

PERFORMANCE OF SMALL GRAIN VARIETIES IN ALABAMA, 2019-2020

DEPT. SERIES NO. CSES2020: SMALL GRAIN
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CROP, SOIL & ENVIRONMENTAL SCIENCES
AUBURN UNIVERSITY, AUBURN AL
JULY 6, 2020

MISSION

The mission of the Alabama Variety Testing Program is to provide research-based, unbiased results on the performance of various crop hybrids, cultivars, and varieties to the agricultural community in our state. We are intent on conducting these trials in a manner that will result in maximum biological yield through methods common to the top-producing farms in Alabama. We are committed to providing this information in a rapid, timely manner for its use during the decision-making process. The success of the program rests upon our ability to help Alabama producers provide a safe, dependable source of food and fiber for all families as well as economic sustainability for theirs.

HOW TO INTERPRET RESULTS

The purpose of the variety trial data is to determine whether differences are due to genetic performance. These differences cannot be measured absolutely due to environmental field conditions (rainfall, temperatures, soil fertility, soil type, disease, insects, etc.). Yields may differ between plots of the same entry. This variation is accounted for using experimental design and statistics.

The least significant difference (LSD) is used to determine whether the observed differences between entries are real or are caused by random variation. When using the LSD, two entries may have numerically different values but the values are not statistically different. When two entries are compared and the observed difference is larger than the LSD, the entries are considered statistically different. An alpha level of 0.10 is used, meaning that the differences observed are expected to be real 90% of the time.

The coefficient of variation (CV) is a measure used to compare the amount of random variation within a data set. The lower the CV, the more precise the data set.

Each table is organized in a manner that it is easy to read. The data is sorted from highest yielding to lowest. The bolded values are not statistically different from the highest yielding value.

A dark line in the table visually represents the test average. Any value above the line is equal to or greater than the test average. The numeric value for the test average is at the bottom of the tables.



ACKNOWLEDGEMENT

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WHEAT OAT WEBSITE

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CENTRAL REGION

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BLACK BELT RESEARCH AND EXTENSION CENTER MARION JUNCTION, AL

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NORTH REGION

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TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER BELLE MINA, AL

[Chet Norris](#), Director

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SAND MOUNTAIN RESEARCH AND EXTENSION CENTER CROSSVILLE, AL

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MANAGEMENT INFORMATION

Moisture is recorded at the time of harvest and yields are standardized to 13.5% moisture for head to head comparison.

TABLE 1 - AGRONOMIC INFORMATION

Crop	Seeding Rate	Row Spacing	Plot Size	Number of Replications
Wheat	26.4 seed/ft ² or 1.2 million seed/acre	7 inch	5 x 20 ft	3-4
Oat Triticale	86 lb/ac	7 inch	5 x 20 ft	3-4

TABLE 2 - LOCATION SPECIFIC INFORMATION

Research Center	Tennessee Valley	Sand Mountain	Black Belt	E.V. Smith	Prattville	Wiregrass	Brewton	Gulf Coast
Location	Belle Mina	Crossville	Marion Junction	Tallassee	Prattville	Headland	Brewton	Fairhope
Region	North	North	Central	Central	Central	South	South	South
Crops	Wheat Oat Triticale	Wheat Oat	Wheat Oat	Wheat Oat	Wheat Oat	Wheat Oat	Wheat Oat	Wheat Oat
Plant Date	11/7/2019	11/19/2020	11/7/2019	11/20/2019	11/5/2019	11/18/2019	11/13/2019	11/22/2019
Harvest Date	6/11-12/2020	6/19/2020	6/3/2020	6/17/2020	6/2-3/2020	5/21/2020	5/24/2020	5/14/2020
Soil Type	Decatur Silt Loam	Hartsells Fine Sandy Loam	Vaiden Clay	Kalmia Loamy Sand	Lucedale Fine Sandy Loam	Dothan Sandy Loam	Benndale Fine Sandy Loam	Malbis Fine Sandy Loam
Tillage	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional	Conventional	No-Till
Fertilization	90N-40P-40K-5S	90N-0P-0K	105N-52P-52K-19S	90N-0P-0K-26S	80N – Oats 90N – Wheat	84N-34P-34K-25S	88N-38P-56K-14S	102N-57P-114K-15S
Herbicides	None	None	HarmonyExtra	None	None	None	2,4-D	Salvo HarmonyExtra
Insecticides	Karate	None	None	None	Besiege	None	Karate	Sniper
Fungicides	Prosaro Stratego	None	Avaris Priaxor	None	Priaxor	TwinLine	Stratego YLD	Headline Trivapro

Research Center	Tennessee Valley	Sand Mountain	Black Belt	E.V. Smith	Prattville	Wiregrass	Brewton	Gulf Coast
Test Conducted By	B. Durham D. Harkins	C. McElmoyl J. Bloodworth J. Clayton T. Brothers	J. Yeager A. Harrison J. Westbrook J. Holbrook	J. Burkett N. Stockdale F. Jackson	D. Moore C. Henderson	L. Wells C. Parker C. Thomas E. Richards H. McDaniel J. Greene J. Mullen J.D. Galloway K. Hodges M. Davis	B. Miller B. Thompson J. Wyatt	M. Pegues J. Jones

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SEED SOURCES - WHEAT

TABLE 3 – SEED SOURCE, VARIETY NAME, AND REGIONS TESTED

Source	Source Location	Variety	North Region	Central Region	South Region
Plantation Seed	Newton, Georgia	AGS 2024	Yes		
		AGS 3040	Yes	Yes	Yes
		AGS 3030	No		
Local Seed Company, LLC	Memphis, Tennessee	LW2026		No	No
		LW2046		No	No
		LW2068	Yes	Yes	No
		LW2848		Yes	No
		LW2937		Yes	Yes
University of Georgia	Griffin, Georgia	AGS 3015			
		GA09436-16LE12			
		GA101298-17LE11			
		GA10268-17LE16	Yes	Yes	Yes
		GA10407-17E			
		GA11656-17E11			
		GA11656-17E8			

