	40	0	04-11	04-08
SunGrains	GA17371ID-23E23	78.8	92.4	84.1	56.5	39	19	04-11	04-08
SunGrains	GA17389ID-23LE39F	79.9	91.6	84.1	56.7	39	8	04-12	04-03
SunGrains	GA16305-23LE42	75.5	83.8	83.6	56.7	39	69	04-14	04-08
SunGrains	GA15560-22E18	80.2	89.4	82.2	55.2	35	20	04-12	04-06
SunGrains	NC15305-43	84.8	74.9	82.1	56.9	38	45	04-12	04-12
SunGrains	GA161198-23LE14F	81.9	82.3	82.1	56.7	38	55	04-14	04-10
SunGrains	NC20-21971	72.1	92.3	81.9	58.6	43	48	04-11	04-09
SunGrains	GA151313-20E48	73.2	88.2	81.8	54.8	34	36	04-18	04-13
SunGrains	GA141045-21LE7	78.8	79.8	79.6	56.5	39	18	04-14	04-13
SunGrains	NC11546-14	78.6	80.5	79.2	52.3	39	60	04-08	04-10
SunGrains	NC18-16900	76.4	80.0	78.9	55.1	40	9	04-10	04-12
SunGrains	GA101153-22LE24F	74.2	88.1	78.9	56.1	39	40	04-13	04-07
SunGrains	GA15277-1ID-22LE7	69.7	88.9	77.6	54.1	37	41	04-15	04-06
SunGrains	GA151055-23E48	71.2	85.7	76.8	52.1	37	40	04-15	04-14
SunGrains	GA16349ID-22LE31	69.3	87.2	76.4	52.5	37	45	04-16	04-14
SunGrains	GA131246LDH-21E2	62.7	85.5	75.3	51.5	38	20	04-14	04-10
SunGrains	NC13217-2111	65.3	81.2	71.7	53.5	40	39	04-14	04-12
SunGrains	TX20D5143	63.4	76.2	71.2	51.9	37	18	04-20	04-20
NCFSPI	ARS16W1067	66.5	74.0	69.2	51.9	40	6	04-19	04-13
Average		85.3	89.3	87.3	56.3	38	29	04-14	04-09
LSD at 10% Level		6.9	6.2	6.0	2.3	5	21	4	3
Model R-squared		0.75	0.59	0.41	0.35	0.37	0.64	-	0.93
C.V.		8.85	7.65	10.73	6.28	14.07	80.15	0.0	0

South Georgia Summary: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Location					Test Weight lb/bu	Head Date	
		Midville	Plains	Plains fung.	Tifton	Overall Avg		Plains	Tifton
		----- bu/acre -----					mo/day		
Commercial Varieties									
Progeny	#CHAD	83.7	112.1	109.4	97.2	100.6	53.1	03-27	03-24
Mixon Seed	AGS 3022	90.3	104.0	104.4	109.7	98.8	56.2	03-26	03-23
Mixon Seed	AGS 2024	79.4	91.9	91.7	112.0	95.6	54.3	03-31	03-21
Dyna-Gro	Plantation	83.4	102.4	94.4	98.5	95.0	55.0	03-24	03-23
UniSouth	USG 3752	83.4	91.7	87.9	111.4	94.4	54.9	03-30	03-24
Mixon Seed	AGS 4043	80.9	100.5	95.6	93.2	94.2	55.3	03-28	03-26
Harvey's Fertilizer	AP 1983	92.3	97.5	102.5	82.1	94.2	54.4	04-01	03-23
Stratton Seed	Go Wheat 6000	87.4	105.1	110.4	81.2	93.8	54.4	03-31	03-22
Southern Harvest	SH 5550	90.2	89.8	102.0	98.2	93.4	53.7	03-27	03-24
Progeny	#TURBO	69.7	88.7	93.5	103.0	87.8	53.6	04-02	03-27
Progeny	#BUSTER	73.3	101.0	96.5	75.1	86.8	53.6	04-07	04-01
Mixon Seed	AGS 4023	70.7	89.7	94.6	101.8	86.6	56.1	04-01	04-02
Dyna-Gro	9332	81.2	87.9	93.3	86.6	85.7	54.5	04-03	03-25
Mixon Seed	AGS 3026	64.1	82.0	85.9	83.5	79.9	51.8	04-01	03-27
Revere	2848	67.7	84.2	88.2	68.5	77.8	49.9	04-12	04-10
Progeny	#BINGO	74.3	89.7	85.7	44.3	73.5	50.1	04-12	04-07
GSDC	GA Gore	65.6	82.0	73.8	73.1	72.5	51.8	03-26	03-23
Revere	2169	78.6	84.8	90.2	43.0	72.3	47.5	04-11	04-07
Revere	2277	55.6	63.5	59.1	30.6	53.1	37.8	04-15	04-11
Experimentals									
SunGrains	GA151313-20E48-GSD23	94.6	107.0	125.2	115.3	110.9	55.0	04-03	03-27
SunGrains	GA161058-23E14	92.7	110.1	96.1	126.9	107.2	55.6	03-31	03-26
SunGrains	LA19333NDH-31	89.0	113.1	103.8	128.2	106.2	55.8	03-26	03-23
SunGrains	SCLANC11558-33	87.7	109.5	102.9	108.2	104.7	56.0	03-28	03-24
SunGrains	GA18117-23E37F	95.9	99.9	104.1	110.2	104.6	54.9	03-27	03-23
SunGrains	GA151313-20E48	95.1	102.6	104.2	118.7	104.1	55.1	04-01	03-26
SunGrains	GA131176-22E8	102.2	97.9	117.7	108.2	102.4	55.7	03-26	03-21
SunGrains	GA12230-20E36	79.6	106.0	110.4	113.8	102.4	55.0	03-27	03-25
SunGrains	NC14706-25	84.2	100.5	101.7	115.0	102.4	54.1	03-31	03-29
SunGrains	LA15203-LDH197	88.0	101.7	98.4	115.1	102.0	54.0	04-02	03-30
SunGrains	LA17179SSP-32-3	93.2	106.6	102.7	101.4	101.8	54.8	03-25	03-22
SunGrains	TX20D5145	83.6	109.2	102.4	102.2	101.4	53.6	04-01	03-26
SunGrains	GA17034ID-23LE29	83.0	107.8	104.4	108.9	101.4	55.8	03-30	03-29
SunGrains	SCGA151058-2	82.0	102.8	103.7	108.7	99.4	55.7	03-30	03-27
SunGrains	GA17393DH-22E1	98.2	105.4	106.3	89.3	99.3	54.7	03-25	03-21
SunGrains	GA17371ID-23E23	83.6	107.6	101.2	99.6	98.5	55.9	03-31	03-26
SunGrains	GA161243-23E47	91.2	106.2	102.5	95.8	98.5	54.2	03-28	03-24
SunGrains	GA16305-23LE42	66.8	105.0	105.4	104.3	98.1	55.0	03-30	03-30
SunGrains	SCLA18WF0108-12-1	78.6	104.7	111.1	105.7	97.9	54.7	03-31	03-30
SunGrains	LA19333NDH-34	80.2	96.9	104.5	102.1	97.3	54.8	03-31	03-28
SunGrains	GA15028-23E2	82.5	90.8	109.7	105.1	97.1	55.3	03-27	03-27
SunGrains	LA18003-NDH119	84.6	101.0	97.6	97.4	95.9	54.6	03-30	03-23
SunGrains	GA141028-22LE25	78.2	97.4	106.0	95.6	95.7	53.5	04-02	04-03
SunGrains	GANC12915-21E3	86.8	97.9	107.2	99.7	95.6	53.6	03-28	03-25
SunGrains	SCLA18WF0705-4	88.7	99.4	102.7	91.0	95.4	56.6	03-29	03-27
SunGrains	GA16388-23LE6	82.6	96.7	98.2	98.2	95.3	55.5	04-02	03-31
SunGrains	GA15277-11D-22LE7	80.3	93.1	94.6	113.3	94.7	54.1	03-29	03-21
SunGrains	GA15490ID-21LE2	90.4	98.4	91.9	95.6	94.5	54.1	04-01	03-30
Virginia Tech	VA19W-29	87.5	102.6	106.5	93.0	94.0	53.4	04-01	03-29
SunGrains	GA15577-22LE38	84.7	92.3	97.4	94.0	93.9	54.6	04-05	03-30
SunGrains	SCLA19WF2110	81.3	104.0	90.7	94.7	93.3	55.1	04-02	03-30
Virginia Tech	15VTK-1-101	90.5	94.3	95.1	94.3	92.4	52.1	04-02	04-03

South Georgia Summary: Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Location					Test Weight lb/bu	Head Date	
		Midville	Plains	Plains fung.	Tifton	Overall Avg		Plains	Tifton
		----- bu/acre -----					mo/day		
SunGrains	GA151450-22LE29	79.2	89.6	89.5	94.3	92.0	52.2	04-01	03-31
SunGrains	GA15560-22E18	86.5	99.9	98.6	90.0	91.9	53.6	03-27	03-27
SunGrains	GA16327ID-23LE2	79.1	98.1	100.2	94.2	91.5	53.8	04-02	03-31
SunGrains	GA17389ID-23LE39F	74.7	98.8	97.7	93.3	91.5	55.5	04-01	03-31
SunGrains	GA151433-22LE27	77.0	95.4	97.3	92.3	91.2	54.2	04-02	04-01
Virginia Tech	VA19FHB-36	71.4	92.9	106.2	94.9	90.3	53.5	03-31	03-27
Progeny	PGX 22-3	81.9	96.2	94.9	85.6	89.9	51.0	04-06	04-04
SunGrains	GA131246LDH-21E2	86.6	97.6	65.1	90.2	89.1	52.3	03-30	03-24
SunGrains	GA141045-21LE7	78.1	95.4	89.3	96.0	88.7	55.3	04-01	04-02
SunGrains	GA161198-23LE14F	74.1	82.2	88.7	102.7	87.9	54.6	03-31	03-28
SunGrains	NC16VT30-7-47	71.4	84.2	91.5	92.4	87.1	54.2	04-07	04-05
SunGrains	GA17023ID-23LE34	80.5	90.3	92.5	79.2	87.0	51.9	04-01	04-01
SunGrains	LA14272C-86-3-1-3	73.7	87.5	96.0	87.3	85.9	56.7	03-30	03-28
SunGrains	GA16556-23LE25	71.5	88.0	92.4	93.8	85.2	54.9	04-01	03-30
SunGrains	GA151055-23E48	74.2	82.0	84.6	98.3	84.8	53.7	04-03	04-03
SunGrains	NC14757LDH-44	70.8	86.1	87.9	98.2	84.7	53.0	04-07	04-03
SunGrains	GA16349ID-22LE31	75.0	91.8	93.2	74.0	84.4	49.1	04-04	04-03
SunGrains	TX20D5143	59.4	94.8	84.0	86.1	81.1	48.1	04-12	04-11
SunGrains	NC20-21971	69.9	80.0	88.7	78.2	80.5	53.6	04-06	04-04
SunGrains	GA161047-23LE24	78.1	78.6	85.7	88.1	79.5	51.2	03-29	03-25
SunGrains	GA101153-22LE24F	67.9	84.4	83.5	81.5	79.0	55.0	03-31	03-28
NCFSPI	ARS16W1067	55.8	71.6	73.1	70.6	66.5	51.9	04-05	04-01
SunGrains	NC11546-14	49.0	52.1	65.5	70.7	58.3	49.6	04-04	04-03
SunGrains	NC18-16900	41.6	54.1	49.9	64.6	50.9	45.6	04-06	04-05
Average		79.6	94.5	95.5	93.9	90.6	53.2	03-31	03-28
LSD at 10% Level		7.1	7.4	11.8	10.6	6.2	2.7	-	-
Model R-squared		0.88	0.86	0.55	0.84	0.51	0.29	-	-
C.V.		9.79	8.57	13.58	12.35	15.02	11.05	-	-

Rome, Georgia: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year				Test			Head Date	Awned ?
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
Commercial Varieties										
Progeny	#TURBO	106.9	90.1	130.5	120.5	59.7	41	57	04-09	No
UniSouth	USG 3472	99.2	107.8	105.3	147.3	56.2	37	43	04-14	Yes
Dyna-Gro	9172	95.1	116.3	119.0	141.3	56.6	41	18	04-15	Yes
Dyna-Gro	9811	94.8	112.1	111.5	137.9	55.6	38	51	04-14	Yes
Dyna-Gro	9120	94.0	118.8	118.7	145.8	58.0	39	36	04-11	Yes
Mixon Seed	AGS 3022	90.0	66.5	104.7	121.4	58.9	36	63	04-14	Yes
Mixon Seed	AGS 2024	88.7	88.1	115.0	111.3	56.5	36	60	04-16	Yes
Mixon Seed	AGS 3026	87.8	109.0	117.4	114.8	56.4	38	67	04-18	Yes
UniSouth	USG 3352	87.5	112.9	115.7	134.6	55.3	39	39	04-16	Yes
Mixon Seed	AGS 4023	82.4	86.9	109.2	120.9	55.4	38	60	04-16	Yes
Progeny	#BINGO	80.9	103.0	113.6	139.9	52.8	38	57	04-13	Yes
Stratton Seed	Go Wheat 6000	80.4	90.7	111.1	129.3	54.5	39	45	04-13	Yes
Ogletree	Johnson	80.0	90.5	118.7	134.1	54.6	38	77	04-13	Yes
Mixon Seed	AGS 4043	80.0	95.4	122.0	112.8	57.5	35	66	04-13	Yes
Progeny	#BUSTER	106.4	127.7	122.4	.	59.0	36	34	04-09	Yes
Revere	2169	102.0	.	111.6	135.1	57.0	37	63	04-16	Yes
Dyna-Gro	9393	92.1	107.4	111.6	.	55.7	37	46	04-17	Yes
Progeny	#CHAD	90.0	93.0	118.6	.	55.6	41	87	04-12	No
UniSouth	USG 3783	85.2	101.4	131.5	.	54.6	38	42	04-18	Yes
Harvey's Fertilizer	AP 1983	83.8	95.2	.	117.9	54.4	38	62	04-12	Yes
Dyna-Gro	9701	81.4	102.9	117.0	.	54.8	37	51	04-15	Yes
GSDC	GA Gore	66.0	54.0	.	96.8	50.5	41	37	04-05	No
Southern Harvest	SH 5550	100.2	.	.	119.9	60.0	41	34	04-11	Yes
KWS Cereals	KWS397	88.5	109.4	.	.	54.7	39	60	04-13	No
Revere	2277	92.5	.	.	.	57.2	40	53	04-18	Yes
UniSouth	USG 3574	92.1	.	.	.	54.8	38	41	04-16	No
KWS Cereals	KWS542	87.0	.	.	.	56.8	38	32	04-07	Yes
Dyna-Gro	9551	86.8	.	.	.	53.9	37	55	04-14	Yes
KWS Cereals	KWS543	85.1	.	.	.	54.3	37	68	04-15	Yes
UniSouth	USG 3673	85.1	.	.	.	55.5	40	38	04-19	No
UniSouth	USG 3884	84.0	.	.	.	54.7	40	19	04-12	Yes
Dyna-Gro	9533	75.5	.	.	.	51.6	37	42	04-17	No
Dyna-Gro	9593	70.5	.	.	.	51.6	38	43	04-16	Yes
Experimentals										
SunGrains	SCLANC11558-33	85.2	93.2	128.5	113.8	54.7	37	63	04-15	Yes
SunGrains	GA12230-20E36	82.0	94.6	110.0	134.5	54.9	37	62	04-14	Yes
SunGrains	NC11546-14	78.6	90.2	110.1	96.8	47.2	39	69	04-08	Yes
SunGrains	GA151313-20E48	73.2	99.6	124.9	131.5	53.3	38	61	04-18	Yes
SunGrains	GANC12915-21E3	90.3	106.5	114.3	.	57.7	39	28	04-12	No
SunGrains	GA15490ID-21LE2	85.2	112.5	113.2	.	55.3	38	60	04-13	Yes
SunGrains	GA141045-21LE7	78.8	73.2	114.3	.	55.8	37	27	04-14	Yes
Virginia Tech	VA19W-29	98.7	100.5	.	.	56.5	39	60	04-13	Yes
SunGrains	GA15577-22LE38	94.0	107.8	.	.	58.3	38	61	04-17	Yes
SunGrains	SCGA151058-2	91.3	99.7	.	.	57.6	39	47	04-18	Yes
Virginia Tech	15VTK-1-101	87.1	93.6	.	.	54.3	35	63	04-19	Yes
SunGrains	GA151450-22LE29	86.8	106.4	.	.	53.0	36	37	04-15	Yes
SunGrains	GA131176-22E8	86.6	80.4	.	.	55.5	38	19	04-14	Yes
SunGrains	GA151433-22LE27	85.0	98.8	.	.	55.7	39	18	04-15	Yes
SunGrains	GA15560-22E18	80.2	79.9	.	.	55.4	35	52	04-12	No
SunGrains	GA141028-22LE25	78.5	103.8	.	.	53.3	39	63	04-19	Yes
SunGrains	GA17393DH-22E1	76.6	77.6	.	.	51.9	42	56	04-15	Yes
SunGrains	GA101153-22LE24F	74.2	82.5	.	.	53.7	38	69	04-13	Yes
SunGrains	GA15277-1ID-22LE7	69.7	92.4	.	.	51.2	38	76	04-15	Yes
SunGrains	GA16349ID-22LE31	69.3	113.0	.	.	49.2	36	78	04-16	Yes
SunGrains	NC13217-2111	65.3	.	115.6	.	51.2	41	74	04-14	No

