

**TABLE 8. ONE, TWO AND THREE-YEAR STATEWIDE AVERAGE PERFORMANCE OF WHEAT VARIETIES ( NORTH CAROLINA).**

Brand\Variety or Variety	2013		2012 - 2013			2011 - 2013		
	Yield bu/a	Test Wt. lb/bu	Two Year Mean		Test Wt. lb/bu	Three Year Mean		
			Yield bu/a	Yield Rank		Yield bu/a	Yield Rank	
Dyna-Gro Shirley	83.2	56.1	81.1	1	55.4	82.6	1	55.8
Pioneer 26R41	83.7	55.4	80.5	2	53.2			
UniSouth Genetics USG 3120	76.7	56.4	78.7	3	56.8	81.6	2	57.8
Southern States SS 8340	82.4	57.3	78.5	4	55.6	81.2	3	56.7
AgriMAXX 415	82.0	56.6	78.4	5	55.7			
Featherstone VA258	76.7	55.8	78.3	6	55.6	81.6	2	56
UniSouth Genetics USG 3665	76.8	56.5	78.3	6	55.5	78.1	8	56
Becks 113	81.3	58.0	78.2	7	55.5			
Oakes	80.6	57.9	78.2	7	58.0	78.6	6	58.3
Pioneer 26R53	80.1	56.0	77.0	8	55.5			
Becks 135	77.6	57.3	77.0	8	55.7			
Southern States SS 8404	80.2	56.3	76.9	9	55.7	77.9	10	57.1
Southern States SS 8500	80.6	56.8	76.8	10	56.1	80.3	4	57
Pioneer 26R10	81.3	56.8	76.7	11	55.6	81.2	3	56.2
AgriMAXX 427	74.9	54.5	76.4	12	54.0			
UniSouth Genetics USG 3201	79.3	57.9	76.4	12	55.2	78.5	7	56.2
Dyna-Gro 9223	79.2	54.8	75.9	13	54.3			
UniSouth Genetics USG 3555	72.7	56.1	75.9	13	54.7	78.5	7	55.3
NC Yadkin	75.1	57.2	75.7	14	55.3	77.0	14	56
Southern States SS 8350	78.3	55.4	75.4	15	54.8			
*NC08-21273	72.9	57.6	75.2	16	54.5			
Pioneer 26R20	77.1	57.2	74.7	17	55.4	78.7	5	56.5
NC Cape Fear	73.8	55.8	74.7	17	55.8	77.7	11	57
UniSouth Genetics USG 3409	75.0	56.9	74.6	18	56.7	77.0	14	57.0
UniSouth Genetics USG 3438	78.5	56.3	74.4	19	55.0	78.6	6	55.5
Progeny 185	78.4	56.7	74.3	20	54.1	75.5	17	56
Dyna-Gro 9012	78.4	57.2	74.2	21	55.2	78.0	9	56
Progeny 308	76.6	55.3	74.2	21	54.5			
AGSouth Genetics AGS 2035	73.0	56.7	74.2	21	56.5	78.6	6	56.8
Pioneer 26R22	79.0	57.7	74.1	22	55.5	77.4	13	56
SY Harrison	77.5	55.4	74.1	22	53.3			
Southern States SS 5205	72.8	55.1	73.1	23	54.6	75.0	20	55.9
Dyna-Gro Baldwin	72.4	55.2	73.1	23	53.6	76.6	15	54.9
Southern States SS 520	73.3	55.5	72.8	24	54.5	75.5	17	55.6