Source	Source Location	Variety	North Region	Central Region	South Region
Nutrien Ag Solutions - Dyna-Gro Seed	Bloomfield, Ohio	Dyna-Gro Blanton	Yes	Yes	Yes
		Dyna-Gro Plantation	No	Yes	Yes
		Dyna-Gro Riverland	No	Yes	Yes
		Dyna-Gro Rutledge	Yes	Yes	Yes
		Dyna-Gro 9002	Yes	Yes	No
		Dyna-Gro 9522	Yes	No	No
		Dyna-Gro 9070	Yes	No	No
		Dyna-Gro 9701	Yes	Yes	No
		Dyna-Gro 9811	Yes	Yes	No
Stratton Seed Company	Stuttgart, Arkansas	AGS 2055	Yes	Yes	Yes
		Go Wheat 2032			
		Go Wheat 4010			
		Go Wheat 6000			
		Go Wheat LA754			
Texas A&M AgriLife Research	Commerce, Texas	TX15D9579	Yes	Yes	No
		TX15D9597			
UniSouth Genetics	Dickson, Tennessee	USG 3230	Yes	Yes	No
		USG 3329		Yes	Yes
		USG 3458		No	No
		USG 3536		Yes	No
		USG 3539		Yes	Yes
		USG 3571		No	No
		USG 3640		Yes	Yes
		USG 3859		Yes	No
AgriMAXX Wheat Company	Mascoutah, Illinois	AgriMAXX 473	Yes	No	No
		AgriMAXX 481		Yes	Yes
		AgriMAXX 492		No	No
		AgriMAXX 496		No	No
		AgriMAXX 503		No	No
University of Arkansas	Fayetteville, Arkansas	AR06146E-1-4	Yes	Yes	Yes
		AR09137UC-17-2			
Virginia Tech/Virginia Crop Improvement	Warsaw, Virginia	Hilliard Liberty 5658 13VTK429-3	Yes	Yes	Yes
University of Florida	Gainesville, Florida	FL14078LDH-28	Yes	Yes	Yes
		FL14167LDH-158			
		FLLA10033C-6			

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SEED SOURCES - OATS

TABLE 4 - SEED SOURCE, VARIETY NAME, AND REGIONS TESTED

Source	Source Location	Variety	North Region	Central Region	South Region
Plantation Seed	Newton, Georgia	Horizon 306	No	Yes	Yes
		Horizon 720		No	Yes
Angelina Grain Company	Vidalia, Louisiana	FL 0720	No	No	Yes
University of Florida	Gainesville, Florida	FL12034-10 FLLA11019S-8 FL13018-1 FL13084-11 FLLA09015SBS-U1 FLLA09044SBS-U1 FLLA09030SBS-U3	Yes	Yes	Yes

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SEED SOURCES - TRITICALE

TABLE 5- SEED SOURCE, VARIETY NAME, AND REGIONS TESTED

Source	Source Location	Variety	North Region	Central Region	South Region
TriCal Superior Forage	Vernon, Texas	TriCal Flex 719 TriCal Merlin Max TriCal Surge TriCal Thor	Yes	No	No

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2020 WHEAT STATEWIDE SUMMARY

TABLE 6 - YIELD IN BUSHEL PER ACRE

Variety	2020	2019	North	Central	South
Dyna-Gro Blanton	60	58	97	52	44
USG 3640	60	.	90	51	48
GA 10268-17LE16	59	.	84	53	49
AGS 2024	59	56	90	55	44
Local Seed LW2026	59	.	98	51	42
GA 11656-17E11	59	.	91	59	37
GA 101298-17LE11	59	.	89	54	44
GA 10407-17E8	59	.	94	52	42
GoWheat 2032	56	59	88	46	45
Dyna-Gro Rutledge	56	.	88	48	43
GoWheat 6000	56	.	96	51	35
GoWheat LA 754	56	49	85	52	39
AR09137UC-17-2	54	.	85	53	35
AGS 3040	54	.	86	49	39
AgriMAXX 481	54	60	85	52	36
GA 09436-16LE12	54	47	78	53	38
GA 101004-17LE17	52	.	82	51	34
AGS 3015	51	52	74	46	41
AR06146E-1-4	50	54	77	45	37
FLLA10033C-6	50	.	86	43	33
USG 3539	49	45	91	44	26
FL14167LDH-158	48	.	88	42	26
FL14078LDH-28	46	.	78	34	37
AGS 2055	46	.	89	41	23
Liberty 5658	46	48	83	40	27
Hilliard	46	44	90	41	22
GoWheat 4010	46	.	91	42	19
13VTK429-3	44	.	87	33	25
AgriMAXX 473	.	.	83	.	.
AgriMAXX 492	.	.	82	.	.
AgriMAXX 496	.	.	81	.	.
AgriMAXX 503	.	.	88	.	.
AGS 3030	.	.	.	41	34
Dyna Gro 9522	.	.	85	.	.
Dyna-Gro 9002	.	.	87	47	.
Dyna-Gro 9070	.	.	80	.	.
Dyna-Gro 9701	.	.	82	43	.
Dyna-Gro 9811	.	.	89	36	.
Dyna-Gro Plantation	.	.	.	58	41
Dyna-Gro Riverland	.	.	.	55	41
Local Seed LW 2848	.	.	84	.	.
Local Seed LW 2937	.	.	77	.	.
Local Seed LW2068	.	.	90	34	.
Local Seed LW2046	.	.	82	47	.

Variety	2020	2019	North	Central	South
TX15D9579	.	.	90	45	.
TX15D9597	.	.	85	46	.
USG 3230	.	.	86	43	.
USG 3329	.	.	76	41	.
USG 3458	36
USG 3536	.	.	90	44	.
USG 3571	.	.	76	.	.
USG 3895	.	.	88	46	.
Average	53	52	86	47	36
LSD at 10% level	4	6	9	5	8
CV	47	45	24	24	37

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT STATEWIDE SUMMARY

TABLE 7 - YIELD IN BUSHEL PER ACRE

Variety	2020	NORTH	CENTRAL	SOUTH
FL13084-11	100	133	94	77
FLLA09030SBS-U3	92	132	81	68
FL12034-10	87	114	78	74
FLLA11019S-8	86	117	74	74
FL13018-1	86	133	67	67
FLLA09015SBS-U1	84	126	64	73
FLLA09044SBS-U1	80	115	66	68
FL 0720	.	.	.	61
Horizon 306	.	.	82	65
Horizon 720	.	.	.	60
Average	90	126	76	72
LSD at 10% level	9	N.S.	10	11
CV	44	20	39	51