Rome, Georgia: Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Harvest Year				Test			Head Date	Awned ?
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
Virginia Tech	VA19FHB-36	104.0	.	.	.	58.2	41	15	04-13	Yes
SunGrains	GA17034ID-23LE29	100.8	.	.	.	58.2	39	55	04-13	Yes
SunGrains	SCLA19WF2110	98.9	.	.	.	58.4	38	52	04-08	Yes
SunGrains	LA17179SSP-32-3	95.7	.	.	.	58.0	37	51	04-13	Yes
SunGrains	LA15203-LDH197	95.6	.	.	.	56.8	43	40	04-11	Yes
SunGrains	SCLA18WF0108-12-1	95.3	.	.	.	58.0	41	40	04-12	Yes
SunGrains	GA16388-23LE6	93.3	.	.	.	58.1	39	50	04-15	Yes
SunGrains	GA161058-23E14	93.3	.	.	.	56.7	39	47	04-11	Yes
SunGrains	NC16VT30-7-47	92.9	.	.	.	59.0	39	28	04-11	Small
SunGrains	NC14706-25	92.2	.	.	.	56.6	42	46	04-17	Yes
SunGrains	LA14272C-86-3-1-3	91.8	.	.	.	59.7	40	17	04-10	Yes
SunGrains	GA17023ID-23LE34	91.8	.	.	.	56.1	41	40	04-13	Yes
SunGrains	GA15028-23E2	89.3	.	.	.	57.1	38	38	04-11	No
SunGrains	GA18117-23E37F	89.2	.	.	.	56.9	37	34	04-13	Yes
SunGrains	SCLA18WF0705-4	88.0	.	.	.	58.2	39	58	04-06	Yes
SunGrains	LA18003-NDH119	87.0	.	.	.	56.1	41	34	04-11	Yes
Progeny	PGX 22-3	85.9	.	.	.	52.7	37	72	04-18	Yes
SunGrains	NC14757LDH-44	84.9	.	.	.	54.8	39	43	04-11	Small
SunGrains	NC15305-43	84.8	.	.	.	56.3	39	59	04-12	Yes
SunGrains	GA161243-23E47	82.8	.	.	.	54.8	39	60	04-11	Yes
SunGrains	GA161047-23LE24	82.0	.	.	.	54.0	40	42	04-12	Yes
SunGrains	GA161198-23LE14F	81.9	.	.	.	56.5	40	72	04-14	No
SunGrains	TX20D5145	81.6	.	.	.	55.2	39	61	04-12	Yes
SunGrains	GA16556-23LE25	80.1	.	.	.	54.2	38	75	04-14	Yes
SunGrains	GA17389ID-23LE39F	79.9	.	.	.	54.4	40	49	04-12	No
SunGrains	GA16327ID-23LE2	78.8	.	.	.	51.9	37	49	04-13	Yes
SunGrains	GA17371ID-23E23	78.8	.	.	.	55.6	39	39	04-11	Yes
SunGrains	NC18-16900	76.4	.	.	.	52.7	39	47	04-10	No
SunGrains	GA16305-23LE42	75.5	.	.	.	54.0	40	79	04-14	Yes
SunGrains	NC20-21971	72.1	.	.	.	54.7	39	72	04-11	No
SunGrains	GA151055-23E48	71.2	.	.	.	51.6	38	70	04-15	Yes
NCFSPI	ARS16W1067	66.5	.	.	.	47.2	38	35	04-19	Yes
SunGrains	TX20D5143	63.4	.	.	.	47.7	37	44	04-20	Yes
SunGrains	GA131246LDH-21E2	62.7	.	.	.	49.5	37	60	04-14	Yes
Average		85.3	91.7	114.2	124.5	55.1	39	51	04-14	-
LSD at 10% Level		6.9	13.7	14.4	12.0	3.1	3	26	4	-
Model R-squared		0.75	0.73	0.47	0.70	0.56	0.89	0.46	-	-
C.V.		8.9	16.4	13.9	10.6	6.1	7.6	56.8	0.0	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 9, 2023.

Harvested: June 11, 2024.

Seeding Rate: 105 lbs/acre in 7" rows.

Soil Type: Wax loam.

Previous Crop: Ryegrass.

Soil Test: P₂O₅ = 57, K₂O = 155, and pH = 6.4.

Fertilization: Preplant: 71 lb N, 92 lb P₂O₅, and 102 lb K₂O/acre. Topdress: 35 lb N/acre.

Management: Conventional tillage. Harmony and Zidua used for weed control.

Test conducted by G. Ware, M. Tucker and T. Turnquist.

Griffin, Georgia: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year				Test			Head Date	Awned ?
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
Commercial Varieties										
Mixon Seed	AGS 3022	99.4	88.3	57.6	104.5	63.2	39	0	03-30	Yes
Progeny	#TURBO	98.1	91.7	72.7	97.5	60.1	41	0	04-06	No
Stratton Seed	Go Wheat 6000	97.7	78.4	44.8	104.6	58.7	40	9	04-05	Yes
Dyna-Gro	9811	95.5	86.2	82.3	107.5	58.0	39	0	04-08	Yes
Mixon Seed	AGS 2024	92.6	83.4	47.6	121.0	61.3	36	15	04-09	Yes
Mixon Seed	AGS 4043	92.6	94.4	69.1	93.5	56.2	34	12	04-03	Yes
Dyna-Gro	9120	89.0	87.8	85.8	104.2	59.4	33	0	04-13	Yes
Ogletree	Johnson	89.0	88.3	61.6	93.8	56.4	37	39	04-06	Yes
Progeny	#BINGO	87.7	87.2	79.2	94.9	57.3	36	8	04-16	Yes
Mixon Seed	AGS 3026	86.3	76.9	57.4	109.4	58.5	39	11	04-13	Yes
UniSouth	USG 3352	85.5	84.0	83.8	99.8	52.6	37	8	04-16	Yes
UniSouth	USG 3472	84.4	77.8	92.5	119.0	56.3	36	5	04-14	Yes
Mixon Seed	AGS 4023	83.4	101.0	68.2	105.6	59.2	38	13	04-11	Yes
Dyna-Gro	9172	80.7	96.6	100.5	110.7	53.3	38	0	04-14	Yes
Progeny	#CHAD	99.1	75.7	62.0	.	60.1	35	4	04-03	No
Progeny	#BUSTER	97.4	92.5	92.4	.	59.5	38	11	04-12	Yes
Harvey's Fertilizer	AP 1983	90.3	85.0	.	102.0	61.0	42	0	04-03	Yes
UniSouth	USG 3783	88.6	88.0	92.9	.	57.0	37	1	04-15	Yes
Revere	2169	87.4	.	106.2	109.6	56.4	38	2	04-14	Yes
Dyna-Gro	9701	86.8	91.9	79.6	.	56.6	40	3	04-14	Yes
Dyna-Gro	9393	83.1	82.3	88.7	.	56.5	37	9	04-13	Yes
GSDC	GA Gore	70.4	69.7	.	71.7	45.7	45	39	04-02	No
KWS Cereals	KWS397	98.0	72.9	.	.	56.0	37	21	04-12	No
Southern Harvest	SH 5550	92.6	.	.	103.1	59.2	37	9	04-03	Yes
Dyna-Gro	9551	92.1	.	.	.	56.2	36	5	04-10	Yes
Dyna-Gro	9593	91.6	.	.	.	54.1	37	0	04-13	Yes
KWS Cereals	KWS543	89.2	.	.	.	56.8	36	13	04-14	Yes
Revere	2277	88.9	.	.	.	56.9	41	2	04-16	Yes
UniSouth	USG 3673	87.0	.	.	.	59.0	36	7	04-09	No
UniSouth	USG 3884	86.7	.	.	.	56.4	39	0	04-14	Yes
Dyna-Gro	9533	85.0	.	.	.	56.6	35	5	04-12	No
KWS Cereals	KWS542	77.3	.	.	.	56.6	38	0	04-13	Yes
UniSouth	USG 3574	66.9	.	.	.	51.9	37	17	04-14	No
Experimentals										
SunGrains	SCLANC11558-33	100.8	86.1	77.0	93.4	58.9	38	11	04-01	Yes
SunGrains	GA12230-20E36	89.3	82.8	54.7	92.8	56.8	38	21	04-03	Yes
SunGrains	GA151313-20E48	88.2	92.2	69.3	109.8	52.9	32	3	04-13	Yes
SunGrains	NC11546-14	80.5	86.5	77.5	90.9	57.5	40	25	04-10	Yes
SunGrains	GANC12915-21E3	102.1	86.9	52.0	.	58.3	36	13	04-04	No
SunGrains	GA15490ID-21LE2	96.6	81.8	72.5	.	56.0	37	6	04-12	Yes
SunGrains	GA141045-21LE7	79.8	87.7	75.4	.	58.0	42	9	04-13	Yes
SunGrains	GA131176-22E8	105.7	82.7	.	.	60.2	40	10	04-02	Yes
SunGrains	GA17393DH-22E1	99.8	80.7	.	.	61.4	34	6	04-02	Yes
SunGrains	GA15577-22LE38	97.6	87.6	.	.	56.6	39	14	04-09	Yes
SunGrains	GA151450-22LE29	97.5	88.6	.	.	58.7	37	19	04-13	Yes
Virginia Tech	VA19W-29	93.2	99.8	.	.	53.7	39	9	04-09	Yes
SunGrains	SCGA151058-2	93.2	91.4	.	.	59.1	39	8	04-04	Yes
SunGrains	GA151433-22LE27	92.3	87.3	.	.	59.8	37	8	04-11	Yes
Virginia Tech	15VTK-1-101	92.0	83.1	.	.	58.4	34	6	04-13	Yes
SunGrains	GA141028-22LE25	91.9	96.7	.	.	57.7	34	3	04-12	Yes
SunGrains	GA15560-22E18	89.4	75.6	.	.	56.2	36	6	04-06	No
SunGrains	GA15277-1ID-22LE7	88.9	79.2	.	.	56.8	36	17	04-06	Yes
SunGrains	GA101153-22LE24F	88.1	88.9	.	.	58.5	38	6	04-07	Yes
SunGrains	GA16349ID-22LE31	87.2	87.5	.	.	56.8	39	9	04-14	Yes
SunGrains	NC13217-2111	81.2	.	66.9	.	57.7	39	19	04-12	No

Griffin, Georgia: Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Harvest Year				Test			Head Date	Awned ?
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
Virginia Tech	VA19FHB-36	106.0	.	.	.	58.1	43	0	04-06	Yes
SunGrains	LA17179SSP-32-3	98.8	.	.	.	58.9	40	8	03-30	Yes
SunGrains	SCLA19WF2110	96.1	.	.	.	57.6	40	0	04-03	Yes
Progeny	PGX 22-3	95.2	.	.	.	59.2	35	1	04-15	Yes
SunGrains	NC14706-25	94.6	.	.	.	58.0	40	7	04-07	Yes
SunGrains	GA161058-23E14	94.5	.	.	.	55.9	37	1	04-10	Yes
SunGrains	NC14757LDH-44	92.5	.	.	.	59.5	37	25	04-12	Small
SunGrains	GA17371ID-23E23	92.4	.	.	.	58.2	38	1	04-08	Yes
SunGrains	NC20-21971	92.3	.	.	.	60.6	42	25	04-09	No
SunGrains	SCLA18WF0108-12-1	91.6	.	.	.	58.6	39	0	04-08	Yes
SunGrains	GA17389ID-23LE39F	91.6	.	.	.	62.0	36	7	04-03	No
SunGrains	TX20D5145	91.4	.	.	.	57.2	40	6	04-08	Yes
SunGrains	GA17034ID-23LE29	91.3	.	.	.	61.1	38	5	04-13	Yes
SunGrains	GA161243-23E47	90.9	.	.	.	57.8	40	2	04-07	Yes
SunGrains	GA15028-23E2	90.8	.	.	.	57.2	37	13	04-03	No
SunGrains	GA16556-23LE25	89.8	.	.	.	57.7	39	8	04-10	Yes
SunGrains	GA18117-23E37F	88.5	.	.	.	57.2	34	3	04-07	Yes
SunGrains	SCLA18WF0705-4	88.1	.	.	.	56.8	40	0	04-08	Yes
SunGrains	GA161047-23LE24	88.0	.	.	.	55.8	39	0	04-07	Yes
SunGrains	LA18003-NDH119	86.4	.	.	.	57.4	40	4	04-08	Yes
SunGrains	GA17023ID-23LE34	86.0	.	.	.	56.1	36	4	04-12	Yes
SunGrains	GA151055-23E48	85.7	.	.	.	53.5	36	12	04-14	Yes
SunGrains	GA131246LDH-21E2	85.5	.	.	.	53.7	37	7	04-10	Yes
SunGrains	GA16388-23LE6	85.4	.	.	.	57.2	38	9	04-11	Yes
SunGrains	LA15203-LDH197	84.9	.	.	.	57.7	39	8	04-05	Yes
SunGrains	NC16VT30-7-47	84.5	.	.	.	56.4	36	16	04-12	Small
SunGrains	GA16327ID-23LE2	84.5	.	.	.	58.9	39	14	04-13	Yes
SunGrains	GA16305-23LE42	83.8	.	.	.	58.4	36	24	04-08	Yes
SunGrains	GA161198-23LE14F	82.3	.	.	.	56.7	38	17	04-10	No
SunGrains	LA14272C-86-3-1-3	82.1	.	.	.	58.7	40	0	04-04	Yes
SunGrains	NC18-16900	80.0	.	.	.	56.5	41	19	04-12	No
SunGrains	TX20D5143	76.2	.	.	.	55.4	38	2	04-20	Yes
SunGrains	NC15305-43	74.9	.	.	.	56.9	38	18	04-12	Yes
NCFSPI	ARS16W1067	74.0	.	.	.	57.3	40	0	04-13	Yes
Average		89.3	84.7	66.8	97.4	57.4	38	7	04-09	-
LSD at 10% Level		6.2	10.4	10.7	11.9	3.1	3	-	3	-
Model R-squared		0.59	0.35	0.74	0.38	0.38	0.81	0.46	0.93	-
C.V.		7.7	13.5	17.6	13.5	6.0	5.3	169.0	0.0	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 6, 2024.

