

**TRITICALE: RESULTS OF THE VARIETY PERFORMANCE TRIALS AT THE
SIMPSON EXPERIMENT STATION, CLEMSON.**

COMPANY OR BRAND NAME	VARIETY OR STRAIN	--3-YEAR AVG.--		--2-YEAR AVG.--		-----2004 DATA-----				
		---2002-2004---		---2003-2004---		RANK	YIELD	TEST	PLANT	50%
		YIELD	TEST	YIELD	TEST		(BU/A)	(LB/BU)	HEIGHT	HEADED
		(BU/A)	(LB/BU)	(BU/A)	(LB/BU)				(IN)	(DATE)
RESOURCE SEEDS	TRICAL 342	108.7	49.8	109.7	49.1	1	112.6	52.4	44	4/19
RESOURCE SEEDS	TRICAL 314	107.5	49.7	102.1	49.5	2	97.5	52.5	33	4/17
RESOURCE SEEDS	TRICAL 498	94.8	46.6	93.9	45.4	3	95.2	49.0	37	4/17
S. WILDLIFE SEED	MONARCH	-	-	93.6	50.2	4	89.5	52.4	42	4/18
AGSOUTH GENETICS	AGS2000 *	-	-	76.2	55.8	7	74.1	57.9	32	4/22
UNIV. OF FLA.	FL92T056-A15	-	-	-	-	5	88.8	50.5	45	4/17
UNIV. OF FLA.	FL93078-Y18	-	-	-	-	6	86.5	52.2	44	4/20
AVERAGES		103.6	48.7	95.1	50.0		92.0	52.4	39	4/18
L.S.D. (.10)		12.0	1.6	10.0	1.9		5.7	1.5	4.2	
C.V. (%)		6.5	3.6	6.0	1.8		5.0	1.5	5.5	
STD. ERROR OF ENTRY MEAN		4.0	0.5	3.3	0.6		2.3	0.6	1.5	DF=18

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

PLANTED: DEC. 2, 2003 MANAGEMENT: CHISEL PLOW AND DISK.
HARVESTED: JUNE 7, 2004 HERBICIDE: 0.75 LB/ACRE 2,4-D
SOIL TYPE: CECIL SANDY LOAM SEEDING RATE: 3.0 BU/AC
SOIL TEST: P=HIGH, K=MEDIUM, pH=6.8
FERTILIZATION:
PREPLANT: 250 LB/AC 12-33-16
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