

## 2019 - 2020 Northeast Ag Expo Wheat Variety Trials @

Variety	Camden			Chowan			Currituck			Gates			Pasquotank			Perquimans			Overall Average*		
	T Wt	Yield	Rank	T Wt	Yield	Rank	T Wt	Yield	Rank	T Wt	Yield	Rank	T Wt	Yield	Rank	T Wt	Yield	Rank	T Wt	Yield	Rank
	lbs/bu	bu/a		lbs/bu	bu/a		lbs/bu	bu/a		lbs/bu	bu/a		lbs/bu	bu/a		lbs/bu	bu/a		lbs/bu	bu/a	
Pioneer 26R59	57.6	86.5	1	56.8	86.7	12	50.2	32.7	19	54.1	70.4	3	58.5	120.1	1	60.6	99.6	4	56.3	82.7	1
Croplan 9606	57	74.3	3	57.1	105.6	2	52.8	48.2	9	54.2	62.4	14	58.7	109.4	5	51	94.3	8	55.1	82.4	2
Southern Harvest 7510	57.8	69.5	8	58	104.7	3	42.2	50.5	6	54.7	64.1	9	58.4	103.6	12	57.8	101.3	2	54.8	82.3	3
Dyna-Gro LAVERNE	58.3	56.1	23	58.6	109.5	1	51.4	37.6	16	55.5	70.9	2	57.9	115.6	3	53.7	78.7	22	55.9	78.1	4
Local Seed LW 2848	57.6	66.0	12	58.8	85.6	15	47.8	52.3	5	54.1	57.9	22	59.3	104.5	11	52.4	98.3	5	55.0	77.4	5
Local Seed LW2958	58	68.8	10	58.8	82.5	17	52.4	55.8	2	55.3	62.2	15	58.9	97.9	21	50.5	97.3	6	55.7	77.4	6
UniSouth Genetics 3118	57.7	69.6	7	58.8	96.3	7	48.3	43.8	12	55.3	67.2	6	59.1	106.0	9	56.9	77.8	23	56.0	76.8	7
Croplan 8550	56.9	68.9	9	58.1	86.8	11	41.7	48.9	8	54.6	60.9	17	59.2	100.0	19	57.7	94.5	7	54.7	76.7	8
AgriMaxx 495	58	60.7	16	58.4	90.9	9	51.6	54.4	4	54.3	61.2	16	58.5	100.4	15	61.2	86.0	15	57.0	75.6	9
Syngenta SY547	59.3	57.3	21	58.5	93.9	8	46.1	36.7	17	55.4	64.0	10	58.9	107.2	7	51.2	94.1	9	54.9	75.5	10
Syngenta Richie	59.1	70.2	5	58.2	100.1	5	68.1	24.5	23	54.4	71.3	1	58.9	100.1	18	61	85.5	17	60.0	75.3	11
Syngenta Viper	57.1	70.2	6	58.3	90.8	10	45.5	43.1	13	56.1	59.9	19	59.4	100.3	16	50.2	83.5	18	54.4	74.6	12
AgriMaxx 473	57.1	64.7	13	59	86.4	14	55.1	55.6	3	53.9	56.0	23	59.2	96.8	22	58.8	82.2	20	57.2	73.6	13
UniSouth Genetics 3458	56.8	71.7	4	58.1	82.3	18	38.2	35.0	18	54.2	62.9	13	58.4	102.3	13	52	85.9	16	53.0	73.4	14
UniSouth Genetics 3536	59.8	54.8	25	59.1	79.3	22	35.5	48.0	10	54.1	57.9	21	58.4	106.5	8	62	92.1	12	54.8	73.1	15
Progeny PGYX 18-11	57.4	76.2	2	58.7	101.8	4	53.4	28.3	22	53.7	64.7	8	59.7	104.7	10	51.5	58.8	25	55.7	72.4	16
Local Seed LW 2937	57.2	67.0	11	57	66.9	25	37.3	41.8	15	52.6	58.0	20	58.2	98.4	20	50.4	99.9	3	52.1	72.0	17
Dyna-Gro 9932	58.2	57.4	20	58.9	76.4	23	51.2	60.4	1	54.1	60.4	18	58.3	92.4	23	52	79.9	21	55.5	71.2	18
Pioneer 26R10	58.3	61.3	15	58.6	82.1	19	40.6	49.7	7	53.8	53.6	25	58.6	89.3	24	50.2	90.8	14	53.4	71.1	19
Progeny #FURY	58.3	55.7	24	59.2	86.7	12	45.8	17.1	24	55.1	68.7	4	59.5	116.2	2	55.2	75.2	24	55.5	69.9	20
Southern Harvest 7200	55.7	62.6	14	59.2	97.8	6	46.4	29.4	21	55.1	63.2	12	58.4	107.7	6	55.7	58.5	26	55.1	69.9	21
Southern Harvest 4400	57.9	58.1	19	56.4	81.5	21	58.5	42.3	14	53.7	55.5	24	56.6	81.3	27	61.6	92.5	11	57.5	68.6	22
Pioneer 26R45	56.8	53.4	26	57.1	85.1	16	50	13.7	25	54.0	63.3	11	58.7	102.0	14	55.1	93.6	10	55.3	68.5	23
AgriMaxx 503	57.4	58.7	18	57.5	72.9	24	57.5	7.8	27	54.6	66.9	7	59.3	100.1	17	60.4	104.3	1	57.8	68.5	24
Croplan 8022	57.5	57.0	22	58.1	50.7	27	41.7	46.9	11	52.1	53.5	26	58	88.5	25	50.7	91.2	13	53.0	64.6	25
Progeny #BERKELEY	58.2	59.5	17	58.7	60.6	26	45.3	30.3	20	53.5	68.2	5	58.8	111.9	4	58.6	51.4	27	55.5	63.6	26
Dyna-Gro 9862	57.6	52.7	27	58.4	81.9	20	66.5	12.4	26	52.3	45.0	27	59.4	87.7	26	50.5	83.0	19	57.5	60.4	27
Avg within locations		64.0			86.1			39			62			101.9			86.3			73.2	