Harvested: May 30, 2024.

Seeding Rate: 105 lbs/acre in 7" rows.

Soil Type: Cecil sandy loam.

Previous Crop: Sorghum.

Soil Test: P₂O₅ = 69, K₂O = 285, and pH = 5.85.

Fertilization: Preplant: 24 lb N, 65 lb P₂O₅, and 202 lb K₂O/acre. Topdress: 70 lb N/acre.

Management: Conventional tillage. Harmony and Zidua used for weed control.

Test conducted by J. Arrington, G. Ware and T. Brannon.

Midville, Georgia: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year				Test			Awns Present?
		2024	2023	2022	2021	Weight	Height	Lodging	
		----- bu/acre -----				lb/bu	in	%	
Commercial Varieties									
Mixon Seed	AGS 3022	90.3	96.7	92.3	60.5	55.7	37	20	Yes
Southern Harvest	SH 5550	90.2	70.7	91.9	59.2	53.4	38	11	Yes
Stratton Seed	Go Wheat 6000	87.4	80.6	77.1	58.8	54.2	39	13	Yes
Dyna-Gro	Plantation	83.4	94.4	99.1	63.3	53.9	38	14	Yes
UniSouth	USG 3752	83.4	95.2	82.7	64.7	54.7	41	14	Yes
Mixon Seed	AGS 4043	80.9	103.7	92.5	62.1	55.7	32	8	Yes
Mixon Seed	AGS 2024	79.4	96.7	81.5	64.9	53.1	37	24	Yes
Progeny	#BINGO	74.3	60.4	79.0	62.1	48.4	34	18	Yes
Mixon Seed	AGS 4023	70.7	95.0	89.1	60.4	54.7	37	23	Yes
Progeny	#TURBO	69.7	75.0	89.2	59.9	52.3	36	15	No
Mixon Seed	AGS 3026	64.1	97.2	77.1	68.5	50.1	37	19	Yes
Harvey's	AP 1983	92.3	94.1	.	66.2	54.2	40	7	Yes
Progeny	#CHAD	83.7	74.5	77.3	.	52.3	34	26	No
Progeny	#BUSTER	73.3	88.7	97.1	.	51.5	33	16	Yes
GSDC	GA Gore	65.6	67.6	.	44.8	50.4	39	58	No
Dyna-Gro	9332	81.2	.	.	.	54.6	41	7	Yes
Revere	2169	78.6	.	.	.	51.5	35	10	Yes
Revere	2848	67.7	.	.	.	48.1	38	8	Yes
Revere	2277	55.6	.	.	.	47.1	31	23	Yes
Experimentals									
SunGrains	GA151313-20E48	95.1	107.0	91.1	69.2	55.2	33	5	Yes
SunGrains	SCLANC11558-33	87.7	110.3	98.0	66.9	55.9	36	11	Yes
SunGrains	NC11546-14	49.0	85.8	82.4	50.3	50.0	35	25	Yes
SunGrains	GA15490ID-21LE2	90.4	108.0	91.4	.	54.0	38	6	Yes
SunGrains	GANC12915-21E3	86.8	87.0	73.5	.	53.4	39	10	No
SunGrains	GA131246LDH-21E2	86.6	88.1	83.1	.	52.4	38	23	Yes
SunGrains	GA141045-21LE7	78.1	95.0	92.3	.	53.9	41	14	Yes
SunGrains	GA131176-22E8	102.2	92.0	.	.	55.2	36	14	Yes
SunGrains	GA17393DH-22E1	98.2	90.2	.	.	54.9	35	6	Yes
SunGrains	GA15560-22E18	86.5	84.5	.	.	53.6	38	16	No
SunGrains	GA15577-22LE38	84.7	96.8	.	.	53.8	39	13	Yes
SunGrains	SCGA151058-2	82.0	86.1	.	.	55.3	37	16	Yes
SunGrains	GA15277-1ID-22LE7	80.3	91.2	.	.	53.6	38	13	Yes
SunGrains	GA151450-22LE29	79.2	91.9	.	.	51.1	36	13	Yes
SunGrains	GA141028-22LE25	78.2	100.2	.	.	52.5	36	8	Yes
SunGrains	GA151433-22LE27	77.0	71.8	.	.	53.6	36	11	Yes
SunGrains	NC16VT30-7-47	71.4	85.0	.	.	52.9	35	31	Small
SunGrains	GA101153-22LE24F	67.9	86.3	.	.	54.1	39	40	Yes
SunGrains	GA18117-23E37F	95.9	.	.	.	55.6	35	10	Yes
SunGrains	GA151313-20E48-GSD23	94.6	.	.	.	54.3	34	4	Yes
SunGrains	LA17179SSP-32-3	93.2	.	.	.	55.1	37	19	Yes
SunGrains	GA161058-23E14	92.7	.	.	.	54.7	40	6	Yes
SunGrains	GA161243-23E47	91.2	.	.	.	53.8	42	14	Yes
Virginia Tech	15VTK-1-101	90.5	.	.	.	51.8	34	6	Yes
SunGrains	LA19333NDH-31	89.0	.	.	.	55.2	32	14	Yes
SunGrains	SCLA18WF0705-4	88.7	.	.	.	57.0	43	8	Yes
SunGrains	LA15203-LDH197	88.0	.	.	.	54.0	39	8	Yes
Virginia Tech	VA19W-29	87.5	.	.	.	54.0	39	9	Yes
SunGrains	LA18003-NDH119	84.6	.	.	.	54.9	39	11	Yes
SunGrains	NC14706-25	84.2	.	.	.	53.1	36	8	Yes
SunGrains	GA17371ID-23E23	83.6	.	.	.	55.7	39	13	Yes
SunGrains	TX20D5145	83.6	.	.	.	53.1	40	10	Yes
SunGrains	GA17034ID-23LE29	83.0	.	.	.	54.5	39	18	Yes
SunGrains	GA16388-23LE6	82.6	.	.	.	54.6	39	15	Yes

Midville, Georgia: Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Harvested Yield				Test			Awns
		2024	2023	2022	2021	Weight	Height	Lodging	Present?
		----- bu/acre -----				lb/bu	in	%	
SunGrains	GA15028-23E2	82.5	.	.	.	55.2	39	13	No
Progeny	PGX 22-3	81.9	.	.	.	50.5	34	9	Yes
SunGrains	SCLA19WF2110	81.3	.	.	.	55.7	38	11	Yes
SunGrains	GA17023ID-23LE34	80.5	.	.	.	51.9	38	19	Yes
SunGrains	LA19333NDH-34	80.2	.	.	.	54.5	38	3	Yes
SunGrains	GA12230-20E36	79.6	.	.	.	54.4	37	13	Yes
SunGrains	GA16327ID-23LE2	79.1	.	.	.	53.1	40	16	Yes
SunGrains	SCLA18WF0108-12-1	78.6	.	.	.	53.4	38	14	Yes
SunGrains	GA161047-23LE24	78.1	.	.	.	52.6	39	8	Yes
SunGrains	GA16349ID-22LE31	75.0	.	.	.	49.3	38	14	Yes
SunGrains	GA17389ID-23LE39F	74.7	.	.	.	54.4	36	24	No
SunGrains	GA151055-23E48	74.2	.	.	.	52.6	39	14	Yes
SunGrains	GA161198-23LE14F	74.1	.	.	.	52.5	36	24	No
SunGrains	LA14272C-86-3-1-3	73.7	.	.	.	56.6	37	11	Yes
SunGrains	GA16556-23LE25	71.5	.	.	.	53.8	39	18	Yes
Virginia Tech	VA19FHB-36	71.4	.	.	.	52.3	37	19	Yes
SunGrains	NC14757LDH-44	70.8	.	.	.	52.1	32	15	Small
SunGrains	NC20-21971	69.9	.	.	.	52.5	37	15	No
SunGrains	GA16305-23LE42	66.8	.	.	.	53.5	33	14	Yes
SunGrains	TX20D5143	59.4	.	.	.	45.8	38	11	Yes
NCFSPI	ARS16W1067	55.8	.	.	.	50.1	39	24	Yes
SunGrains	NC18-16900	41.6	.	.	.	35.3	39	11	No
Average		79.6	88.1	85.8	58.5	53.0	37	15	-
LSD at 10% Level		7.1	9.7	5.9	5.4	2.6	1	7	-
Model R-squared		0.88	0.74	0.80	0.68	0.70	0.82	0.62	-
C.V.		9.8	12.1	7.5	10.1	5.4	4.3	55.9	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 20, 2023.

Harvested: June 6, 2024.

Seeding Rate: 105 lbs/acre in 7" rows.

Prior Crop:

Soil Type: Dothan sandy loam.

Soil Test: P₂O₅ = 54, K₂O = 235, and pH = 6.5.

Fertilization: Preplant: 18 lb N, 10 lb S, 46 lb P₂O₅, and 60 lb K₂O/acre. Topdress: 90 lb N and 16 lb S/acre.

Management: Conventional tillage. Harmony Extra used for weed control.

Test conducted by M. Cofield, W. Mosteller, D. Dunn, J. Lanier, R. Milton, and T. Woodward.

Plains, Georgia: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year				Test			Head Date	Awns Present
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
Commercial Varieties										
Stratton Seed	Go Wheat 6000	105.1	41.6	77.4	73.4	54.9	35	3	03-31	Yes
Mixon Seed	AGS 3022	104.0	53.8	88.6	67.3	55.9	35	25	03-26	Yes
Dyna-Gro	Plantation	102.4	43.8	94.7	70.0	53.9	36	38	03-24	Yes
Mixon Seed	AGS 4043	100.5	68.8	94.2	69.5	55.1	32	4	03-28	Yes
Mixon Seed	AGS 2024	91.9	65.7	90.4	75.2	52.6	34	12	03-31	Yes
UniSouth	USG 3752	91.7	63.6	87.3	79.1	53.3	35	0	03-30	Yes
Southern Harvest	SH 5550	89.8	44.5	87.7	62.9	53.1	37	8	03-27	Yes
Mixon Seed	AGS 4023	89.7	55.3	70.5	64.1	54.4	35	8	04-01	Yes
Progeny	#BINGO	89.7	9.3	93.4	67.5	51.4	32	10	04-12	Yes
Progeny	#TURBO	88.7	50.3	81.2	60.2	53.1	33	0	04-02	No
Mixon Seed	AGS 3026	82.0	48.2	89.1	73.2	49.6	36	5	04-01	Yes
Progeny	#CHAD	112.1	32.8	93.9	.	52.9	32	9	03-27	No
Progeny	#BUSTER	101.0	38.3	96.4	.	54.1	37	3	04-07	Yes
Harvey's Fertilizer	AP 1983	97.5	69.2	.	72.0	53.7	36	18	04-01	Yes
GSDC	GA Gore	82.0	28.1	.	55.2	52.1	39	30	03-26	No
Dyna-Gro	9332	87.9	.	.	.	53.1	38	6	04-03	Yes
Revere	2169	84.8	.	.	.	51.4	35	0	04-11	Yes
Revere	2848	84.2	.	.	.	50.4	37	3	04-12	Yes
Revere	2277	63.5	.	.	.	46.3	34	15	04-15	Yes
Experimentals										
SunGrains	SCLANC11558-33	109.5	62.6	102.7	74.8	55.8	35	38	03-28	Yes
SunGrains	GA151313-20E48	102.6	53.7	92.1	69.3	53.9	32	51	04-01	Yes
SunGrains	NC11546-14	52.1	52.1	82.2	65.0	45.3	35	59	04-04	Yes
SunGrains	GA15490ID-21LE2	98.4	41.8	87.7	.	54.0	36	31	04-01	Yes
SunGrains	GANC12915-21E3	97.9	45.0	68.8	.	52.8	36	0	03-28	No
SunGrains	GA131246LDH-21E2	97.6	70.2	93.4	.	52.2	35	0	03-30	Yes
SunGrains	GA141045-21LE7	95.4	69.7	84.0	.	54.9	41	3	04-01	Yes
SunGrains	GA17393DH-22E1	105.4	47.9	.	.	54.7	35	0	03-25	Yes
SunGrains	SCGA151058-2	102.8	48.1	.	.	54.7	35	5	03-30	Yes
SunGrains	GA15560-22E18	99.9	37.4	.	.	52.8	35	44	03-27	No
SunGrains	GA131176-22E8	97.9	57.2	.	.	55.2	35	7	03-26	Yes
SunGrains	GA141028-22LE25	97.4	64.7	.	.	53.1	33	8	04-02	Yes
SunGrains	GA151433-22LE27	95.4	49.0	.	.	53.7	34	7	04-02	Yes
SunGrains	GA15277-1ID-22LE7	93.1	43.2	.	.	52.8	36	77	03-29	Yes
SunGrains	GA15577-22LE38	92.3	61.9	.	.	53.3	36	0	04-05	Yes
SunGrains	GA151450-22LE29	89.6	57.5	.	.	50.3	35	34	04-01	Yes
SunGrains	GA101153-22LE24F	84.4	49.0	.	.	54.5	34	6	03-31	Yes
SunGrains	NC16VT30-7-47	84.2	43.9	.	.	54.2	34	49	04-07	Small
SunGrains	LA19333NDH-31	113.1	.	.	.	55.6	32	9	03-26	Yes
SunGrains	GA161058-23E14	110.1	.	.	.	55.2	36	6	03-31	Yes
SunGrains	TX20D5145	109.2	.	.	.	53.7	35	35	04-01	Yes
SunGrains	GA17034ID-23LE29	107.8	.	.	.	55.4	37	38	03-30	Yes
SunGrains	GA17371ID-23E23	107.6	.	.	.	56.2	36	39	03-31	Yes
SunGrains	GA151313-20E48-GSD23	107.0	.	.	.	53.5	31	69	04-03	Yes
SunGrains	LA17179SSP-32-3	106.6	.	.	.	54.5	33	13	03-25	Yes
SunGrains	GA161243-23E47	106.2	.	.	.	53.4	37	25	03-28	Yes
SunGrains	GA12230-20E36	106.0	.	.	.	54.9	32	3	03-27	Yes
SunGrains	GA16305-23LE42	105.0	.	.	.	54.9	33	44	03-30	Yes
SunGrains	SCLA18WF0108-12-1	104.7	.	.	.	53.8	36	3	03-31	Yes
SunGrains	SCLA19WF2110	104.0	.	.	.	54.2	37	2	04-02	Yes
Virginia Tech	VA19W-29	102.6	.	.	.	52.9	37	5	04-01	Yes
SunGrains	LA15203-LDH197	101.7	.	.	.	53.0	35	2	04-02	Yes
SunGrains	LA18003-NDH119	101.0	.	.	.	54.2	38	25	03-30	Yes
SunGrains	NC14706-25	100.5	.	.	.	54.0	35	0	03-31	Yes
SunGrains	GA18117-23E37F	99.9	.	.	.	55.0	35	18	03-27	Yes