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

SOUTH REGION WHEAT SUMMARY

TABLE 8 – YIELD IN BUSHEL PER ACRE

Variety	2020	2019 (BARU only)	GCREC	BARU	WGREC
GA 10268-17LE16	49	.	61	55	32
USG 3640	48	.	48	55	42
GoWheat 2032	45	83	43	51	42
Dyna-Gro Blanton	44	77	52	46	34
AGS 2024	44	72	51	37	44
GA 101298-17LE11	44	.	46	44	40
Dyna-Gro Rutledge	43	.	50	46	33
GA 10407-17E8	42	.	50	47	30
Local Seed LW2026	42	.	50	45	31
Dyna-Gro Riverland	41	.	42	52	30
Dyna-Gro Plantation	41	68	35	46	42
AGS 3015	41	60	47	41	36
AGS 3040	39	.	36	48	32
GoWheat LA 754	39	59	36	43	37
GA 09436-16LE12	38	58	40	46	28
GA 11656-17E11	37	.	31	53	29
FL14078LDH-28	37	.	38	42	31
AR06146E-1-4	37	57	42	45	23
USG 3458	36	.	29	43	37
AgriMAXX 481	36	76	31	44	33
AR09137UC-17-2	35	.	41	49	16
GoWheat 6000	35	.	44	37	23
GA 101004-17LE17	34	.	33	45	25
AGS 3030	34	65	34	48	20
FLLA10033C-6	33	.	31	42	26
Liberty 5658	27	57	21	43	18
FL14167LDH-158	26	.	23	35	21
USG 3539	26	47	13	44	21
13VTK429-3	25	.	19	36	20
AGS 2055	23	.	10	37	22
Hilliard	22	46	23	32	11
GoWheat 4010	19	.	8	39	10
Average	36	63	36	44	29
LSD at 10% level	8	14	14	7	10
CV	37	22	44	16	39

Bolded yields are NOT statistically different from the highest yielding entry.

Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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SOUTH REGION OAT SUMMARY

TABLE 9 - YIELD IN BUSHEL PER ACRE

Variety	2020	2019 (BARU only)	WGREC	BARU	GCREC
FL13084-11	77	.	40	.	114
FL12034-10	74	.	28	.	121
FLLA11019S-8	74	.	42	.	105
FLLA09015SBS-U1	73	.	41	.	105
FLLA09044SBS-U1	68	.	37	.	100
FLLA09030SBS-U3	68	.	34	.	102
FL13018-1	67	.	31	.	102
Horizon 306	65	63	40	.	90
FL 0720	61	41	33	.	88
Horizon 720	60	56	32	.	87
Average	69	53	36	.	102
LSD at 10% level	11	N.S.	N.S.	.	14
CV	51	28	27	.	13

Bolded yields are NOT statistically different from the highest yielding entry.

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N.S. –differences are statistically non-significant.

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WHEAT
BREWTON AGRICULTURAL RESEARCH UNIT
BREWTON, AL

TABLE 10 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
GA 10268-17LE16	55	60.7	36	5	24-Mar
USG 3640	55	61.3	38	3	21-Mar
GA 11656-17E11	53	60.7	37	0	19-Mar
Dyna-Gro Riverland	52	62.5	37	0	20-Mar
GoWheat 2032	51	61.3	36	7	20-Mar
AR09137UC-17-2	49	61.1	34	0	1-Apr
AGS 3040	48	60.4	35	0	1-Apr
AGS 3030	48	61.6	35	0	24-Mar
GA 10407-17E8	47	61.3	34	0	17-Mar
Dyna-Gro Plantation	46	62.4	32	0	29-Mar
Dyna-Gro Blanton	46	62.0	34	18	14-Mar
GA 09436-16LE12	46	60.8	34	0	23-Mar
Dyna-Gro Rutledge	46	60.0	36	0	18-Mar
AR06146E-1-4	45	62.1	39	0	25-Mar
GA 101004-17LE17	45	62.0	32	0	3-Apr
Local Seed LW2026	45	61.2	35	3	19-Mar
GA 101298-17LE11	44	59.5	36	13	21-Mar
USG 3539	44	58.3	33	0	11-Apr
AgriMAXX 481	44	62.0	33	0	29-Mar
USG 3458	43	61.1	30	0	6-Apr
Liberty 5658	43	62.2	33	0	30-Mar
GoWheat LA 754	43	60.8	34	10	23-Mar
FLLA10033C-6	42	61.5	37	3	21-Mar
FL14078LDH-28	42	61.8	39	12	12-Mar
AGS 3015	41	60.7	37	3	18-Mar
GoWheat 4010	39	60.0	29	0	11-Apr
AGS 2055	37	62.8	32	0	4-Apr
AGS 2024	37	60.8	33	33	17-Mar
GoWheat 6000	37	61.4	33	17	16-Mar
13VTK429-3	36	58.9	31	5	16-Apr
FL14167LDH-158	35	60.7	36	5	14-Mar
Hilliard	32	60.3	32	5	5-Apr
Average	44	61.1	34	4	25-Mar
LSD at 10% level	7	1.4	2	11	3 days
CV	16	2	8	218	11

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT
BREWTON AGRICULTURAL RESEARCH UNIT
BREWTON, AL

TABLE 11 – LOCATION SPECIFIC DATA

Yield data from the Brewton oat trial has been omitted due to extreme variability and low yields.

Variety	Height inches	Lodging %	Head Date Day-Month
FL 0720	90	48	24-Mar
FL12034-10	80	42	25-Mar
FL13018-1	73	48	24-Mar
FL13084-11	45	49	26-Mar
FLLA09015SBS-U1	85	44	24-Mar
FLLA09030SBS-U3	90	49	16-Mar
FLLA09044SBS-U1	88	44	16-Mar
FLLA11019S-8	92	46	25-Mar
Horizon 306	88	47	28-Mar
Horizon 720	80	48	23-Mar
Average	81	47	23-Mar
LSD at 10% level	18	N.S.	2 days
CV	21	10	4

Bolded yields are NOT statistically different from the highest yielding entry.

Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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WHEAT
WIREGRASS RESEARCH AND EXTENSION CENTER
HEADLAND, AL

TABLE 12 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month	Stand %
AGS 2024	44	43.7	26	7	27-Mar	97
Dyna-Gro Plantation	42	47.8	25	10	27-Mar	97
USG 3640	42	51.6	29	13	27-Mar	100
GoWheat 2032	42	49.2	27	15	27-Mar	97
GA 101298-17LE11	40	43.3	28	3	28-Mar	100
USG 3458	37	45.8	24	2	8-Apr	100
GoWheat LA 754	37	47.3	27	3	27-Mar	97
AGS 3015	36	50.0	27	10	27-Mar	97
Dyna-Gro Blanton	34	43.9	25	12	27-Mar	100
AgriMAXX 481	33	47.0	23	10	30-Mar	97
Dyna-Gro Rutledge	33	42.9	27	5	27-Mar	90
GA 10268-17LE16	32	45.3	21	2	30-Mar	100
AGS 3040	32	47.2	25	8	2-Apr	97
FL14078LDH-28	31	46.8	31	40	27-Mar	97
Local Seed LW2026	31	49.1	25	3	27-Mar	97
Dyna-Gro Riverland	30	49.3	26	10	27-Mar	100
GA 10407-17E8	30	48.8	28	7	27-Mar	98
GA 11656-17E11	29	51.0	28	10	27-Mar	97
GA 09436-16LE12	28	52.8	26	3	29-Mar	97
FLLA10033C-6	26	45.8	30	20	27-Mar	65
GA 101004-17LE17	25	39.5	18	10	2-Apr	93
AR06146E-1-4	23	46.8	28	30	27-Mar	100
GoWheat 6000	23	47.4	25	20	27-Mar	90
AGS 2055	22	46.0	23	15	3-Apr	97
USG 3539	21	41.8	18	5	13-Apr	90
FL14167LDH-158	21	44.8	23	25	27-Mar	58
13VTK429-3	20	41.1	20	28	12-Apr	92
AGS 3030	20	42.6	25	10	2-Apr	92
Liberty 5658	18	47.5	20	40	31-Mar	97
AR09137UC-17-2	16	40.7	22	18	9-Apr	100
Hilliard	11	41.7	16	25	13-Apr	88
GoWheat 4010	10	40.4	17	32	12-Apr	93
Average	29	45.9	24	14	31-Mar	94
LSD at 10% level	10	N.S.	6	13	8 days	10
CV	39	12	21	94	7	11

Bolded yields are NOT statistically different from the highest yielding entry.

Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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OAT
WIREGRASS RESEARCH AND EXTENSION CENTER
HEADLAND, AL

TABLE 13 – LOCATON SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
FL 0720	33	25.4	36	47	31-Mar
FL12034-10	28	23.1	28	17	2-Apr
FL13018-1	31	23.0	24	37	28-Mar
FL13084-11	40	22.4	27	3	31-Mar
FLLA09015SBS-U1	41	25.0	32	55	1-Apr
FLLA09030SBS-U3	34	23.6	29	63	27-Mar
FLLA09044SBS-U1	37	26.8	31	38	27-Mar
FLLA11019S-8	42	26.0	25	35	2-Apr
Horizon 306	40	24.3	29	17	1-Apr
Horizon 720	32	24.1	31	42	1-Apr
Average	36	24.4	29	35	30-Mar
LSD at 10% level	N.S.	N.S.	N.S.	N.S.	2 days
CV	27	10	18	71	3

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

WHEAT
GULF COAST RESEARCH AND EXTENSION CENTER
FAIRHOPE, AL

TABLE 14 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
GA 10268-17LE16	61	58.7	31	0	23-Mar
Dyna-Gro Blanton	52	55.8	27	0	17-Mar
AGS 2024	51	53.8	28	8	17-Mar
Dyna-Gro Rutledge	50	56.9	31	7	17-Mar
Local Seed LW2026	50	55.8	30	7	19-Mar
GA 10407-17E8	50	52.8	31	0	17-Mar
USG 3640	48	55.9	33	3	18-Mar
AGS 3015	47	58.4	29	12	17-Mar
GA 101298-17LE11	46	56.6	29	0	19-Mar
GoWheat 6000	44	52.7	30	13	18-Mar
GoWheat 2032	43	56.3	30	0	19-Mar
AR06146E-1-4	42	60.3	32	3	24-Mar
Dyna-Gro Riverland	42	57.5	33	3	17-Mar
AR09137UC-17-2	41	58.0	28	0	2-Apr
GA 09436-16LE12	40	60.4	30	3	23-Mar
FL14078LDH-28	38	55.1	33	10	13-Mar
GoWheat LA 754	36	56.5	30	13	20-Mar
AGS 3040	36	55.3	29	0	31-Mar
Dyna-Gro Plantation	35	57.1	28	10	26-Mar
AGS 3030	34	53.5	28	0	23-Mar
GA 101004-17LE17	33	57.5	26	3	1-Apr
AgriMAXX 481	31	56.6	24	3	28-Mar
FLLA10033C-6	31	53.1	32	7	18-Mar
GA 11656-17E11	31	55.2	28	10	22-Mar
USG 3458	29	43.9	22	3	3-Apr
FL14167LDH-158	23	51.8	27	3	14-Mar
Hilliard	23	48.9	24	3	4-Apr
Liberty 5658	21	53.5	29	7	28-Mar
13VTK429-3	19	34.5	23	13	6-Apr
USG 3539	13	32.7	25	0	6-Apr
AGS 2055	10	43.0	19	0	3-Apr
GoWheat 4010	8	34.7	22	0	4-Apr
Average	36	52.9	28	5	23-Mar
LSD at 10% level	14	6.1	3	7	3 days
CV	44	15	14	140	9

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT
GULF COAST RESEARCH AND EXTENSION CENTER
FAIRHOPE, AL

TABLE 15 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
FL12034-10	121	29.5	32	13	24-Mar
FL13084-11	114	33.3	36	23	23-Mar
FLLA11019S-8	105	31.2	33	55	24-Mar
FLLA09015SBS-U1	105	29.7	29	40	22-Mar
FLLA09030SBS-U3	102	28.7	37	65	20-Mar
FL13018-1	102	29.2	31	38	24-Mar
FLLA09044SBS-U1	100	29.5	33	30	21-Mar
Horizon 306	90	33.9	35	33	31-Mar
FL 0720	88	29.9	40	82	25-Mar
Horizon 720	87	30.4	34	77	25-Mar
Average	102	30.5	34	46	23-Mar
LSD at 10% level	14	1.0	4	26	2 days
CV	13	6	13	59	3