@ The varieties in this table are arranged and ranked in descending order according to the average yield across six locations. Within locations the varieties are ranked in descending order according to their yield. Varieties were replicated at the Gates location. Testers were utilized at the Camden, Currituck, and Perquimans locations. Freeze damage was observed at the Currituck location.

\* The average for six locations includes the Camden, Chowan, Currituck, Gates, Pasquotank, and Perquimans sites.



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<b>2019-2020 NE Ag Expo Replicated Wheat Variety Trial: Gates County</b>			
Variety	Yield (bu/A)	Test Weight (lb/bu)	Protein (%)
Syngenta SY Richie	<b>71.3</b>	54.4	11.1
Dyna-Gro Laverne	<b>70.9</b>	<b>55.5</b>	11
Pioneer P26R59	<b>70.4</b>	54.1	9.9
Progeny #FURY	<b>68.7</b>	<b>55.1</b>	10.7
Progeny #BERKELEY	<b>68.2</b>	53.5	11.1
UniSouth Genetics USG 3118	<b>67.2</b>	<b>55.3</b>	10.7
AgriMAXX 503	<b>66.9</b>	54.6	9.9
Progeny Exp. PGYX18-11	<b>64.7</b>	53.7	<b>12</b>
Southern Harvest SH 7510	<b>64.1</b>	54.7	10.8
Syngenta SY 547	<b>64</b>	<b>55.4</b>	11
Pioneer P26R45	<b>63.3</b>	54	9.6
Southern Harvest SH 7200	<b>63.2</b>	<b>55.1</b>	11.3
UniSouth Genetics USG 3458	<b>62.9</b>	54.2	9.8
CROPLAN 9606	<b>62.4</b>	54.2	10
Local Seed LW2958	<b>62.2</b>	<b>55.3</b>	11.2
AgriMAXX 495	<b>61.2</b>	54.3	10.6
CROPLAN 8550	60.9	54.6	10.5
Dyna-Gro 9932	60.4	54.1	10.9
Syngenta SY Viper	59.9	<b>56.1</b>	10.5
Local Seed LW2937	58	52.6	10.8
UniSouth Genetics USG 3536	57.9	54.1	10.3
Local Seed LW2848	57.9	54.1	10.4
UniSouth Genetics USG 3201	56.7	<b>55.4</b>	10.6
AgriMAXX 473	56	53.9	10.5
Southern Harvest SH 4400	55.5	53.7	10
Pioneer P26R10	53.6	53.8	10.4
CROPLAN 8022	53.5	52.1	10.2
Dyna-Gro 9862	45	52.3	10.8
Mean	61.7	54.3	10.6
LSD	10.2	1	0.72

Yield and test weight values in bold represent the top yield group and top test weight at this location with no significant difference from the top yielding or top test weight variety.

## 2019-2020 Northeast Ag Expo Wheat Variety Trial Production Information

County	Camden	Chowan	Currituck	Gates	Pasquotank	Perquimans
<b>Cooperator</b>	Temple Family Farms	Parish Farms	Racy & Clay Farms	Lynn Hobbs	Logan Parks	Billy & Clyde Elliot
<b>Planting Date</b>	Nov 11, 2019	Nov 9, 2019	Nov 13, 2019	Nov 14, 2019	Nov 14, 2019	Nov 11, 2019
<b>Harvest Date</b>	June 26, 2020	June 9, 2020	July 6, 2020	June 27, 2020	June 24, 2020	July 1, 2020
<b>Soil Type</b>	Augusta & Tomotley Fine Sandy Loam, Chapanoke & Perquimans Silt Loam	Altavista & Tomotley Fine Sandy Loam	Conetoe Loamy Sand	Craven Fine Sandy Loam	Tomotley Fine Sandy Loam	Augusta & Tomotley Fine Sandy Loam
<b>Previous Crop</b>	Soybeans	Peanuts	Soybeans	Peanuts	Corn	Corn
<b>Plant Pop</b>	1.9 mil/ac (Conventional Till)	1.9 mil/ac (Conventional Till)	1.9 mil/ac (No Till)	1.8 mil/ac (Conventional Till)	1.9 mil/ac (Conventional Till)	1.9 mil/ac (Conventional Till)
<b>Total Rainfall</b>	34" (Climate FieldView)	27" (Climate FieldView)	34" (Climate FieldView)	33" (Climate FieldView)	34" (Climate FieldView)	32" (Climate FieldView)



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