Plains, Georgia: Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Harvested Yield				Test			Head Date	Awns Present
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
SunGrains	SCLA18WF0705-4	99.4	.	.	.	55.8	37	16	03-29	Yes
SunGrains	GA17389ID-23LE39F	98.8	.	.	.	55.9	32	5	04-01	No
SunGrains	GA16327ID-23LE2	98.1	.	.	.	52.8	35	38	04-02	Yes
SunGrains	LA19333NDH-34	96.9	.	.	.	53.9	35	6	03-31	Yes
SunGrains	GA16388-23LE6	96.7	.	.	.	55.1	35	41	04-02	Yes
Progeny	PGX 22-3	96.2	.	.	.	51.4	33	8	04-06	Yes
SunGrains	TX20D5143	94.8	.	.	.	50.4	38	6	04-12	Yes
Virginia Tech	15VTK-1-101	94.3	.	.	.	52.6	30	0	04-02	Yes
Virginia Tech	VA19FHB-36	92.9	.	.	.	53.7	34	0	03-31	Yes
SunGrains	GA16349ID-22LE31	91.8	.	.	.	47.8	35	32	04-04	Yes
SunGrains	GA15028-23E2	90.8	.	.	.	54.5	35	18	03-27	No
SunGrains	GA17023ID-23LE34	90.3	.	.	.	48.0	36	16	04-01	Yes
SunGrains	GA16556-23LE25	88.0	.	.	.	54.3	36	0	04-01	Yes
SunGrains	LA14272C-86-3-1-3	87.5	.	.	.	55.2	36	1	03-30	Yes
SunGrains	NC14757LDH-44	86.1	.	.	.	53.5	33	3	04-07	Small
SunGrains	GA161198-23LE14F	82.2	.	.	.	55.3	35	34	03-31	No
SunGrains	GA151055-23E48	82.0	.	.	.	51.4	34	12	04-03	Yes
SunGrains	NC20-21971	80.0	.	.	.	53.3	35	49	04-06	No
SunGrains	GA161047-23LE24	78.6	.	.	.	49.3	35	0	03-29	Yes
NCFSPI	ARS16W1067	71.6	.	.	.	51.0	36	4	04-05	Yes
SunGrains	NC18-16900	54.1	.	.	.	48.9	37	44	04-06	No
Average		94.5	48.2	85.5	67.3	53.2	35	17	03-31	-
LSD at 10% Level		7.4	9.0	5.6	4.4	1.1	2	32	-	-
Model R-squared		0.86	0.78	0.80	0.68	0.88	0.83	0.75	-	-
C.V.		8.6	20.5	7.2	7.1	2.3	5.1	145.5	-	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 30, 2023.

Harvested: June 4, 2024.

Seeding Rate: 105 lbs/acre in 7" rows.

Prior Crop: Peanuts.

Soil Type: Greenville sandy clay loam.

Soil Test: P₂O₅ = 45, K₂O = 250, and pH = 6.1.

Fertilization: Preplant: 78 lb N, 12 lb S, 0 lb P₂O₅, and 0 lb K₂O/acre. Topdress: 60 lb N and 10 lb S/acre.

Management: Conventional tillage. Harmony Extra used for weed control.

Test conducted by M. Cofield, W. Mosteller, D. Dunn, W. Jones, and D. Pearce.

Plains, Georgia: Wheat Grain Performance with Fungicide, 2023-2024

Company or Brand Name	Variety	Harvest Year				Test Weight	Head Date	Awns Present
		2024	2023	2022	2021			
		----- bu/acre -----				lb/bu	mo/day	
Commercial Varieties								
Stratton Seed	Go Wheat 6000	110.4	51.0	86.0	76.6	56.2	03-31	Yes
Mixon Seed	AGS 3022	104.4	55.1	98.2	65.5	57.1	03-26	Yes
Southern Harvest	SH 5550	102.0	50.2	93.6	69.8	56.1	03-28	Yes
Mixon Seed	AGS 4043	95.6	67.6	96.8	64.1	55.9	03-28	Yes
Mixon Seed	AGS 4023	94.6	55.7	81.7	66.5	56.9	04-01	Yes
Dyna-Gro	Plantation	94.4	59.3	104.6	72.0	57.5	03-26	Yes
Progeny	#TURBO	93.5	54.9	85.3	62.7	54.9	04-03	No
Mixon Seed	AGS 2024	91.7	62.1	90.5	74.2	55.5	03-30	Yes
UniSouth	USG 3752	87.9	65.8	88.4	73.6	54.8	03-31	Yes
Mixon Seed	AGS 3026	85.9	62.5	91.9	63.4	55.0	04-02	Yes
Progeny	#BINGO	85.7	13.3	96.8	67.8	52.6	04-11	Yes
Progeny	#CHAD	109.4	49.9	98.7	.	54.7	03-28	No
Harvey's Fertilizer	AP 1983	102.5	71.6	.	71.4	56.5	03-30	Yes
Progeny	#BUSTER	96.5	54.9	105.5	.	56.0	04-08	Yes
GSDC	GA Gore	73.8	35.9	.	62.3	53.4	03-26	No
Dyna-Gro	9332	93.3	.	.	.	56.5	04-03	Yes
Revere	2169	90.2	.	.	.	53.2	04-12	Yes
Revere	2848	88.2	.	.	.	52.6	04-12	Yes
Revere	2277	59.1	.	.	.	49.6	04-15	Yes
Experimentals								
SunGrains	GA151313-20E48	104.2	74.2	91.5	73.6	56.0	04-02	Yes
SunGrains	SCLANC11558-33	102.9	69.5	92.3	72.4	56.5	03-28	Yes
SunGrains	NC11546-14	65.5	59.0	92.3	64.9	53.8	04-04	Yes
SunGrains	GANC12915-21E3	107.2	67.3	78.8	.	56.6	03-28	No
SunGrains	GA15490ID-21LE2	91.9	40.9	93.3	.	54.3	04-02	Yes
SunGrains	GA141045-21LE7	89.3	57.9	93.3	.	55.7	04-04	Yes
SunGrains	GA131246LDH-21E2	65.1	72.7	93.8	.	54.0	03-30	Yes
SunGrains	GA131176-22E8	117.7	56.2	.	.	57.5	03-27	Yes
SunGrains	GA17393DH-22E1	106.3	45.3	.	.	55.5	03-25	Yes
SunGrains	GA141028-22LE25	106.0	66.8	.	.	55.6	04-03	Yes
SunGrains	SCGA151058-2	103.7	57.1	.	.	56.5	03-30	Yes
SunGrains	GA15560-22E18	98.6	44.5	.	.	55.2	03-29	No
SunGrains	GA15577-22LE38	97.4	59.6	.	.	56.5	04-05	Yes
SunGrains	GA151433-22LE27	97.3	61.8	.	.	56.2	04-01	Yes
SunGrains	GA15277-1ID-22LE7	94.6	49.0	.	.	55.4	03-30	Yes
SunGrains	NC16VT30-7-47	91.5	47.4	.	.	55.4	04-07	Small
SunGrains	GA151450-22LE29	89.5	65.2	.	.	55.0	04-02	Yes
SunGrains	GA101153-22LE24F	83.5	53.7	.	.	56.4	04-02	Yes
SunGrains	GA151313-20E48-GSD23	125.2	.	.	.	55.7	04-04	Yes
SunGrains	SCLA18WF0108-12-1	111.1	.	.	.	56.2	04-02	Yes
SunGrains	GA12230-20E36	110.4	.	.	.	56.5	03-29	Yes
SunGrains	GA15028-23E2	109.7	.	.	.	55.7	03-28	No
Virginia Tech	VA19W-29	106.5	.	.	.	55.3	04-01	Yes
Virginia Tech	VA19FHB-36	106.2	.	.	.	55.4	04-01	Yes
SunGrains	GA16305-23LE42	105.4	.	.	.	56.1	03-31	Yes
SunGrains	LA19333NDH-34	104.5	.	.	.	55.6	03-29	Yes
SunGrains	GA17034ID-23LE29	104.4	.	.	.	56.5	04-01	Yes
SunGrains	GA18117-23E37F	104.1	.	.	.	55.9	03-27	Yes
SunGrains	LA19333NDH-31	103.8	.	.	.	55.8	03-27	Yes
SunGrains	SCLA18WF0705-4	102.7	.	.	.	57.3	03-31	Yes
SunGrains	LA17179SSP-32-3	102.7	.	.	.	55.3	03-25	Yes
SunGrains	GA161243-23E47	102.5	.	.	.	56.0	03-29	Yes
SunGrains	TX20D5145	102.4	.	.	.	54.8	04-01	Yes
SunGrains	NC14706-25	101.7	.	.	.	54.8	04-01	Yes
SunGrains	GA17371ID-23E23	101.2	.	.	.	56.2	04-01	Yes

Plains, Georgia:

Wheat Grain Performance with Fungicide, 2023-2024 (Continued)

Company or Brand Name	Variety	Harvested Yield				Test		
		2024	2023	2022	2021	Weight	Height	Lodging
		----- bu/acre -----				lb/bu	in	%
SunGrains	GA16327ID-23LE2	100.2	.	.	.	55.3	04-04	Yes
SunGrains	LA15203-LDH197	98.4	.	.	.	53.9	04-02	Yes
SunGrains	GA16388-23LE6	98.2	.	.	.	56.8	04-02	Yes
SunGrains	GA17389ID-23LE39F	97.7	.	.	.	56.2	04-01	No
SunGrains	LA18003-NDH119	97.6	.	.	.	54.9	03-31	Yes
SunGrains	GA161058-23E14	96.1	.	.	.	56.2	04-01	Yes
SunGrains	LA14272C-86-3-1-3	96.0	.	.	.	59.0	03-30	Yes
Virginia Tech	15VTK-1-101	95.1	.	.	.	54.3	04-03	Yes
Progeny	PGX 22-3	94.9	.	.	.	53.8	04-06	Yes
SunGrains	GA16349ID-22LE31	93.2	.	.	.	52.0	04-04	Yes
SunGrains	GA17023ID-23LE34	92.5	.	.	.	54.8	04-01	Yes
SunGrains	GA16556-23LE25	92.4	.	.	.	55.9	04-01	Yes
SunGrains	SCLA19WF2110	90.7	.	.	.	55.9	04-03	Yes
SunGrains	NC20-21971	88.7	.	.	.	56.0	04-07	No
SunGrains	GA161198-23LE14F	88.7	.	.	.	55.9	04-01	No
SunGrains	NC14757LDH-44	87.9	.	.	.	54.5	04-07	Small
SunGrains	GA161047-23LE24	85.7	.	.	.	53.1	03-31	Yes
SunGrains	GA151055-23E48	84.6	.	.	.	55.5	04-05	Yes
SunGrains	TX20D5143	84.0	.	.	.	50.1	04-13	Yes
NCFSPI	ARS16W1067	73.1	.	.	.	56.0	04-07	Yes
SunGrains	NC18-16900	49.9	.	.	.	53.1	04-07	No
Average		95.5	55.3	91.1	69.1	55.3	04-01	-
LSD at 10% Level		11.8	8.8	6.2	4.9	0.7	-	-
Model R-squared		0.55	0.67	0.75	0.65	0.86	-	-
C.V.		13.6	17.6	7.5	7.8	1.3	-	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 30, 2023.

Harvested: June 5, 2024.

Seeding Rate: 105 lbs/acre in 7" rows.

Prior Crop: Peanuts.

Soil Type: Greenville sandy clay loam.

Soil Test: P₂O₅ = 45, K₂O = 250, and pH = 6.1.

Fertilization: Preplant: 78 lb N, 12 lb S, 0 lb P₂O₅, and 0 lb K₂O/acre. Topdress: 60 lb N and 10 lb S/acre.

Management: Conventional tillage. Harmony Extra for weed control and Miravus Ace for FHB control.

Test conducted by M. Cofield, W. Mosteller, D. Dunn, W. Jones, and D. Pearce.

Tifton, Georgia: Wheat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year				Test			Head Date	Awns Present
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
Commercial Varieties										
Mixon Seed	AGS 2024	112.0	75.6	73.3	71.5	56.1	36	48	03-21	Yes
UniSouth	USG 3752	111.4	80.6	70.3	68.1	56.4	37	61	03-24	Yes
Mixon Seed	AGS 3022	109.7	72.1	84.1	61.8	56.3	36	49	03-23	Yes
Progeny	#TURBO	103.0	37.9	76.4	61.9	54.5	39	15	03-27	No
Mixon Seed	AGS 4023	101.8	76.3	62.1	64.0	58.1	37	52	04-02	Yes
Dyna-Gro	Plantation	98.5	79.3	73.7	68.5	55.2	36	70	03-23	Yes
Southern Harvest	SH 5550	98.2	23.0	75.6	66.5	53.4	39	27	03-24	Yes
Mixon Seed	AGS 4043	93.2	79.4	64.6	63.2	54.6	33	38	03-26	Yes
Mixon Seed	AGS 3026	83.5	76.5	89.1	65.6	52.6	37	40	03-27	Yes
Stratton Seed	Go Wheat 6000	81.2	64.4	79.4	64.0	52.3	36	63	03-22	Yes
Progeny	#BINGO	44.3	15.2	57.5	62.5	47.6	35	82	04-07	Yes
Progeny	#CHAD	97.2	41.0	61.6	.	52.5	34	85	03-24	No
Harvey's Fertilizer	AP 1983	82.1	75.0	.	68.3	53.3	36	36	03-23	Yes
Progeny	#BUSTER	75.1	54.2	74.5	.	53.0	38	60	04-01	Yes
GSDC	GA Gore	73.1	33.8	.	54.8	50.8	40	64	03-23	No
Dyna-Gro	9332	86.6	.	.	.	53.9	40	40	03-25	Yes
Revere	2848	68.5	.	.	.	48.5	41	74	04-10	Yes
Revere	2169	43.0	.	.	.	34.8	36	63	04-07	Yes
Revere	2277	30.6	.	.	.	11.1	36	87	04-11	Yes
Experimentals										
SunGrains	GA151313-20E48	118.7	79.8	68.9	69.4	56.5	33	22	03-26	Yes
SunGrains	SCLANC11558-33	108.2	74.1	67.5	62.5	55.6	38	47	03-24	Yes
SunGrains	NC11546-14	70.7	62.6	53.1	54.4	50.2	40	48	04-03	Yes
SunGrains	GANC12915-21E3	99.7	41.7	64.0	.	52.3	36	23	03-25	No
SunGrains	GA141045-21LE7	96.0	78.6	65.3	.	56.6	42	41	04-02	Yes
SunGrains	GA15490ID-21LE2	95.6	65.5	56.7	.	53.9	40	41	03-30	Yes
SunGrains	GA131246LDH-21E2	90.2	80.2	83.6	.	50.2	36	63	03-24	Yes
SunGrains	GA15277-1ID-22LE7	113.3	66.9	.	.	54.8	37	34	03-21	Yes
SunGrains	SCGA151058-2	108.7	68.0	.	.	56.7	38	34	03-27	Yes
SunGrains	GA131176-22E8	108.2	65.8	.	.	55.4	39	35	03-21	Yes
SunGrains	GA141028-22LE25	95.6	73.7	.	.	52.6	37	27	04-03	Yes
SunGrains	GA151450-22LE29	94.3	86.0	.	.	52.9	37	58	03-31	Yes
SunGrains	GA15577-22LE38	94.0	75.2	.	.	54.5	39	61	03-30	Yes
SunGrains	NC16VT30-7-47	92.4	45.9	.	.	54.1	37	89	04-05	Small
SunGrains	GA151433-22LE27	92.3	71.6	.	.	53.6	36	15	04-01	Yes
SunGrains	GA15560-22E18	90.0	47.9	.	.	52.4	37	45	03-27	No
SunGrains	GA17393DH-22E1	89.3	63.4	.	.	53.8	36	24	03-21	Yes
SunGrains	GA101153-22LE24F	81.5	64.7	.	.	54.7	41	37	03-28	Yes
SunGrains	LA19333NDH-31	128.2	.	.	.	56.3	35	23	03-23	Yes
SunGrains	GA161058-23E14	126.9	.	.	.	55.9	38	30	03-26	Yes
SunGrains	GA151313-20E48-GSD23	115.3	.	.	.	56.2	34	45	03-27	Yes
SunGrains	LA15203-LDH197	115.1	.	.	.	55.0	45	12	03-30	Yes
SunGrains	NC14706-25	115.0	.	.	.	54.3	40	15	03-29	Yes
SunGrains	GA12230-20E36	113.8	.	.	.	54.9	36	30	03-25	Yes
SunGrains	GA18117-23E37F	110.2	.	.	.	53.3	35	38	03-23	Yes
SunGrains	GA17034ID-23LE29	108.9	.	.	.	56.1	37	59	03-29	Yes
SunGrains	SCLA18WF0108-12-1	105.7	.	.	.	55.1	38	26	03-30	Yes
SunGrains	GA15028-23E2	105.1	.	.	.	55.3	37	41	03-27	No
SunGrains	GA16305-23LE42	104.3	.	.	.	55.3	35	46	03-30	Yes
SunGrains	GA161198-23LE14F	102.7	.	.	.	54.1	38	42	03-28	No
SunGrains	TX20D5145	102.2	.	.	.	52.6	40	52	03-26	Yes
SunGrains	LA19333NDH-34	102.1	.	.	.	55.3	38	22	03-28	Yes
SunGrains	LA17179SSP-32-3	101.4	.	.	.	54.1	36	51	03-22	Yes
SunGrains	GA17371ID-23E23	99.6	.	.	.	55.7	38	43	03-26	Yes
SunGrains	GA151055-23E48	98.3	.	.	.	55.1	37	27	04-03	Yes