**TABLE 8. (CONT'D) ONE, TWO AND THREE-YEAR STATEWIDE AVERAGE PERFORMANCE OF WHEAT VARIETIES ( NORTH CAROLINA).**

Brand\Variety or Variety	2013		2012 - 2013			2011 - 2013		
	Yield bu/a	Test Wt. lb/bu	Two Year Mean			Three Year Mean		
			Yield bu/a	Yield Rank	Test Wt. lb/bu	Yield bu/a	Yield Rank	Test Wt. lb/bu
AgriMAXX 413	75.9	54.7	72.7	25	54.6			
Southern States SS 8308	75.4	53.4	72.4	26	54.3	75.0	20	56.3
Southern States SS 8641	71.4	56.4	72.1	27	55.9	74.8	21	56.7
Progeny 870	75.9	55.9	72.0	28	54.3	77.6	12	55
*NC08-23324	73.1	56.5	71.9	29	56.3			
Progeny 117	71.6	56.0	71.7	30	54.7	73.5	25	56
AG South Genetics AGS 2056	74.4	56.4	71.3	31	54.9	75.2	18	55.3
AGSouth Genetics AGS 2026	67.5	53.9	70.8	32	53.1	74.4	23	55.1
AGSouth Genetics AGS 2038	69.3	57.3	70.7	33	55.4	75.8	16	56
Dyna-Gro Yorktown	69.1	56.3	70.7	33	55.3			
Southern States SS 8302	71.8	57.5	70.4	34	55.2	75.2	18	56.4
*NC08-23089	72.8	56.5	70.3	35	56.1			
Progeny 125	69.7	55.6	70.1	36	54.0	73.7	24	55.5
SY 9978	73.8	56.2	69.5	37	54.6	74.8	21	55.6
Pioneer 26R12	70.9	55.9	69.5	37	54.7	74.6	22	56.3
Merl	70.7	56.1	69.4	38	55.8	73.1	27	56.8
Southern States SS 8700	72.1	55.9	68.6	39	54.1	75.1	19	54.9
UniSouth Genetics USG 3209	65.9	54.4	68.1	40	54.5	73.1	28	56.0
Jamestown	70.3	56.5	67.7	41	56.7	73.2	27	57.9
Progeny 357	70.5	54.3	67.4	42	53.0	73.3	26	54
*ARS 08-0047	64.3	53.6	67.0	43	53.6			
Pioneer 25R32	69.4	55.8	65.7	44	55.5	71.1	29	56.3
AgriMAXX 415 Treated**	83.6	57.2						
UniSouth Genetics USG 3523	80.8	56.2						
AgriMAXX 434 Treated**	77.0	55.8						
UniSouth Genetics USG 3251	79.5	55.5						
AgriMAXX 434	74.2	54.1						
AgriMAXX 413 Treated**	75.6	56.3						
Becks 120	76.4	55.0						
UniSouth Genetics USG 3993	78.3	57.3						
AgriMAXX 427 Treated**	78.8	54.8						
AgriMAXX 438 Treated**	76.3	56.3						
AgriMAXX 438	73.7	54.9						
UniSouth Genetics USG 3612	76.4	53.8						

**TABLE 8. (CONT'D) ONE, TWO AND THREE-YEAR STATEWIDE AVERAGE PERFORMANCE OF WHEAT VARIETIES ( NORTH CAROLINA).**

Brand\Variety or Variety	2013		2012 - 2013 Two Year Mean		2011 - 2013 Three Year Mean	
	Yield bu/a	Test Wt. lb/bu	Yield bu/a	Yield Test Wt. Rank lb/bu	Yield bu/a	Yield Test Wt. Rank lb/bu
<b>Commercial Experimentals</b>						
UniSouth Genetics USG X3404	82.1	55.6				
Progeny PGX12-12	79.8	54.2				
Progeny PGX12-3	73.7	54.4				
AgriMAXX EXP1342 Treated**	77.5	55.8				
SY 474	77.4	56.8				
AgriMAXX EXP1342	73.6	55.3				
Pioneer XW11G	73.8	56.8				
Progeny PGX12-10	72.6	55.1				
Southern States SS 8412	71.6	56.6				
<b>MEAN</b>	<b>75.6</b>	<b>54.7</b>	<b>73.7</b>	<b>55.1</b>	<b>76.7</b>	<b>56.1</b>
C.V. (%)	7.1	2.7	7.5	4.2	6.6	3.3
BLSD (K-50)	7.4	2.3	5.4	3.8	3.6	1.5
S.E.	1.3	0.3	0.8	0.4	0.6	0.2
Error d.f.	228	228	330	330	429	429
R2 (%)	73.4	72.4	62.3	50.0	78.0	62.0

\*Experimental

\*\* Treated with an insecticidal seed treatment

One year = 4 locations

Two year = 7 locations

Three year = 12 locations