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

CENTRAL REGION WHEAT SUMMARY

TABLE 15 – YIELD IN BUSHEL PER ACRE

Variety	2020	2019	BBREC	PARU	EVS-PBU
GA 11656-17E11	59	.	43	61	72
Dyna-Gro Plantation	58	51	56	65	51
Dyna-Gro Riverland	55	.	48	60	56
AGS 2024	55	49	52	63	47
GA 101298-17LE11	54	.	46	63	52
AR09137UC-17-2	53	.	50	60	49
GA 10268-17LE16	53	.	50	59	49
GA 09436-16LE12	53	42	45	64	48
GoWheat LA 754	52	44	48	52	56
AgriMAXX 481	52	53	53	59	43
Dyna-Gro Blanton	52	48	54	56	44
GA 10407-17E8	52	.	48	58	48
GoWheat 6000	51	.	50	61	43
USG 3640	51	.	49	62	41
Local Seed LW2026	51	.	48	60	44
GA 101004-17LE17	51	.	50	60	41
AGS 3040	49	.	47	57	42
Dyna-Gro Rutledge	48	.	45	58	40
Local Seed LW2046	47	.	36	53	52
Dyna-Gro 9002	47	.	43	57	41
TX15D9597	46	48	45	55	38
AGS 3015	46	44	40	62	35
GoWheat 2032	46	48	43	54	40
USG 3895	46	42	43	53	41
AR06146E-1-4	45	46	33	55	48
TX15D9579	45	44	37	61	37
USG 3536	44	30	38	54	39
USG 3539	44	34	40	52	38
USG 3230	43	.	42	49	38
Dyna-Gro 9701	43	.	30	55	43
FLLA10033C-6	43	.	36	53	38
FL14167LDH-158	42	.	46	53	27
GoWheat 4010	42	.	34	56	35
USG 3329	41	35	37	49	37
AGS 3030	41	43	32	54	36
AGS 2055	41	.	32	54	36
Hilliard	41	34	34	51	36
Liberty 5658	40	37	31	57	31
Dyna-Gro 9811	36	36	34	46	29
FL14078LDH-28	34	.	29	43	30
Local Seed LW2068	34	.	24	46	31
13VTK429-3	33	.	22	49	28
Average	47	43	42	56	42
LSD at 10% level	5	8	6	4	9
CV	24	58	22	10	25

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

CENTRAL REGION OAT SUMMARY

TABLE 16 – YIELD IN BUSHEL PER ACRE

Variety	Central Region	PARU	EVS	BBREC
FL13084-11	94	106	63	113
Horizon 306	82	98	51	99
FLLA09030SBS-U3	81	97	39	107
FL12034-10	78	95	43	96
FLLA11019S-8	74	90	24	109
FL13018-1	67	74	28	98
FLLA09044SBS-U1	66	89	37	71
FLLA09015SBS-U1	64	75	41	76
Average	76	90	41	96
LSD at 10% level	10	10	8	24
CV	39	13	31	21

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

WHEAT
BLACK BELT RESEARCH AND EXTENSION CENTER
MARION JUNCTION, AL

TABLE 17 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
Dyna-Gro Plantation	56	57.0	34	25-Mar
Dyna-Gro Blanton	54	55.9	32	28-Mar
AgriMAXX 481	53	56.2	33	25-Mar
AGS 2024	52	48.4	33	23-Mar
GA 10268-17LE16	50	56.9	38	31-Mar
GA 101004-17LE17	50	56.8	34	26-Mar
AR09137UC-17-2	50	55.0	35	1-Apr
GoWheat 6000	50	56.0	34	25-Mar
USG 3640	49	56.4	35	25-Mar
GoWheat LA 754	48	54.0	34	29-Mar
Dyna-Gro Riverland	48	56.8	36	24-Mar
GA 10407-17E8	48	56.1	34	25-Mar
Local Seed LW2026	48	55.4	34	25-Mar
AGS 3040	47	55.6	36	29-Mar
GA 101298-17LE11	46	57.5	34	29-Mar
FL14167LDH-158	46	55.9	33	23-Mar
TX15D9597	45	56.5	34	27-Mar
Dyna-Gro Rutledge	45	55.1	34	25-Mar
GA 09436-16LE12	45	58.3	35	8-Apr
GA 11656-17E11	43	48.4	35	28-Mar
GoWheat 2032	43	55.8	33	28-Mar
USG 3895	43	55.8	31	4-Apr
Dyna-Gro 9002	43	54.9	35	4-Apr
USG 3230	42	55.2	33	7-Apr
AGS 3015	40	56.0	35	22-Mar
USG 3539	40	55.3	34	10-Apr
USG 3536	38	53.8	34	10-Apr
USG 3329	37	54.8	35	31-Mar
TX15D9579	37	54.3	32	22-Mar
Local Seed LW2046	36	56.0	34	7-Apr
FLLA10033C-6	36	54.6	36	24-Mar
Hilliard	34	53.4	32	5-Apr
GoWheat 4010	34	52.7	31	8-Apr
Dyna-Gro 9811	34	55.9	34	3-Apr
AR06146E-1-4	33	55.4	37	1-Apr
AGS 2055	32	55.2	33	4-Apr
AGS 3030	32	54.4	29	29-Mar
Liberty 5658	31	56.4	32	31-Mar

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
Dyna-Gro 9701	30	52.6	35	5-Apr
FL14078LDH-28	29	55.7	36	22-Mar
Local Seed LW2068	24	52.4	32	5-Apr
13VTK429-3	22	54.8	33	7-Apr
Average	42	55.1	34	30-Mar
LSD at 10% level	6	N.S.	2	2 days
CV	22	2	6	8

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT
BLACK BELT RESEARCH AND EXTENSION CENTER
MARION JUNCTION, AL

TABLE 18 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
FL13084-11	113	33.3	44	2	9-Apr
FLLA11019S-8	109	33.1	46	2	2-Apr
FLLA09030SBS-U3	107	31.6	41	2	21-Mar
Horizon 306	99	32.1	43	2	3-Apr
FL13018-1	98	29.6	42	2	29-Mar
FL12034-10	96	30.4	44	2	29-Mar
FLLA09015SBS-U1	76	31.1	46	35	1-Apr
FLLA09044SBS-U1	71	30.8	47	2	27-Mar
Average	100	31.6	44	7	31-Mar
LSD at 10% level	24	1.3	3	15	2 days
CV	21	4	6	339	6