Tifton, Georgia:
Wheat Grain Performance, 2023-2024 (Continued)

Company or Brand Name	Variety	Harvested Yield				Test			Head Date	Awns Present
		2024	2023	2022	2021	Weight	Height	Lodging		
		----- bu/acre -----				lb/bu	in	%	mo/day	
SunGrains	NC14757LDH-44	98.2	.	.	.	51.3	36	39	04-03	Small
SunGrains	GA16388-23LE6	98.2	.	.	.	55.0	37	55	03-31	Yes
SunGrains	LA18003-NDH119	97.4	.	.	.	54.8	41	45	03-23	Yes
SunGrains	GA161243-23E47	95.8	.	.	.	53.3	39	44	03-24	Yes
Virginia Tech	VA19FHB-36	94.9	.	.	.	52.6	38	22	03-27	Yes
SunGrains	SCLA19WF2110	94.7	.	.	.	54.8	41	45	03-30	Yes
Virginia Tech	15VTK-1-101	94.3	.	.	.	50.0	34	44	04-03	Yes
SunGrains	GA16327ID-23LE2	94.2	.	.	.	54.2	37	35	03-31	Yes
SunGrains	GA16556-23LE25	93.8	.	.	.	55.3	37	60	03-30	Yes
SunGrains	GA17389ID-23LE39F	93.3	.	.	.	55.5	38	40	03-31	No
Virginia Tech	VA19W-29	93.0	.	.	.	51.4	41	42	03-29	Yes
SunGrains	SCLA18WF0705-4	91.0	.	.	.	56.3	40	18	03-27	Yes
SunGrains	GA161047-23LE24	88.1	.	.	.	50.0	37	43	03-25	Yes
SunGrains	LA14272C-86-3-1-3	87.3	.	.	.	56.0	38	4	03-28	Yes
SunGrains	TX20D5143	86.1	.	.	.	46.9	40	18	04-11	Yes
Progeny	PGX 22-3	85.6	.	.	.	47.9	35	28	04-04	Yes
SunGrains	GA17023ID-23LE34	79.2	.	.	.	52.5	37	43	04-01	Yes
SunGrains	NC20-21971	78.2	.	.	.	52.5	39	86	04-04	No
SunGrains	GA16349ID-22LE31	74.0	.	.	.	47.2	39	48	04-03	Yes
NCFSPI	ARS16W1067	70.6	.	.	.	51.9	41	47	04-01	Yes
SunGrains	NC18-16900	64.6	.	.	.	48.8	41	30	04-05	No
Average		93.9	61.6	67.2	62.8	52.8	38	43	03-28	-
LSD at 10% Level		10.6	7.5	5.1	3.5	3.7	2	16	-	-
Model R-squared		0.84	0.91	0.86	0.79	0.74	0.74	0.79	-	-
C.V.		12.4	13.4	8.4	6.1	7.7	5.5	40.2	-	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 16, 2023.

Harvested: May 31, 2024.

Seeding Rate: 105 lbs/acre in 7" rows.

Prior Crop: Grain sorghum.

Soil Type: Tifton loamy sand.

Soil Test: P₂O₅ = 76, K₂O = 138, and pH = 6.1.

Fertilization: Preplant: 50 lb N, 10 lb S, 50 lb P₂O₅, and 70 lb K₂O/acre. Topdress: 106 lb N and 10 lb S/acre.

Management: Conventional tillage. Harmony Extra used for weed control.

Test conducted by M. Cofield, W. Mosteller, and D. Dunn.

Statewide Yield Summary: Oat Grain Performance, 2023-2024

Company or Brand Name	Variety	Rome 2023	---Griffin--- 2024	---Midville--- 2023	---Midville--- 2024	---Plains--- 2023	---Plains--- 2024	---Tifton--- 2023	---Tifton--- 2024	---Statewide--- 2024	---Statewide--- 2023	
----- bu/acre -----												
Commercial Varieties												
Mixon Seed	Horizon 578	99.9	119.0	98.1	117.0	68.4	160.7	117.8	118.8	91.8	129.7	95.2
Mixon Seed	Horizon 306	87.4	105.0	80.9	109.6	85.1	157.2	112.7	91.2	92.2	116.0	91.6
Trical Superior	Trical Cadillac	.	92.2	.	92.3	.	156.2	.	106.2	.	113.4	.
Mixon Seed	Horizon 214	100.5	107.6	87.3	114.3	93.2	153.2	97.5	72.0	92.5	112.2	94.2
Mixon Seed	Horizon 720	64.7	98.5	51.9	96.1	64.7	164.0	114.7	61.6	95.2	106.0	78.2
Gerard Seed	Gerard 224	90.4	101.4	84.0	108.4	94.8	154.7	106.3	47.6	94.0	102.7	93.9
Stratton Seed	Savage	.	73.4	.	114.5	.	132.1	.	63.8	.	97.6	.
Gerard Seed	Gerard 227	97.5	97.6	89.6	107.6	66.8	136.1	90.5	43.3	71.7	96.2	83.2
Experimentals												
SunGrains	LA15015SB-S50	71.5	97.3	62.8	115.8	62.8	157.5	111.3	87.5	76.9	116.0	77.1
SunGrains	LA17069SBSS-2-1	.	86.2	.	114.5	.	175.4	.	75.7	.	114.5	.
SunGrains	NC20-4402	.	102.9	.	100.4	.	174.5	.	75.1	.	113.7	.
SunGrains	FL13123-50	.	99.3	.	111.7	.	142.4	.	75.5	.	107.7	.
SunGrains	LA17089SBS-33-2	.	87.3	.	87.0	.	148.4	.	88.6	.	103.8	.
SunGrains	LA17089SBS-45-1-1	.	81.4	.	76.7	.	164.6	.	70.4	.	100.0	.
SunGrains	NC20-4700	76.6	98.4	86.4	104.5	81.8	133.7	102.3	42.4	106.1	94.1	90.6
SunGrains	LA17129SBSS-8-1	.	68.1	.	80.4	.	106.8	.	97.7	.	89.2	.
Average		72.3	94.7	77.0	103.2	61.0	151.1	84.3	76.1	72.5	99.8	73.2
LSD at 10% Level		20.3	9.9	14.3	8.3	15.6	20.4	20.2	14.6	19.0	12.8	10.2
Model R-squared		0.80	0.76	0.68	0.76	0.84	0.65	0.81	0.74	0.84	0.63	0.68
C.V.		17.6	9.8	14.5	8.7	21.7	14.6	20.2	20.9	21.3	28.2	23.7

Rome, Georgia: Oat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year	Test	Height	Lodging	Head Date
		2024	Weight			
		---- bu/acre ----	lb/bu	in	%	mo/day
Commercial Varieties						
Gerard Seed	Gerard 224	.	.	52	84	04-28
Gerard Seed	Gerard 227	.	.	50	98	04-25
Mixon Seed	Horizon 214	.	.	46	84	04-29
Mixon Seed	Horizon 306	.	.	49	88	04-29
Mixon Seed	Horizon 578	.	.	45	88	04-28
Mixon Seed	Horizon 720	.	.	47	99	04-24
Stratton Seed	Savage	.	.	51	95	04-26
Trical Superior	Trical Cadillac	.	.	46	93	05-04
Experimentals						
SunGrains	FL13123-50	.	.	53	91	04-23
SunGrains	LA15015SB-S50	.	.	50	86	04-30
SunGrains	LA17069SBSS-2-1	.	.	51	90	05-02
SunGrains	LA17089SBS-33-2	.	.	51	86	04-23
SunGrains	LA17089SBS-45-1-1	.	.	48	85	04-26
SunGrains	LA17129SBSS-8-1	.	.	44	84	04-25
SunGrains	NC20-4402	.	.	52	80	04-24
SunGrains	NC20-4700	.	.	48	63	04-24
Average		-	-	49	87	04-27
LSD at 10% Level		-	-	3	-	4
Model R-squared		-	-	0.99	0.49	0.65
C.V.		-	-	6.67	12.17	0.01

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 9, 2023.

Harvested: Not harvested.

Seeding Rate: 90 lbs/acre in 7" rows.

Soil Type: Wax loam.

Previous Crop: Wheat.

Soil Test: $P_2O_5 = 47$, $K_2O = 124$, and $pH = 7.2$.

Fertilization: Preplant: 79 lb N, 23 lb P_2O_5 , and 0 lb K_2O /acre. Topdress: 35 lb N/acre.

Management: Conventional tillage. Harmony used for weed control.

Test conducted by J. Arrington, G. Ware, M. Tucker and T. Turnquist.

Note: Yield data is unavailable due to severe lodging.

Griffin, Georgia: Oat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year	Test	Height	Lodging	Head Date
		2024	Weight			
		----- bu/acre ----	lb/bu	in	%	mo/day
Commercial Varieties						
Mixon Seed	Horizon 578	119.0	34.0	47	8	04-01
Mixon Seed	Horizon 214	107.6	33.2	43	0	04-03
Mixon Seed	Horizon 306	105.0	32.9	49	0	04-06
Gerard Seed	Gerard 224	101.4	30.0	45	0	04-04
Mixon Seed	Horizon 720	98.5	29.4	51	10	04-08
Gerard Seed	Gerard 227	97.6	30.0	48	22	04-05
Trical Superior	Trical Cadillac	92.2	30.7	43	0	04-01
Stratton Seed	Savage	73.4	19.8	53	0	03-31
Experimentals						
SunGrains	NC20-4402	102.9	27.2	53	0	04-05
SunGrains	FL13123-50	99.3	30.2	55	5	04-01
SunGrains	NC20-4700	98.4	30.2	45	0	04-02
SunGrains	LA15015SB-S50	97.3	32.3	49	7	04-03
SunGrains	LA17089SBS-33-2	87.3	22.4	46	0	04-01
SunGrains	LA17069SBSS-2-1	86.2	27.2	46	0	04-07
SunGrains	LA17089SBS-45-1-1	81.4	27.7	48	0	04-08
SunGrains	LA17129SBSS-8-1	68.1	18.9	40	0	04-06
Average		94.7	28.5	47	3	04-03
LSD at 10% Level		9.9	4.9	2	6	1.6
Model R-squared		0.76	0.59	0.93	0.65	0.91
C.V.		9.8	16.2	3.3	169.5	0.0

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 8, 2022.

Harvested: May 23, 2024.

Seeding Rate: 90 lbs/acre in 7" rows.

Soil Type: Cecil sandy loam.

Soil Test: P₂O₅ = 54.5, K₂O = 212, and pH = 6.2.

Fertilization: Preplant: 24 lb N, 65 lb P₂O₅, and 202 lb K₂O/acre. Topdress: 50 lb N/acre.

Management: Conventional tillage. Harmony used for weed control.

Test conducted by J. Arrington, G. Ware, T. Brannon, and H. Jackson.

Midville, Georgia: Oat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year	Test	Height	Lodging	Head Date
		2024	Weight			
		----- bu/acre ----	lb/bu	in	%	mo/day
Commercial Varieties						
Mixon Seed	Horizon 578	117.0	25.7	45	33	.
Stratton Seed	Savage	114.5	25.8	50	34	.
Mixon Seed	Horizon 214	114.3	21.4	41	30	.
Mixon Seed	Horizon 306	109.6	28.2	45	38	.
Gerard Seed	Gerard 224	108.4	24.6	44	38	.
Gerard Seed	Gerard 227	107.6	20.8	46	55	.
Mixon Seed	Horizon 720	96.1	25.7	45	25	.
Trical Superior	Trical Cadillac	92.3	25.9	43	14	.
Experimentals						
SunGrains	LA15015SB-S50	115.8	29.8	44	53	.
SunGrains	LA17069SBSS-2-1	114.5	26.3	46	76	.
SunGrains	FL13123-50	111.7	24.1	47	56	.
SunGrains	NC20-4700	104.5	23.6	47	18	.
SunGrains	NC20-4402	100.4	24.7	48	40	.
SunGrains	LA17089SBS-33-2	87.0	28.8	43	51	.
SunGrains	LA17129SBSS-8-1	80.4	20.2	47	11	.
SunGrains	LA17089SBS-45-1-1	76.7	27.4	46	19	.
Average		103.2	25.2	45	37	-
LSD at 10% Level		8.3	1.4	1	12	-
Model R-squared		0.76	0.88	0.83	0.73	-
C.V.		8.7	6.0	3.1	34.3	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 20, 2023.

Harvested: June 6, 2024.

Seeding Rate: 90 lbs/acre in 7" rows.

Soil Type: Dothan sandy loam.

Soil Test: P₂O₅ = 54, K₂O = 235, and pH = 6.5.

Fertilization: Preplant: 18 lb N, 10 lb S, 46 lb P₂O₅, and 60 lb K₂O/acre. Topdress: 90 lb N and 16 lb S/acre.

Management: Conventional tillage. Harmony Extra used for weed control.

Test conducted by M. Cofield, W. Mosteller, D. Dunn, J. Lanier, R. Milton, and T. Woodward.

