

Table 10. Triticale & Triticale vs. Oats Trials

COOPERATOR	YEAR	TRITICALE TREATMENT			OAT TREATMENT
		DESCRIPTION	YIELD (bu.)	UNITS	DESCRIPTION
DORDT COLLEGE	2003	SPRING TRITICALE (Trimark 37812)	91.3	(BU.)	OAT
			5,112	(LBS GRAIN)	
			1.88	(T STRAW)	
MUGGE	2003	SPRING TRITICALE (Trimark 37812)	67.1	(BU.)	OATS ('JERRY')
			3,756	(LBS GRAIN)	
			1.1	(T STRAW)	
DORDT COLLEGE	2004	SPRING TRITICALE (Trimark 37812)	59.3	(BU.)	OAT
			3,320	(LBS GRAIN)	
			0.73	(T STRAW)	
MUGGE	2004	SPRING TRITICALE (Trimark 37812)	53.2	(BU.)	OAT
			2,980	(LBS GRAIN)	
			—	(T STRAW)	
MUGGE	2003/2004	FALL TRITICALE (NE 426GT)	90.0	(BU.)	
			5,040	(LBS GRAIN)	
MUGGE	2004/2005	(NE 426GT)	70/3,920	(BU./LBS)	
MUGGE	2005/2006	(NE 426GT)	84/4,704	(BU./LBS)	
MUGGE	2006/2007	(NE 426GT)	65/3,640	(BU./LBS)	

Oat prices: 2003, \$1.56; 2004, \$1.30. Triticale prices based on corn: 2003, \$2.05; 2004, \$2.10.

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OAT TRT.		DIFFERENCE				COMMENT
YIELD	UNITS	YIELD DIFF.	YLD LSD	YLD SIG.	TRITICALE \$ BENEFIT	
153.8	(BU.)	-62.5	20.3	*		OAT MARKET VALUE (\$1.56) VS. TRITICALE PRICE BASED ON CORN (\$2.45)
4,922	(LBS GRAIN)	-190	805	N.S.	-\$72.90	ACTUAL GRAIN WEIGHTS ARE ALMOST THE SAME
2.29	(T STRAW)	0.41	0.15	*		TRITICALE HAS GREATER FEED VALUE PER POUND
121.5	(BU.)	-54.4				OAT MARKET VALUE (\$1.56 CONVENTIONAL) VS. TRITICALE PRICE BASED ON CORN (\$2.45 CONVENTIONAL)
3,888	(LBS GRAIN)	-132	373	N.S.	-\$69.07	ACTUAL GRAIN WEIGHTS ARE STATISTICALLY THE SAME
1.4	(T STRAW)	-0.3				TRITICALE HAS GREATER FEED VALUE PER POUND
153.4	(BU.)	-94.1				OAT MARKET VALUE (\$1.48) VS. TRITICALE PRICE BASED ON CORN (\$2.39)
4,909	(LBS GRAIN)	-1,589	364	*	-\$108.89	
1.41	(T STRAW)	-0.68		—		TRITICALE HAS GREATER FEED VALUE PER POUND
103.4	(BU.)	-50.2				YIELDS WERE NOT STATISTICALLY DIFFERENT, SO THE ECONOMICS PROBABLY ACTUALLY FAVOR TRITICALE
3,308	(LBS GRAIN)	-328	1,074	N.S.	-\$22.70	
—	(T STRAW)			—		NO STRAW YIELDS COLLECTED
						79 BU. OVERALL FOR FARM. FALL VARIETIES YIELD BETTER THAN SPRING VARIETIES OF TRITICALE. SPRING VARIETIES ARE BETTER NURSE CROPS FOR FORAGE ESTABLISHMENT.
						OVERALL YIELD FOR FARM
						OVERALL YIELD FOR FARM
						APRIL FREEZE REDUCED STAND