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

WHEAT
E.V. SMITH RESEARCH AND EXTENSION CENTER
PLANT BREEDING UNIT - TALLASSEE, AL

TABLE 19 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel
GA 11656-17E11	72	63.6
GoWheat LA 754	56	61.0
Dyna-Gro Riverland	56	61.0
Local Seed LW2046	52	62.7
GA 101298-17LE11	52	62.1
Dyna-Gro Plantation	51	64.2
AR09137UC-17-2	49	62.2
GA 10268-17LE16	49	62.4
GA 09436-16LE12	48	63.7
GA 10407-17E8	48	62.6
AR06146E-1-4	48	62.1
AGS 2024	47	61.4
Dyna-Gro Blanton	44	60.7
Local Seed LW2026	44	59.6
GoWheat 6000	43	61.2
AgriMAXX 481	43	62.8
Dyna-Gro 9701	43	59.8
AGS 3040	42	59.6
USG 3895	41	61.6
GA 101004-17LE17	41	63.5
USG 3640	41	61.9
Dyna-Gro 9002	41	60.7
GoWheat 2032	40	64.9
Dyna-Gro Rutledge	40	60.6
USG 3536	39	59.0
USG 3539	38	61.0
FLLA10033C-6	38	60.2
USG 3230	38	60.2
TX15D9597	38	60.0
TX15D9579	37	59.3
USG 3329	37	59.4
AGS 2055	36	61.2
Hilliard	36	61.4
AGS 3030	36	58.7
AGS 3015	35	63.1
GoWheat 4010	35	58.7
Local Seed LW2068	31	58.7
Liberty 5658	31	60.0
FL14078LDH-28	30	62.4

Variety	Yield bushels per acre	Test Weight pounds per bushel
Dyna-Gro 9811	29	60.7
13VTK429-3	28	62.2
FL14167LDH-158	27	58.4
Average	42	61
LSD at 10% level	9	2.4
CV	25	4

Bolded yields are NOT statistically different from the highest yielding entry.
Bolded line in table indicates test average.
N.S. –differences are statistically non-significant.

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OAT
E.V. SMITH RESEARCH AND EXTENSION CENTER
PLANT BREEDING UNIT - TALLASSEE, AL

TABLE 20 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel
FL13084-11	63	34.5
Horizon 306	51	35.4
FL12034-10	43	32.7
FLLA09015SBS-U1	41	33.5
FLLA09030SBS-U3	39	32.5
FLLA09044SBS-U1	37	33.6
FL13018-1	28	31.7
FLLA11019S-8	24	34.0
Average	43	33.4
LSD at 10% level	8	1.7
CV	31	4

Bolded yields are NOT statistically different from the highest yielding entry.
Bolded line in table indicates test average.
N.S. –differences are statistically non-significant.

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WHEAT
PRATTVILLE AGRICULTURAL RESEARCH UNIT
PRATTVILLE, AL

TABLE 21 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
Dyna-Gro Plantation	65	56.2	33	21-Mar
GA 09436-16LE12	64	58.8	34	20-Mar
GA 101298-17LE11	63	56.4	32	22-Mar
AGS 2024	63	55.3	31	19-Mar
AGS 3015	62	53.2	34	18-Mar
USG 3640	62	56.3	37	18-Mar
GA 11656-17E11	61	56.4	33	21-Mar
TX15D9579	61	50.2	35	17-Mar
GoWheat 6000	61	54.7	30	19-Mar
GA 101004-17LE17	60	56.9	32	25-Mar
Dyna-Gro Riverland	60	55.8	34	18-Mar
Local Seed LW2026	60	55.3	33	18-Mar
AR09137UC-17-2	60	54.0	33	26-Mar
AgriMAXX 481	59	56.3	32	22-Mar
GA 10268-17LE16	59	53.7	34	25-Mar
Dyna-Gro Rutledge	58	54.5	34	18-Mar
GA 10407-17E8	58	55.4	33	17-Mar
Liberty 5658	57	56.2	32	30-Nov
AGS 3040	57	53.7	34	24-Mar
Dyna-Gro 9002	57	56.0	33	31-Mar
GoWheat 4010	56	56.2	32	1-Apr
Dyna-Gro Blanton	56	53.2	30	16-Mar
AR06146E-1-4	55	57.4	38	22-Mar
TX15D9597	55	55.1	32	19-Mar
Dyna-Gro 9701	55	56.3	33	3-Apr
USG 3536	54	56.6	35	2-Apr
AGS 3030	54	52.4	32	18-Mar
GoWheat 2032	54	53.8	31	17-Mar
AGS 2055	54	55.4	34	28-Mar
FL14167LDH-158	53	49.7	33	15-Mar
USG 3895	53	55.0	30	30-Mar
FLLA10033C-6	53	53.5	35	17-Mar
Local Seed LW2046	53	57.6	34	2-Apr
USG 3539	52	57.0	34	2-Apr
GoWheat LA 754	52	52.4	32	20-Mar
Hilliard	51	56.2	32	29-Mar
USG 3329	49	57.1	33	1-Apr
13VTK429-3	49	57.6	33	3-Apr

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
USG 3230	49	56.3	32	1-Apr
Local Seed LW2068	46	55.8	30	3-Apr
Dyna-Gro 9811	46	56.9	33	29-Mar
FL14078LDH-28	43	51.5	37	13-Mar
Average	56	55.2	33	4-May
LSD at 10% level	4	*	1	N.S.
CV	10	*	6	8

* Test Weight was measured from a composite sample from each of the three replications.