Plains, Georgia: Oat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year	Test	Height	Lodging	Head Date
		2024	Weight			
		----- bu/acre ----	lb/bu	in	%	mo/day
Commercial Varieties						
Mixon Seed	Horizon 720	164.0	29.1	.	.	04-17
Mixon Seed	Horizon 578	160.7	30.4	.	.	04-17
Mixon Seed	Horizon 306	157.2	32.4	.	.	04-16
Trical Superior	Trical Cadillac	156.2	29.6	.	.	04-10
Gerard Seed	Gerard 224	154.7	29.0	.	.	04-16
Mixon Seed	Horizon 214	153.2	26.5	.	.	04-17
Gerard Seed	Gerard 227	136.1	27.9	.	.	04-15
Stratton Seed	Savage	132.1	27.6	.	.	04-16
Experimentals						
SunGrains	LA17069SBSS-2-1	175.4	30.7	.	.	04-15
SunGrains	NC20-4402	174.5	29.6	.	.	04-16
SunGrains	LA17089SBS-45-1-1	164.6	32.3	.	.	04-14
SunGrains	LA15015SB-S50	157.5	32.9	.	.	04-17
SunGrains	LA17089SBS-33-2	148.4	33.7	.	.	04-12
SunGrains	FL13123-50	142.4	28.9	.	.	04-15
SunGrains	NC20-4700	133.7	28.0	.	.	04-15
SunGrains	LA17129SBSS-8-1	106.8	28.7	.	.	04-09
Average		151.1	29.8	-	-	04-14
LSD at 10% Level		20.4	1.4	-	-	-
Model R-squared		0.65	0.71	-	-	-
C.V.		14.6	5.3	-	-	-

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 30 2023.

Harvested: June 4, 2024.

Seeding Rate: 90 lbs/acre in 7" rows.

Prior Crop: Peanuts.

Soil Type: Greenville sandy clay loam.

Soil Test: $P_2O_5 = 45$, $K_2O = 250$, and $pH = 6.1$.

Fertilization: Preplant: 78 lb N, 12 lb S, 0 lb P_2O_5 , and 0 lb K_2O /acre. Topdress: 60 lb N and 10 lb S/acre.

Management: Conventional tillage. Harmony Extra for weed control.

Test conducted by M. Cofield, W. Mosteller, D. Dunn, W. Jones, and D. Pearce.

Tifton, Georgia: Oat Grain Performance, 2023-2024

Company or Brand Name	Variety	Harvest Year	Test	Height	Lodging	Head Date
		2024	Weight			
		----- bu/acre ----	lb/bu	in	%	mo/day
Commercial Varieties						
Mixon Seed	Horizon 578	118.8	28.6	47	86	04-05
Trical Superior	Trical Cadillac	106.2	28.5	48	101	03-28
Mixon Seed	Horizon 306	91.2	26.9	50	98	04-07
Mixon Seed	Horizon 214	72.0	22.9	41	88	04-07
Stratton Seed	Savage	63.8	25.2	53	91	04-03
Mixon Seed	Horizon 720	61.6	28.7	54	87	04-06
Gerard Seed	Gerard 224	47.6	23.2	48	93	04-04
Gerard Seed	Gerard 227	43.3	13.0	49	98	04-02
Experimentals						
SunGrains	LA17129SBSS-8-1	97.7	27.7	47	68	03-29
SunGrains	LA17089SBS-33-2	88.6	28.2	55	91	04-01
SunGrains	LA15015SB-S50	87.5	29.7	50	94	04-10
SunGrains	LA17069SBSS-2-1	75.7	28.1	57	86	04-09
SunGrains	FL13123-50	75.5	26.0	57	96	04-05
SunGrains	NC20-4402	75.1	26.1	54	94	04-06
SunGrains	LA17089SBS-45-1-1	70.4	28.9	54	70	04-07
SunGrains	NC20-4700	42.4	32.7	45	98	04-06
Average		76.1	26.5	50	90	04-04
LSD at 10% Level		14.6	3.4	3	9	-
Model R-squared		0.74	0.97	0.99	0.75	-
C.V.		20.9	13.9	7.1	10.7	-

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: November 16, 2023.

Harvested: June 3, 2024.

Seeding Rate: 90 lbs/acre in 7" rows.

Soil Type: Tifton loamy sand.

Soil Test: P₂O₅ = 76, K₂O = 138, and pH = 6.1.

Fertilization: Preplant: 50 lb N, 10 lb S, 50 lb P₂O₅, and 70 lb K₂O/acre. Topdress: 50 lb N and 8 lb S/acre.

Management: Conventional tillage. Harmony Extra used for weed control.

Test conducted by M. Cofield, W. Mosteller, and D. Dunn.

Forage Yield Summary: Oat, 2023-2024

Company or Brand Name	Variety	Griffin	Plains	Tifton	Across Locations
		----- dry pounds/acre -----			
SunGrains	LA17129SBSS-8-1	8,094	4,530	4,157	5,626
Mixon Seed	Horizon 720	5,996	3,978	4,252	4,743
Trical Superior	Trical Cadillac	7,172	4,066	4,476	5,222
Mixon Seed	Horizon 306	6,827	4,124	4,472	5,122
SunGrains	UF-20B	5,843	3,819	4,393	4,673
SunGrains	UF-10	6,618	3,732	4,328	4,868
SunGrains	UF-01	6,910	3,920	4,280	5,009
SunGrains	UF-17B	5,549	3,920	4,189	4,541
SunGrains	UF-07	5,860	3,993	4,180	4,649
SunGrains	UF-12	5,955	3,920	4,113	4,652
SunGrains	UF-30A	6,771	4,312	4,654	5,248
SunGrains	UF-21	4,104	3,949	4,287	4,117
SunGrains	UF-22B	5,036	3,761	4,115	4,278
Mixon Seed	AGS Experimental VE	.	4,022	4,215	.
SunGrains	LA17069SBSS-2-1	6,301	3,862	3,925	4,724
SunGrains	UF-05	6,094	3,543	3,732	4,480
Mixon Seed	Horizon 578	5,919	3,804	4,334	4,688
SunGrains	FL13126-69	.	4,371	4,076	.
SunGrains	LA15015SB-S50	7,302	4,022	4,056	5,115
SunGrains	FL13123-50	.	3,978	4,192	.
Mixon Seed	Horizon 214	5,061	3,920	4,133	4,354
SunGrains	LA17089SBS-45-1-1	7,474	3,877	4,136	5,173
SpecialtySeed	Gladiator	5,899	4,429	3,633	4,682
SunGrains	LA17089SBS-33-2	6,750	4,051	4,153	5,028
SunGrains	FL13123-54	.	3,949	3,976	.
SunGrains	GA15577-22LE38 (wheat)	4,370	.	.	.
Average		6,177	3,994	4,178	4,809
LSD at 10% Level		701	237	160	358
Model R-squared		0.79	0.63	0.75	0.80
C.V.		10.7	5.6	3.6	12.3

Sorted earliest to latest based on early-season cuttings.

Forage Yield Summary: Rye, Triticale and Wheat, 2023-2024

Company or Brand Name	Variety	Griffin	Plains	Tifton	Across Locations
----- dry pounds/acre -----					
GSDC	Wrens Abruzzi	6,168	5,005	4,992	4,916
SunGrains	FL 4x 404	6,197	4,425	5,396	4,593
SunGrains	FL 405	4,046	4,493	5,109	4,468
Trical Superior	Trical HTF	5,651	4,733	4,184	4,378
NCFSPI	NCPT01-1433	5,826	4,329	3,784	4,199
SunGrains	FL 406	3,702	4,270	5,052	4,138
Trical Superior	Trical HTS	5,848	4,243	4,122	4,135
SunGrains	GA15490ID-21LE2	5,497	4,429	3,373	4,130
SunGrains	GA131246LDH-21E2	5,527	4,722	4,034	4,118
Mixon Seed	AGS 2024	4,982	4,436	4,218	4,055
Trical Superior	Trical Surge	4,298	4,628	4,035	4,036
Trical Superior	Trical Gainer	4,593	4,810	3,998	4,036
Trical Superior	Trical 342	5,075	4,606	3,895	3,998
SunGrains	GA141045-21LE7	4,461	4,528	3,756	3,943
Trical Superior	Trical HTG	5,920	4,582	4,420	3,906
SunGrains	GANC12915-21E3	5,310	4,466	3,830	3,783
NCFSPI	NC07-1031	5,133	3,933	4,180	3,768
SunGrains	FL 08128	5,258	4,265	3,655	3,720
Mixon Seed	AGS Experimental triticale	5,064	4,078	3,254	3,672
Mixon Seed	AGS Monarch	5,297	3,948	3,601	3,595
SunGrains	GA151313-20E48	4,914	3,727	3,577	3,549
Trical Superior	FL 1143	2,764	3,865	3,534	3,239
ForageXtreme	SSI30-06	4,842	3,517	2,918	3,203
Ogletree	Johnson	4,860	.	.	.
SunGrains	GA15577-22LE38	.	4,085	3,308	.
Average		5,051	4,338	4,009	3,982
LSD at 10% Level		788	259	239	541
Model R-squared		0.88	0.85	0.96	0.34
C.V.		14.6	5.6	5.6	22.4

Forage Yield Summary: Ryegrass, 2023-2024

Company or Brand Name	Variety	Rome	Griffin	Plains	Tifton	Across Locations
		----- dry pounds/acre -----				
Lewis Seed	Grits Diploid	7,886	8,080	4,167	4,326	6,096
DLF	Flying A	8,523	7,302	4,153	4,408	6,072
UF	FLPR2xGRB	7,965	6,752	3,920	4,588	5,992
UF	FLSME	9,164	6,570	3,804	4,586	5,982
GO Seed	Tetrastar	8,683	7,968	3,920	3,832	5,981
MVS	Centurion	8,112	6,848	4,211	4,318	5,858
DLF	Andes	8,151	7,505	3,615	4,244	5,801
DLF	Credence	8,139	6,493	3,746	4,194	5,757
DLF	Diamond T	7,730	7,204	3,630	4,566	5,747
Lewis Seed	LSC-B1191 Diploid	8,259	6,401	3,630	4,012	5,714
DLF	Double Diamond	7,652	7,269	3,790	4,208	5,711
Allied Seed	Diplomat	8,320	6,208	3,645	4,234	5,710
MVS	Ranahan	8,152	6,615	3,935	4,263	5,708
DLF	Winterhawk	7,217	7,266	3,572	4,366	5,696
UF	FL4xNE	6,978	7,229	3,761	4,231	5,631
Wax Seed	Jackson	8,282	6,364	3,398	4,196	5,578
GO Seed	Lonestar	7,135	6,977	4,037	4,638	5,574
Wax Seed	WMWL	7,677	6,935	3,557	3,765	5,493
DLF	TAMTBO	7,454	6,326	3,645	4,534	5,489
Wax Seed	WMWL-2	6,623	7,059	3,688	4,471	5,487
multiple sources	Gulf	7,300	6,358	3,746	3,991	5,463
Wax Seed	ME-4 Experimental	7,083	6,581	3,848	4,301	5,449
Wax Seed	Nelson Tetraploid	7,013	6,377	3,891	4,631	5,415
Wax Seed	Wax Marshall	6,761	6,699	3,470	4,202	5,414
DLF	Triangle T	6,263	7,538	3,746	4,359	5,408
UF	FL4xLate	7,089	6,508	4,095	4,040	5,387
GO Seed	More	7,260	6,395	3,499	4,492	5,354
DLF	Angusta	7,050	6,366	3,732	4,389	5,232
Wax Seed	ME-94 Experimental	7,100	5,971	3,456	3,686	5,128
Allied Seed	Alisca	6,102	6,754	3,238	3,964	4,829
Average		7,571	6,831	3,751	4,268	5,605
LSD at 10% Level		901	NS	251	280	388
Model R-squared		0.7	0.68	0.62	0.74	1
C.V.		11.2	13.3	6.3	6.2	13

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.
NS indicates no statistically significant difference between varieties.

Rome, Georgia: Ryegrass Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date		Season Total
		3-14-24	4-23-24	
----- dry pounds/acre -----				
DLF	Flying A	3,173	5,281	8,523
UF	FLSME	2,875	6,249	9,164
GO Seed	Lonestar	2,492	4,687	7,135
DLF	Diamond T	2,463	5,328	7,730
UF	FLPR2xGRB	2,442	5,387	7,965
UF	FL4xNE	2,407	4,454	6,978
Allied Seed	Diplomat	2,352	5,857	8,320
DLF	Double Diamond	2,340	5,192	7,652
MVS	Ranahan	2,298	5,889	8,152
GO Seed	Tetrastar	2,282	6,429	8,683
DLF	TAMTBO	2,201	5,219	7,454
Wax Seed	ME-4 Experimental	2,197	4,966	7,083
MVS	Centurion	2,170	5,926	8,112
DLF	Triangle T	2,157	4,368	6,263
GO Seed	More	2,110	5,317	7,260
UF	FL4xLate	2,089	5,027	7,089
DLF	Andes	2,042	6,110	8,151
DLF	Winterhawk	2,018	5,190	7,217
Wax Seed	Nelson Tetraploid	2,010	4,986	7,013
DLF	Credence	1,994	6,258	8,139
multiple sources	Gulf	1,982	5,301	7,300
Allied Seed	Alisca	1,906	4,072	6,102
Lewis Seed	Grits Diploid	1,841	5,999	7,886
DLF	Angusta	1,785	5,234	7,050
Lewis Seed	LSC-B1191 Diploid	1,746	6,356	8,259
Wax Seed	Jackson	1,712	6,684	8,282
Wax Seed	WMWL-2	1,671	5,130	6,623
Wax Seed	Wax Marshall	1,313	5,433	6,761
Wax Seed	ME-94 Experimental	1,290	5,819	7,100
Wax Seed	WMWL	1,109	6,506	7,677
Average		2,082	5,488	7,571
LSD at 10% Level		511	617	901
Model R-squared		0.79	0.79	0.7
C.V.		23.1	10.6	11.2

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 9, 2023.

Seeding Rate: 25 lb/acre in 7" rows.

Soil Type: Etowah and Wax loam.

Previous Crop: Wheat.

Soil Test: $P_2O_5 = 47$, $K_2O = 124$, and $pH = 7.2$.

Fertilization: Preplant: 79 lb N, 0 lb S, 23 lb P_2O_5 , and 0 lb K_2O /acre.

Topdress: 70 lb N and 0 lb S/acre after each harvest.

Management: Conventional tillage. Harmony Extra for weed control.

Test conducted by J. Arrington, G. Ware, M. Tucker, and T. Turnquist.

Varieties sorted in order of earliness as defined by 1st harvest date yields.

Griffin, Georgia: Oat Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date			Season
		2-22-24	3-13-24	4-12-24	Total
----- dry pounds/acre -----					
Mixon Seed	Horizon 306	3,665	1,382	1,780	6,827
Mixon Seed	Horizon 720	3,451	1,150	1,395	5,996
SunGrains	LA17129SBSS-8-1	3,433	700	3,960	8,094
Trical Superior	Trical Cadillac	3,414	824	2,933	7,172
Mixon Seed	Horizon 578	2,949	1,344	1,625	5,919
SunGrains	UF-01	2,741	710	3,459	6,910
SunGrains	UF-10	2,739	655	3,225	6,618
SunGrains	LA15015SB-S50	2,738	1,323	3,240	7,302
SunGrains	LA17069SBSS-2-1	2,667	933	2,701	6,301
SunGrains	UF-30A	2,576	987	3,208	6,771
SunGrains	UF-07	2,478	685	2,696	5,860
SunGrains	UF-20B	2,452	891	2,500	5,843
SunGrains	UF-12	2,344	561	3,050	5,955
SunGrains	UF-17B	2,253	540	2,756	5,549
SunGrains	UF-05	2,239	846	3,009	6,094
Mixon Seed	Horizon 214	2,171	1,291	1,599	5,061
SunGrains	LA17089SBS-45-1-1	2,026	1,316	4,132	7,474
SunGrains	UF-21	2,025	665	1,414	4,104
SunGrains	UF-22B	1,971	852	2,213	5,036
SpecialtySeed	Gladiator	1,856	1,347	2,696	5,899
SunGrains	LA17089SBS-33-2	1,563	1,501	3,685	6,750
SunGrains	GA15577-22LE38	1,406	1,512	1,452	4,370
Average		2,507	1,001	2,670	6,177
LSD at 10% Level		699	292	219	701
Model R-squared		0.64	0.68	0.96	0.79
C.V.		26.2	27.5	7.7	10.7

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: October 10, 2023

Seeding Rate: 90 lbs/acre in 7" rows.

