

**TRITICALE: RESULTS OF THE VARIETY PERFORMANCE TRIALS AT THE  
PEE DEE RESEARCH AND EDUCATION CENTER, FLORENCE.**

COMPANY OR BRAND NAME	VARIETY OR STRAIN	--3-YEAR AVG.--		--2-YEAR AVG.--		RANK	-----2004 DATA-----			
		---2002-2004---		---2003-2004---			YIELD	TEST	PLANT	50%
		YIELD	TEST	YIELD	TEST		WEIGHT	HEIGHT	HEADED	
		(BU/A)	(LB/BU)	(BU/A)	(LB/BU)		(BU/A)	(LB/BU)	(IN)	(DATE)
RESOURCE SEEDS	TRICAL 314	83.5	46.7	91.7	46.0	2	104.8	50.0	32	
RESOURCE SEEDS	TRICAL 342	77.5	47.2	86.4	47.7	3	97.4	51.2	46	
RESOURCE SEEDS	TRICAL 498	74.0	42.2	86.9	42.3	1	106.5	47.3	40	
S. WILDLIFE SEED	MONARCH	-	-	85.1	47.5	4	97.1	50.6	46	
AG SOUTH GENETIC	AGS2000 *	-	-	64.5	55.4	7	69.2	56.3	36	
UNIV. OF FLA.	FL93078-Y18	-	-	-	-	5	96.3	50.2	45	
UNIV. OF FLA.	FL92T056-A15	-	-	-	-	6	81.4	49.5	44	
<b>AVERAGES</b>		<b>78.3</b>	<b>45.4</b>	<b>82.9</b>	<b>47.8</b>		<b>93.2</b>	<b>50.7</b>	<b>41</b>	
<b>L.S.D. (.10)</b>		<b>11.0</b>	<b>2.1</b>	<b>16.0</b>	<b>4.4</b>		<b>7.6</b>	<b>0.6</b>	<b>1.5</b>	
<b>C.V. (%)</b>		<b>8.7</b>	<b>1.4</b>	<b>8.2</b>	<b>1.4</b>		<b>6.6</b>	<b>0.6</b>	<b>1.8</b>	
<b>STD. ERROR OF ENTRY MEAN</b>		<b>3.7</b>	<b>0.7</b>	<b>5.3</b>	<b>1.5</b>		<b>3.1</b>	<b>0.2</b>	<b>0.5</b>	<b>DF=18</b>

REFER TO PAGE 3 FOR AN EXPLANATION OF THE STATISTICAL MEAN SEPARATIONS (LSD) AND TEST PRECISION (C.V.).

PLANTED: NOV. 25, 2003                      MANAGEMENT: V-RIPPED AND FIELD CULTIVATED.  
HARVESTED: JUNE 10, 2004                  HERBICIDE: 0.75 LB/ACRE 2,4-D  
SOIL TYPE: NORFOLK LOAMY SAND          SEEDING RATE: 3.0 BU/AC  
SOIL TEST: P=LOW+, K=MEDIUM-, pH=5.9  
FERTILIZATION:  
PREPLANT: 427 LB/AC 7-23-17  
TOPDRESS: 70 LB/AC N.  
• WHEAT, BU/AC CALCULATED USING TEST WEIGHT OF 60 LB/BU

TRITICALE, BU/AC CALCULATED USING TEST WEIGHT OF 48 LB/BU