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT
PRATTVILLE AGRICULTURAL RESEARCH UNIT
PRATTVILLE, AL

TABLE 22 – LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
FL13084-11	106	36.1	42	0	30-Mar
Horizon 306	98	35.4	42	10	29-Mar
FLLA09030SBS-U3	97	32.8	41	27	21-Mar
FL12034-10	95	35.7	39	37	22-Mar
FLLA11019S-8	90	35.8	43	50	27-Mar
FLLA09044SBS-U1	89	33.9	44	33	20-Mar
FLLA09015SBS-U1	75	35.4	42	70	30-Mar
FL13018-1	74	32.8	43	50	22-Mar
Average	93	35.0	42	32	25-Mar
LSD at 10% level	10	0.1	N.S.	17	3 days
CV	13	4	6	69	5

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

NORTH REGION WHEAT SUMMARY

TABLE 23 – YIELD IN BUSHEL PER ACRE

Variety	2020	2019 TVREC only	TVREC	SMREC
Local Seed LW2026	98	.	105	91
Dyna-Gro Blanton	97	68	118	77
GoWheat 6000	96	.	117	74
GA 10407-17E8	94	.	114	74
USG 3539	91	79	110	73
GoWheat 4010	91	.	106	76
GA 11656-17E11	91	.	102	80
Local Seed LW2068	90	.	113	68
TX15D9579	90	43	99	81
USG 3536	90	82	107	74
Hilliard	90	73	104	76
USG 3640	90	.	110	70
AGS 2024	90	64	106	74
Dyna-Gro 9811	89	79	106	73
AGS 2055	89	71	103	75
GA 101298-17LE11	89	.	110	68
Dyna-Gro Rutledge	88	.	109	68
FL14167LDH-158	88	.	100	76
GoWheat 2032	88	67	103	73
USG 3895	88	79	106	70
AgriMAXX 503	88	.	102	74
Dyna-Gro 9002	87	81	101	74
13VTK429-3	87	.	105	69
FLLA10033C-6	86	.	102	70
USG 3230	86	.	98	74
AGS 3040	86	69	98	73
GoWheat LA 754	85	54	100	71
AR09137UC-17-2	85	.	99	71
Dyna Gro 9522	85	76	106	64
AgriMAXX 481	85	64	96	74
TX15D9597	85	57	102	67
GA 10268-17LE16	84	.	100	68
Local Seed LW 2848	84	81	106	62
Liberty 5658	83	75	96	71
AgriMAXX 473	83	85	107	59
AgriMAXX 492	82	73	104	61
GA 101004-17LE17	82	.	98	67
Local Seed LW2046	82	.	100	65
Dyna-Gro 9701	82	74	101	64
AgriMAXX 496	81	84	104	58
Dyna-Gro 9070	80	.	98	63
GA 09436-16LE12	78	50	85	71
FL14078LDH-28	78	.	96	59

Variety	2020	2019 TVREC only	TVREC	SMREC
AR06146E-1-4	77	72	89	65
Local Seed LW 2937	77	86	92	62
USG 3329	76	.	101	50
USG 3571	76	.	91	60
AGS 3015	74	66	92	56
Average	86	71	101	69
LSD at 10% level	9	10	9	14
CV	24	18	9	16

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

NORTH REGION OAT SUMMARY

TABLE 24 – YIELD IN BUSHEL PER ACRE

Variety	2020	TVREC	SMREC
FL13018-1	133	136	131
FL13084-11	133	138	127
FLLA09030SBS-U3	132	120	143
FLLA09015SBS-U1	126	133	118
FLLA11019S-8	117	105	130
FLLA09044SBS-U1	115	100	129
FL12034-10	114	98	129
Average	124	119	130
LSD at 10% level	N.S.	21	10
CV	20	28	7

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

NORTH REGION TRITICALE SUMMARY

TABLE 25 – YIELD IN BUSHEL PER ACRE

Variety	2020	2019 TVREC Only	2018	TVREC	SMREC
Trical Surge	66.0	66	76	81	51
Trical Thor	60.6	.	.	77	45
Trical Flex 719	53.3	.	.	64	43
Trical Merlin Max	52.0	32	51	69	35
Average	58.0	49	64	72	44
LSD at 10% level	5	4	6	8	7
CV	29	40	23	11	17

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

WHEAT
TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER
BELLE MINA, AL

TABLE 26 - LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
Dyna-Gro Blanton	118	61.4	35	30-Mar
GoWheat 6000	117	61.1	37	3-Apr
GA 10407-17E8	114	62.1	39	1-Apr
Local Seed LW2068	113	59.6	37	12-Apr
GA 101298-17LE11	110	61.5	40	3-Apr
USG 3640	110	61.5	40	1-Apr
USG 3539	110	61.1	40	12-Apr
Dyna-Gro Rutledge	109	61.1	36	31-Mar
AgriMAXX 473	107	60.8	42	13-Apr
USG 3536	107	60.0	40	11-Apr
Dyna Gro 9522	106	60.1	39	8-Apr
AGS 2024	106	60.1	39	6-Apr
USG 3895	106	58.5	35	3-Apr
GoWheat 4010	106	59.9	42	9-Apr
Local Seed LW 2848	106	60.4	42	10-Apr
Dyna-Gro 9811	106	60.1	37	3-Apr
13VTK429-3	105	60.5	39	10-Apr
Local Seed LW2026	105	61.5	36	1-Apr
AgriMAXX 496	104	60.4	39	18-Apr
Hilliard	104	60.2	41	3-Apr
AgriMAXX 492	104	60.8	36	2-Apr
GoWheat 2032	103	61.1	37	3-Apr
AGS 2055	103	61.1	40	6-Apr
FLLA10033C-6	102	59.8	41	4-Apr
TX15D9597	102	61.3	38	3-Apr
GA 11656-17E11	102	61.4	41	3-Apr
AgriMAXX 503	102	60.8	41	12-Apr
USG 3329	101	60.4	39	7-Apr
Dyna-Gro 9002	101	60.5	38	7-Apr
Dyna-Gro 9701	101	60.0	40	11-Apr
GA 10268-17LE16	100	60.4	39	5-Apr
GoWheat LA 754	100	59.4	36	1-Apr
FL14167LDH-158	100	61.1	39	31-Mar
Local Seed LW2046	100	60.3	40	11-Apr
TX15D9579	99	61.1	36	29-Mar
AR09137UC-17-2	99	60.2	38	3-Apr
AGS 3040	98	61.0	40	1-Apr
USG 3230	98	60.7	38	9-Apr