Soil Type: Cecil sandy loam.

Previous Crop: Fallow

Soil Test: $P_2O_5 = 55$, $K_2O = 212$, and $pH = 6.2$

Fertilization: Preplant: 24 lb N, 0 lb S, 65 lb P_2O_5 , and 202 lb K_2O /acre.

Topdress: 50 lb N and 0 lb S/acre after each harvest.

Management: Conventional tillage. Harmony for weed control.

Test conducted by J. Arrington, G. Ware, J. Gassett, and T. Brannon.

Varieties sorted in order of earliness as defined by 1st harvest date yields.

Griffin, Georgia: Rye, Triticale and Wheat Forage Performance, 2023-2024

Company or Brand Name	Variety	Species	Harvest Date				Season Total
			1-3-24	2-20-24	3-12-24	4-12-24	
----- dry pounds/acre -----							
SunGrains	FL 4x 404	rye	2,392	809	1,100	2,022	6,197
SunGrains	FL 405	rye	2,154	680	1,279	0	4,046
SunGrains	FL 406	rye	1,243	1,218	1,186	179	3,702
GSDC	Wrens Abruzzi	rye	0	2,040	910	3,179	6,168
Trical Superior	Trical 342	triticale	0	2,007	926	2,017	5,075
Trical Superior	Trical HTG	triticale	0	1,992	961	2,992	5,920
Trical Superior	FL 1143	triticale	0	1,909	928	0	2,764
SunGrains	FL 08128	triticale	0	1,900	932	2,452	5,258
Trical Superior	Trical HTS	triticale	0	1,875	1,169	2,916	5,848
Trical Superior	Trical Surge	triticale	0	1,764	1,276	1,179	4,298
NCFSPI	NCPT01-1433	triticale	0	1,684	1,167	3,000	5,826
SunGrains	GA131246LDH-21E2	wheat	0	1,614	1,360	2,452	5,527
Trical Superior	Trical HTF	triticale	0	1,506	887	3,169	5,651
SunGrains	GANC12915-21E3	wheat	0	1,389	1,645	2,384	5,310
SunGrains	GA15490ID-21LE2	wheat	0	1,292	1,877	2,348	5,497
Mixon Seed	AGS 2024	wheat	0	1,196	1,060	2,675	4,982
NCFSPI	NC07-1031	triticale	0	871	1,567	2,579	5,133
Ogletree	Johnson	wheat	0	868	1,740	2,186	4,860
Mixon Seed	AGS Experimental	triticale	0	864	1,571	2,545	5,064
Mixon Seed	AGS Monarch	triticale	0	858	1,521	3,123	5,297
SunGrains	GA141045-21LE7	wheat	0	644	1,732	1,969	4,461
ForageXtreme	30-06	wheat	0	567	1,664	2,641	4,842
SunGrains	GA151313-20E48	wheat	0	534	1,492	2,696	4,914
Trical Superior	Trical Gainer	triticale	0	471	2,006	2,392	4,593
Average			241	1,273	1,332	2,206	5,051
LSD at 10% Level			366	517	222	358	788
Model R-squared			0.88	0.88	0.91	0.96	0.88
C.V.			142.6	38.0	15.6	15.2	14.6

Bolded yields are statistically non-significant (p = 0.10 level) from the highest yielding test entry.

Planted: October 10, 2023

Seeding Rate: 105 lbs/acre in 7" rows.

Soil Type: Cecil sandy loam.

Previous Crop: Fallow

Soil Test: P₂O₅ = 55, K₂O = 212, and pH = 6.2

Fertilization: Preplant: 24 lb N, 0 lb S, 65 lb P₂O₅, and 202 lb K₂O/acre.

Topdress: 50 lb N and 0 lb S/acre after each harvest.

Management: Conventional tillage. Harmony and Zidua for weed control.

Test conducted by J. Arrington, G. Ware, J. Gassett, and T. Brannon.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Griffin, Georgia: Ryegrass Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date			Season Total
		2-21-24	3-13-24	4-2-24	
----- dry pounds/acre -----					
GO Seed	Tetrastar	3,141	1,494	3,390	8,020
Lewis Seed	Grits Diploid	3,092	1,575	3,341	8,012
DLF	Diamond T	3,033	1,408	2,710	7,168
DLF	Triangle T	2,996	1,410	3,137	7,517
UF	FL4xNE	2,925	967	3,295	7,232
DLF	Andes	2,913	1,452	3,138	7,467
DLF	Double Diamond	2,826	1,492	3,018	7,279
DLF	Flying A	2,815	1,722	2,808	7,298
DLF	Winterhawk	2,779	1,512	2,951	7,324
Wax Seed	WMWL-2	2,639	1,476	2,900	7,021
GO Seed	Lonestar	2,579	1,601	2,815	6,960
MVS	Ranahan	2,502	1,321	2,808	6,612
UF	FLPR2xGRB	2,378	1,116	3,169	6,706
Allied Seed	Alisca	2,344	1,072	3,550	6,845
DLF	TAMTBO	2,323	1,129	2,942	6,400
UF	FL4xLate	2,311	1,263	3,000	6,582
Wax Seed	Nelson Tetraploid	2,301	1,356	2,806	6,455
multiple sources	Gulf	2,277	1,373	2,586	6,317
MVS	Centurion	2,262	1,371	3,227	6,849
Wax Seed	Wax Marshall	2,260	1,343	3,036	6,692
UF	FLSME	2,218	1,255	3,120	6,531
Lewis Seed	LSC-B1191 Diploid	2,200	1,289	2,826	6,358
Allied Seed	Diplomat	2,195	1,455	2,467	6,136
GO Seed	More	2,170	1,739	2,606	6,474
Wax Seed	ME-4 Experimental	1,953	1,394	3,240	6,526
Wax Seed	ME-94 Experimental	1,694	1,373	2,869	5,954
DLF	Credence	1,692	2,015	2,651	6,438
Wax Seed	Jackson	1,690	1,284	3,311	6,332
DLF	Angusta	1,611	1,316	3,175	6,045
Wax Seed	WMWL	1,574	1,756	3,121	6,488
Average		2,390	1,411	3,000	6,801
LSD at 10% Level		NS	263	305	NS
Model R-squared		0.78	0.81	0.78	0.69
C.V.		31.3	17.6	9.6	13.6

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: October 10, 2023

Seeding Rate: 25 lbs/acre in 7" rows.

Soil Type: Cecil sandy loam.

Previous Crop: Fallow

Soil Test: $P_2O_5 = 55$, $K_2O = 212$, and $pH = 6.2$

Fertilization: Preplant: 24 lb N, 0 lb S, 65 lb P_2O_5 , and 202 lb K_2O /acre.

Topdress: 50 lb N and 0 lb S/acre after each harvest.

Management: Conventional tillage. Harmony for weed control.

Test conducted by J. Arrington, G. Ware, J. Gassett, and T. Brannon.

Varieties sorted in order of earliness as defined by 1st harvest date yields.

Plains, Georgia: Oat Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date			Season
		2-8-24	2-27-24	3-21-24	Total
----- dry pounds/acre -----					
SunGrains	UF-20B	770	1,176	1,996	3,819
SunGrains	UF-17B	813	1,106	2,044	3,920
SunGrains	UF-07	697	1,174	2,059	3,993
SunGrains	UF-12	653	1,206	2,136	3,920
SunGrains	LA17129SBSS-8-1	465	1,318	2,686	4,530
SunGrains	UF-30A	479	1,276	2,616	4,312
SunGrains	UF-01	624	1,114	2,138	3,920
SunGrains	UF-21	653	1,046	2,221	3,949
SunGrains	UF-10	624	1,074	1,984	3,732
SunGrains	UF-22B	668	1,014	2,032	3,761
SunGrains	UF-05	508	1,107	1,865	3,543
Mixon Seed	AGS Experimental VE	305	1,272	2,572	4,022
Mixon Seed	Horizon 306	261	1,249	2,675	4,124
Trical Superior	Trical Cadillac	319	1,120	2,642	4,066
Mixon Seed	Horizon 720	276	1,149	2,558	3,978
SunGrains	LA15015SB-S50	203	1,195	2,744	4,022
SunGrains	FL13126-69	174	1,217	2,814	4,371
SpecialtySeed	Gladiator	160	1,191	3,093	4,429
SunGrains	LA17069SBSS-2-1	290	1,050	2,492	3,862
SunGrains	LA17089SBS-33-2	145	1,187	2,649	4,051
SunGrains	FL13123-50	73	1,167	2,732	3,978
SunGrains	LA17089SBS-45-1-1	116	1,104	2,629	3,877
Mixon Seed	Horizon 214	87	1,114	2,887	3,920
SunGrains	FL13123-54	73	1,076	2,678	3,949
Mixon Seed	Horizon 578	73	976	2,725	3,804
Average		380	1,147	2,467	3,994
LSD at 10% Level		115	NS	162	237
Model R-squared		0.89	0.41	0.88	0.63
C.V.		28.6	10.7	6.2	5.6

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 30, 2023.

Seeding Rate: 90 lbs/acre in 7" rows.

Soil Type: Greenville sandy clay loam

Previous Crop: Peanuts.

Soil Test: $P_2O_5 = 45$, $K_2O = 250$, and $pH = 6.1$

Fertilization: Preplant: 78 lb N, 12 lb S, 0 lb P_2O_5 , and 0 lb K_2O /acre.

Topdress: 50 lb N and 10 lb S/acre after each harvest.

Management: Conventional tillage. No herbicide used for weed control.

Test conducted by M. Cofield, D. Dunn, W. Mosteller, W. Jones, and D. Pearce.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Plains, Georgia: Rye, Triticale and Wheat Forage Performance, 2023-2024

Company or Brand Name	Variety	Species	Harvest Date			Season Total
			2-8-24	2-27-24	3-21-24	
----- dry pounds/acre -----						
SunGrains	FL 4x 404	rye	1,016	1,410	2,004	4,425
SunGrains	FL 405	rye	1,031	1,326	2,149	4,493
SunGrains	FL 406	rye	828	1,393	2,047	4,270
Trical Superior	Trical HTF	triticale	697	1,515	2,526	4,733
Trical Superior	Trical 342	triticale	639	1,511	2,468	4,606
Trical Superior	Trical HTG	triticale	537	1,567	2,468	4,582
GSDC	Wrens Abruzzi	rye	378	1,649	2,977	5,005
Trical Superior	Trical Surge	triticale	566	1,443	2,628	4,628
Trical Superior	Trical HTS	triticale	508	1,356	2,381	4,243
SunGrains	GANC12915-21E3	wheat	319	1,481	2,672	4,466
SunGrains	FL 08128	triticale	378	1,341	2,541	4,265
SunGrains	GA131246LDH-21E2	wheat	261	1,439	3,020	4,722
Mixon Seed	AGS 2024	wheat	203	1,417	2,802	4,436
Trical Superior	FL 1143	triticale	276	1,212	2,381	3,865
Trical Superior	Trical Gainer	triticale	174	1,300	3,325	4,810
SunGrains	GA15490ID-21LE2	wheat	174	1,289	2,962	4,429
SunGrains	GA141045-21LE7	wheat	145	1,245	3,136	4,528
SunGrains	GA15577-22LE38	wheat	145	1,131	2,817	4,085
NCFSPI	NC07-1031	triticale	87	1,167	2,672	3,933
Mixon Seed	AGS Monarch	triticale	145	1,106	2,686	3,948
Mixon Seed	AGS Experimental	triticale	131	1,113	2,831	4,078
NCFSPI	NCPT01-1433	triticale	174	975	3,180	4,329
ForageXtreme	30-06	wheat	232	790	2,497	3,517
SunGrains	GA151313-20E48	wheat	102	722	2,904	3,727
Average			381	1,287	2,670	4,338
LSD at 10% Level			124	129	238	259
Model R-squared			0.90	0.91	0.79	0.85
C.V.			30.7	9.4	8.4	5.6

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 30, 2023.

Seeding Rate: 105 lbs/acre in 7" rows.

Soil Type: Greenville sandy clay loam

Previous Crop: Peanuts.

Soil Test: $P_2O_5 = 45$, $K_2O = 250$, and $pH = 6.1$

Fertilization: Preplant: 78 lb N, 12 lb S, 0 lb P_2O_5 , and 0 lb K_2O /acre.

Topdress: 50 lb N and 10 lb S/acre after each harvest.

Management: Conventional tillage. No herbicide used for weed control.

Test conducted by M. Cofield, D. Dunn, W. Mosteller, W. Jones, and D. Pearce.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Plains, Georgia: Ryegrass Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date			Season Total
		2-8-24	2-27-24	3-21-24	
----- dry pounds/acre -----					
DLF	Flying A	89	1,089	2,977	4,153
GO Seed	Tetrastar	127	1,087	2,701	3,920
GO Seed	Lonestar	97	1,072	2,860	4,037
Wax Seed	Nelson Tetraploid	99	1,060	2,715	3,891
DLF	Triangle T	115	1,052	2,570	3,746
Lewis Seed	Grits Diploid	86	1,051	3,020	4,167
DLF	Double Diamond	84	1,041	2,643	3,790
UF	FLSME	106	1,011	2,715	3,804
MVS	Ranahan	77	990	2,860	3,935
GO Seed	More	96	982	2,425	3,499
Allied Seed	Diplomat	92	970	2,585	3,645
UF	FL4xNE	105	962	2,730	3,761
UF	FL4xLate	121	956	3,020	4,095
MVS	Centurion	142	928	3,107	4,211
multiple sources	Gulf	95	927	2,744	3,746
DLF	Andes	129	926	2,570	3,615
DLF	Credence	83	894	2,744	3,746
DLF	Angusta	91	858	2,802	3,732
DLF	Winterhawk	92	816	2,686	3,572
DLF	TAMTBO	93	812	2,744	3,645
UF	FLPR2xGRB	85	801	3,035	3,920
Wax Seed	WMWL-2	83	792	2,846	3,688
Allied Seed	Alisca	105	790	2,338	3,238
Lewis Seed	LSC-B1191 Diploid	92	782	2,773	3,630
DLF	Diamond T	83	763	2,759	3,630
Wax Seed	ME-94 Experimental	97	735	2,628	3,456
Wax Seed	ME-4 Experimental	108	730	2,991	3,848
Wax Seed	WMWL	86	697	2,744	3,557
Wax Seed	Jackson	87	678	2,643	3,398
Wax Seed	Wax Marshall	116	670	2,686	3,470
Average		99	897	2,755	3,751
LSD at 10% Level		21	108	191	251
Model R-squared		0.69	0.83	0.6	0.62
C.V.		20.2	11.4	6.6	6.3

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 30, 2023.

Seeding Rate: 105 lbs/acre in 7" rows.

Soil Type: Greenville sandy clay loam

Previous Crop: Peanuts.

Soil Test: $P_2O_5 = 45$, $K_2O = 250$, and $pH = 6.1$

Fertilization: Preplant: 78 lb N, 12 lb S, 0 lb P_2O_5 , and 0 lb K_2O /acre.

Topdress: 50 lb N and 10 lb S/acre after each harvest.

Management: Conventional tillage. No herbicide used for weed control.

Test conducted by M. Cofield, D. Dunn, W. Mosteller, W. Jones, and D. Pearce.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Tifton, Georgia: Oat Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date			Season Total
		2-1-24	2-22-24	3-13-24	
----- dry pounds/acre -----					
SunGrains	UF-30A	801	1,525	2,352	4,654
Trical Superior	Trical Cadillac	673	1,568	2,251	4,476
SunGrains	UF-21	1,128	1,074	2,149	4,287
SunGrains	UF-10	802	1,394	2,047	4,328
SunGrains	LA17129SBSS-8-1	703	1,481	2,033	4,157
SunGrains	UF-17B	863	1,307	1,960	4,189
SunGrains	UF-20B	1,043	1,118	2,236	4,393
SunGrains	UF-22B	961	1,191	1,931	4,115
SunGrains	UF-07	773	1,365	2,004	4,180
Mixon Seed	Horizon 720	656	1,437	2,178	4,252
SunGrains	UF-12	897	1,133	2,047	4,113
SunGrains	UF-01	751	1,263	2,193	4,280
Mixon Seed	AGS Experimental VE	502	1,423	2,323	4,215
SunGrains	UF-05	656	1,249	1,917	3,732
Mixon Seed	Horizon 306	356	1,539	2,483	4,472
SunGrains	LA17069SBSS-2-1	468	1,394	2,134	3,925
SunGrains	LA17089SBS-33-2	295	1,539	2,497	4,153
Mixon Seed	Horizon 578	251	1,496	2,526	4,334
SunGrains	FL13123-50	283	1,423	2,541	4,192
SunGrains	LA17089SBS-45-1-1	218	1,481	2,454	4,136
SunGrains	FL13126-69	142	1,554	2,396	4,076
SunGrains	LA15015SB-S50	337	1,292	2,439	4,056
Mixon Seed	Horizon 214	220	1,379	2,439	4,133
SunGrains	FL13123-54	191	1,249	2,425	3,976
SpecialtySeed	Gladiator	85	1,220	2,352	3,633
Average		562	1,364	2,252	4,178
LSD at 10% Level		107	130	177	160
Model R-squared		0.93	0.68	0.70	0.75
C.V.		17.9	9.0	7.4	3.6

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 16, 2023.

Seeding Rate: 90 lb/acre, except ryegrass at 25 lb/acre, in 7-inch rows.

Previous Crop: Summer annuals.

Soil Type: Tifton loamy sand.

Soil Test: $P_2O_5 = 76$, $K_2O = 138$, and $pH = 6.1$.

Fertilization: Preplant: 50 lb N, 10 lb S, 50 lb P_2O_5 , and 70 lb K_2O /acre.

Topdress: 50 lb N and 10 lb S/acre after each harvest.

Management: Conventional tillage.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Tifton, Georgia: Rye, Triticale and Wheat Forage Performance, 2023-2024

Company or Brand Name	Variety	Species	Harvest Date			Season Total
			2-1-24	2-22-24	3-13-24	
----- dry pounds/acre -----						
SunGrains	FL 4x 404	rye	1,342	1,545	2,502	5,396
SunGrains	FL 405	rye	1,140	1,617	2,388	5,109
SunGrains	FL 406	rye	781	1,945	2,284	5,052
GSDC	Wrens Abruzzi	rye	517	1,966	2,496	4,992
Trical Superior	Trical HTG	triticale	367	1,827	2,201	4,420
Trical Superior	Trical 342	triticale	431	1,578	1,884	3,895
Trical Superior	Trical HTS	triticale	496	1,510	2,135	4,122
Trical Superior	Trical HTF	triticale	356	1,626	2,194	4,184
Trical Superior	FL 1143	triticale	478	1,433	1,625	3,534
SunGrains	FL 08128	triticale	350	1,508	1,819	3,655
Trical Superior	Trical Surge	triticale	259	1,534	2,278	4,035
NCFSPI	NC07-1031	triticale	247	1,502	2,368	4,180
Mixon Seed	AGS 2024	wheat	239	1,349	2,636	4,218
SunGrains	GA131246LDH-21E2	wheat	215	1,320	2,495	4,034
SunGrains	GANC12915-21E3	wheat	201	1,285	2,351	3,830
NCFSPI	NCPT01-1433	triticale	124	1,341	2,395	3,784
SunGrains	GA141045-21LE7	wheat	194	1,240	2,307	3,756
Mixon Seed	AGS Monarch	triticale	172	1,193	2,222	3,601
Trical Superior	Trical Gainer	triticale	136	1,175	2,639	3,998
SunGrains	GA15490ID-21LE2	wheat	87	1,149	2,190	3,373
SunGrains	GA151313-20E48	wheat	87	1,079	2,360	3,577
Mixon Seed	AGS Experimental	triticale	108	976	2,193	3,254
SunGrains	GA15577-22LE38	wheat	94	962	2,243	3,308
ForageXtreme	30-06	wheat	88	852	1,999	2,918
Average			355	1,396	2,258	4,009
LSD at 10% Level			118	146	137	239
Model R-squared			0.96	0.93	0.91	0.96
C.V.			31.2	9.8	5.7	5.6

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 16, 2023.

Seeding Rate: 105 lb/acre, except ryegrass at 25 lb/acre, in 7-inch rows.

Previous Crop: Summer annuals.

Soil Type: Tifton loamy sand.

Soil Test: $P_2O_5 = 76$, $K_2O = 138$, and $pH = 6.1$.

Fertilization: Preplant: 50 lb N, 10 lb S, 50 lb P_2O_5 , and 70 lb K_2O /acre.
Topdress: 50 lb N and 10 lb S/acre after each harvest.

Management: Conventional tillage.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Tifton, Georgia: Ryegrass Forage Performance, 2023-2024

Company or Brand Name	Variety	Harvest Date			Season Total
		2-1-24	2-22-24	3-13-24	
----- dry pounds/acre -----					
UF	FLSME	251	1,647	2,699	4,586
GO Seed	More	338	1,550	2,602	4,492
DLF	Flying A	248	1,588	2,566	4,408
Wax Seed	Nelson Tetraploid	294	1,533	2,807	4,631
MVS	Centurion	208	1,613	2,514	4,318
DLF	Diamond T	328	1,488	2,738	4,566
UF	FLPR2xGRB	253	1,563	2,772	4,588
DLF	TAMTBO	233	1,578	2,749	4,534
DLF	Double Diamond	253	1,551	2,396	4,208
GO Seed	Lonestar	238	1,553	2,843	4,638
DLF	Angusta	204	1,580	2,613	4,389
DLF	Winterhawk	220	1,561	2,573	4,366
DLF	Triangle T	270	1,484	2,601	4,359
UF	FL4xNE	215	1,498	2,505	4,231
DLF	Andes	214	1,480	2,558	4,244
MVS	Ranahan	191	1,501	2,572	4,263
Wax Seed	WMWL-2	195	1,471	2,808	4,471
Lewis Seed	Grits Diploid	186	1,467	2,668	4,326
multiple sources	Gulf	187	1,425	2,363	3,991
Allied Seed	Alisca	229	1,382	2,363	3,964
Wax Seed	ME-4 Experimental	185	1,424	2,708	4,301
UF	FL4xLate	178	1,419	2,447	4,040
Allied Seed	Diplomat	255	1,335	2,640	4,234
DLF	Credence	143	1,416	2,613	4,194
Wax Seed	Jackson	129	1,422	2,653	4,196
GO Seed	Tetrastar	175	1,333	2,319	3,832
Wax Seed	Wax Marshall	159	1,315	2,737	4,202
Lewis Seed	LSC-B1191 Diploid	162	1,290	2,567	4,012
Wax Seed	WMWL	125	1,163	2,463	3,765
Wax Seed	ME-94 Experimental	110	1,151	2,431	3,686
Average		212	1,459	2,596	4,268
LSD at 10% Level		54	127	163	280
Model R-squared		0.77	0.77	0.74	0.74
C.V.		24.1	8.2	5.9	6.2

Bolded yields are statistically non-significant ($p = 0.10$ level) from the highest yielding test entry.

Planted: November 16, 2023.

Seeding Rate: 105 lb/acre, except ryegrass at 25 lb/acre, in 7-inch rows.

Previous Crop: Summer annuals.

Soil Type: Tifton loamy sand.

Soil Test: $P_2O_5 = 76$, $K_2O = 138$, and $pH = 6.1$.

Fertilization: Preplant: 50 lb N, 10 lb S, 50 lb P_2O_5 , and 70 lb K_2O /acre.

Topdress: 50 lb N and 10 lb S/acre after each harvest.

Management: Conventional tillage.

Test conducted by M. Cofield, D. Dunn, and W. Mosteller.

Varieties sorted in order of earliness as defined by 1st and 2nd harvest date yields.

Seed Sources for the 2023-2024 Winter Performance Tests

Name as listed in Report	Company	Contact
AgriMAXX	AgriMAXX Wheat Company. Mescoutah, Illinois.	www.agrimaxxwheat.com
Allied Seed	Allied Seed, LLC. Nampa, Idaho	www.alliedseed.com
DLF Pickseed	DLF Pickseed. Halsey, Oregon.	www.dlfpickseed.com/usa
Dyna-Gro	Nutrien Ag Solutions. Saskatoon, Saskatchewan.	www.dynagroseed.com/seed-finder/wheat
ForageXtreme	Specialty Seed. Anguilla, Mississippi.	www.specialtyseed.com
Gerard Seed	Gerard Seed Company. Washington, North Carolina.	www.gerardseed.com
GO Seed	Grassland Oregon. Salem, Oregon.	www.goseed.com
GSDC	Georgia Seed Development. Athens, Georgia.	www.gsdc.com
Harvey's	Harvey's Fertilizer & Gas Company. Kinston, North Carolina	www.harveyfertilizerandgas.com
Kelly Seed	Kelly Seed Company. Hartford, Alabama.	www.kellyseed.com/kelly-seed1.html
KWS Cereals	KWS Cereals USA. Champaign, Illinois.	www.kws.com/us/en/
Lewis Seed	Lewis Seed Co. Shedd, Oregon.	www.lewisseed.com
Mixon Seed	Mixon Seed Service. Orangeburg, South Carolina.	www.mixonseed.com
MVS	Mountain View Seeds. Salem, Oregon.	www.mtviewseeds.com
NCFSPI	NC Foundation Seed Producers, Inc., Zebulon, NC.	www.ncfoundationseeds.org
Ogletree	Ogletree Seed. Griffin, Georgia.	georgiagrassfed@yahoo.com
Pioneer	Corteva Agriscience. Indianapolis, Indiana.	www.pioneer.com/us/products/wheat.html
Progeny	Erwin-Keith. Wynne, Arkansas.	www.progenyag.com
Ragan & Massey	Ragan & Massey. Ponchatoula, Louisiana.	www.raganandmassey.com
Revere	Revere Seed. Memphis, Tennessee.	www.revereseed.com
Smith Seed	Smith Seed Services. Halsey, Oregon.	www.smithseed.com
Southern Harvest	Meherrin Ag & Chemical. Severn, North Carolina.	www.meherrinag.com
Stratton Seed	Stratton Seed Company. Stuttgart, Arkansas.	www.gostrattonseed.com
SunGrains	University breeding collaboration. No retail sales.	
TriCal Superior	TriCal Superior Forage. Butte, Montana.	www.tricalforage.com
UF	University breeding program. No retail sales.	
UniSouth	UniSouth Genetics. Dickson, Tennessee.	www.usgseed.com
Virginia Tech	University breeding program. No retail sales.	
Wax Seed	The Wax Company. Amory, Mississippi.	Available from multiple retailers.

Cooperators

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Mr. J. Gassett, Field Research Services, UGA-Griffin, Griffin, Georgia
Ms. K. Hammond, Northwest Research & Education Center, Calhoun, Georgia
Mr. S. Rogers, Southwest Research & Education Center, Plains, Georgia
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Tifton - M. Cofield, and W. Mosteller

Midville - J. Lanier, R. Milton, and T. Woodward

Rome - M. Tucker and T. Turnquist

Plains - W. Jones and D. Pearce

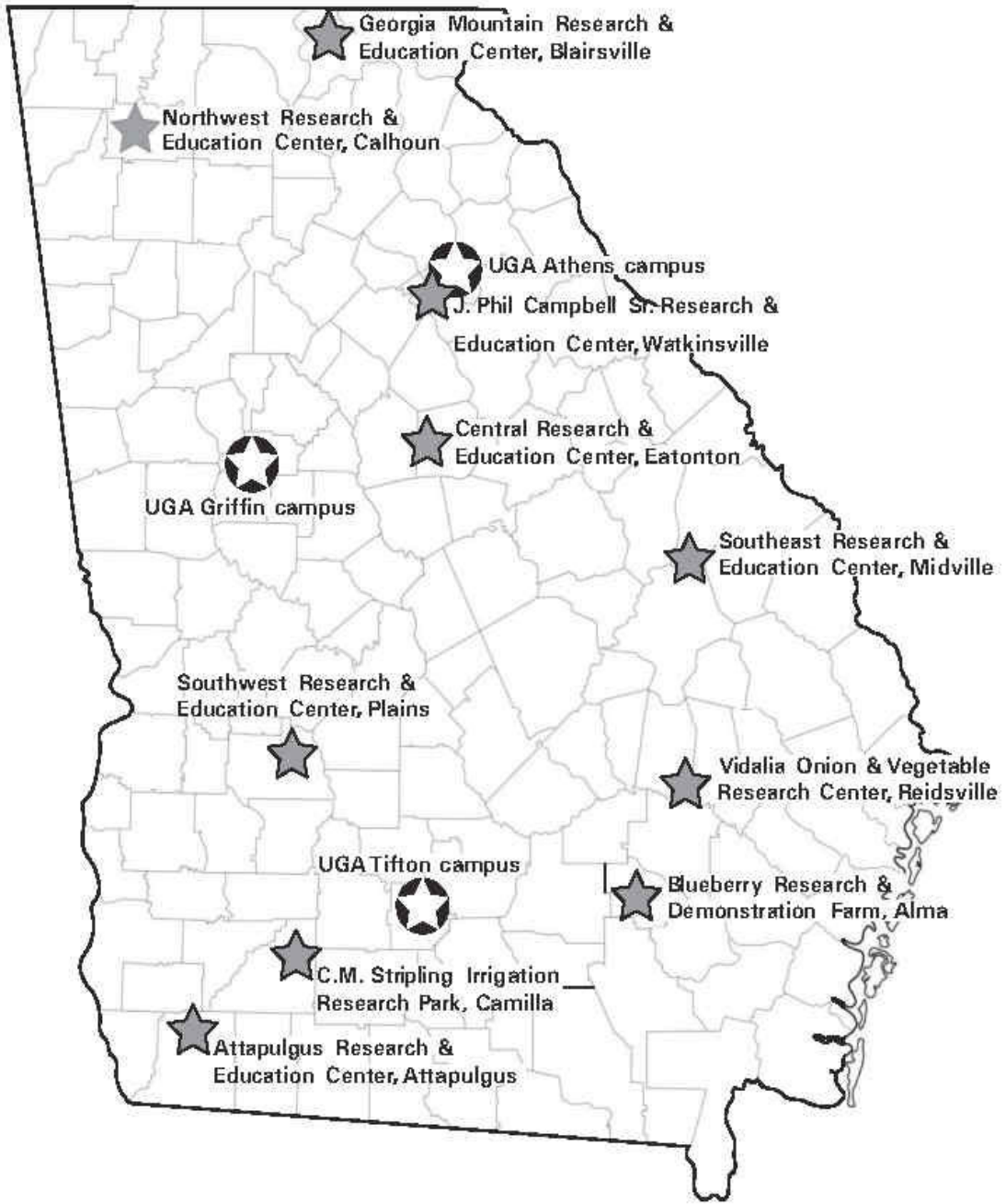
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