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
Dyna-Gro 9070	98	60.1	40	7-Apr
GA 101004-17LE17	98	62.0	37	31-Mar
FL14078LDH-28	96	61.1	36	30-Mar
Liberty 5658	96	60.3	40	2-Apr
AgriMAXX 481	96	61.6	36	3-Apr
AGS 3015	92	60.2	38	4-Apr
Local Seed LW 2937	92	59.7	39	18-Apr
USG 3571	91	60.6	40	16-Apr
AR06146E-1-4	89	61.9	42	30-Mar
GA 09436-16LE12	85	62.9	42	3-Apr
Average	102	60.7	39	5-Apr
LSD at 10% level	9	1.2	2	5 days
CV	9	2	6	6

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT
TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER
BELLE MINA, AL

TABLE 27 - LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Lodging %	Head Date Day-Month
FL13084-11	138	36.4	57	0	16-Apr
FL13018-1	136	34.0	60	30	16-Apr
FLLA09015SBS-U1	133	37.0	57	80	15-Apr
FLLA09030SBS-U3	120	35.8	57	20	11-Apr
FLLA11019S-8	105	36.4	59	70	14-Apr
FLLA09044SBS-U1	100	35.7	60	17	10-Apr
FL12034-10	98	34.1	59	0	12-Apr
Average	127	35.9	58	40	13-Apr
LSD at 10% level	21	1.1	2	26	2 days
CV	28	4	3	110	2

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

TRITICALE
TENNESSEE VALLEY RESEARCH AND EXTENSION CENTER
BELLE MINA, AL

TABLE 28 - LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Height inches	Head Date Day-Month
Trical Surge	81	49.7	63	15-Apr
Trical Thor	77	51.8	69	15-Apr
Trical Merlin Max	69	50.1	59	15-Apr
Trical Flex 719	64	51.2	68	15-Apr
Average	72	50.7	65	15-Apr
LSD at 10% level	8	N.S.	3	N.S.
CV	11	3	7	0

Bolded yields are NOT statistically different from the highest yielding entry.

Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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WHEAT
SAND MOUNTAIN RESEARCH AND EXTENSION CENTER
CROSSVILLE, AL

TABLE 29 - LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Head Date Day-Month
Local Seed LW2026	91	53.2	5-Apr
TX15D9579	81	53.4	5-Apr
GA 11656-17E11	80	56.5	9-Apr
Dyna-Gro Blanton	77	56.0	6-Apr
Hilliard	76	54.4	12-Apr
FL14167LDH-158	76	53.6	8-Apr
GoWheat 4010	76	53.3	23-Apr
AGS 2055	75	54.3	13-Apr
GoWheat 6000	74	55.4	10-Apr
GA 10407-17E8	74	55.9	7-Apr
AgriMAXX 481	74	55.7	5-Apr
USG 3536	74	53.4	22-Apr
USG 3230	74	52.1	15-Apr
AgriMAXX 503	74	51.7	21-Apr
AGS 2024	74	54.8	12-Apr
Dyna-Gro 9002	74	52.4	15-Apr
GoWheat 2032	73	55.6	6-Apr
USG 3539	73	55.0	20-Apr
Dyna-Gro 9811	73	52.7	10-Apr
AGS 3040	73	51.6	6-Apr
AR09137UC-17-2	71	53.3	9-Apr
GA 09436-16LE12	71	57.9	8-Apr
Liberty 5658	71	54.9	8-Apr
GoWheat LA 754	71	54.7	5-Apr
USG 3640	70	56.0	5-Apr
FLLA10033C-6	70	51.5	8-Apr
USG 3895	70	51.7	12-Apr
13VTK429-3	69	53.4	20-Apr
Dyna-Gro Rutledge	68	54.7	5-Apr
Local Seed LW2068	68	53.4	21-Apr
GA 10268-17LE16	68	54.2	17-Apr
GA 101298-17LE11	68	56.0	13-Apr
GA 101004-17LE17	67	56.2	6-Apr
TX15D9597	67	54.7	6-Apr
AR06146E-1-4	65	57.1	6-Apr
Local Seed LW2046	65	53.6	22-Apr
Dyna Gro 9522	64	52.7	21-Apr
Dyna-Gro 9701	64	50.7	22-Apr
Dyna-Gro 9070	63	53.2	20-Apr

Variety	Yield bushels per acre	Test Weight pounds per bushel	Head Date Day-Month
Local Seed LW 2937	62	50.9	26-Apr
Local Seed LW 2848	62	51.8	22-Apr
AgriMAXX 492	61	55.4	7-Apr
USG 3571	60	53.6	25-Apr
AgriMAXX 473	59	50.9	21-Apr
FL14078LDH-28	59	55.3	5-Apr
AgriMAXX 496	58	52.1	23-Apr
AGS 3015	56	55.6	6-Apr
USG 3329	50	50.3	26-Apr
Average	69	53.9	13-Apr
LSD at 10% level	14	1.6	3 days
CV	16	4	7

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

OAT SAND MOUNTAIN RESEARCH AND EXTENSION CENTER CROSSVILLE, AL

TABLE 30 - LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Lodging %	Head Date Day-Month
FLLA09030SBS-U3	143	31.2	7	10-Apr
FL13018-1	131	30.5	52	19-Apr
FLLA11019S-8	130	35.3	77	13-Apr
FLLA09044SBS-U1	129	32.6	8	12-Apr
FL12034-10	129	30.1	0	15-Apr
FL13084-11	127	33.3	0	20-Apr
FLLA09015SBS-U1	118	32.2	65	19-Apr
Average	132	31.9	29	13-Apr
LSD at 10% level	10	2.6	22	4 days
CV	7	7	120	4

Bolded yields are NOT statistically different from the highest yielding entry.

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Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

TRITICALE
SAND MOUNTAIN RESEARCH AND EXTENSION CENTER
CROSSVILLE, AL

TABLE 31 - LOCATION SPECIFIC DATA

Variety	Yield bushels per acre	Test Weight pounds per bushel	Head Date Day-Month
Trical Surge	51	42.9	26-Apr
Trical Thor	45	45.5	1-May
Trical Flex 719	43	45.7	30-Apr
Trical Merlin Max	35	40.9	30-Apr
Average	44	43.8	29-Apr
LSD at 10% level	7	1.8	2 days
CV	17	5	1.9

Bolded yields are NOT statistically different from the highest yielding entry.

Bolded line in table indicates test average.

N.S. –differences are statistically non-significant.

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