

OLNEY — 2006 COOL-SEASON FORAGE TRIAL

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Purpose: To provide unbiased yield data for cool-season forage producers across the state. With this information, Texas forage producers can make an educated decision about the most appropriate cool-season forage for their geographic region.

Location: Olney, TX

Cooperators: Kenneth and Kerry Lowe

Planting date: October 3, 2005

Soil conditions at planting: adequate moisture

Precipitation: limited season-long

Temperatures:

Low temperature: 9° F on December 8

Date of last freeze: March 25

Total days of freezing temperatures 32° F or below: 49

(National Weather Service records for Wichita Falls)

Fertility: 70 lb/A anhydrous ammonia and 56 lb/A 10-34-0 applied before plant, 140 lb/A 32-0-0 (UAN) top-dress applied February 1.

Weed control: Pre-plant burndown herbicide was applied prior to crop emergence; On December 15, Finesse was applied to manage broadleaf weeds in the cereal crops and 2,4-DB was applied for managing broadleaf weeds in legume forage crops.



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OLNEY COOL-SEASON FORAGE TRIAL – 2006

Name	Class	Forage yield (lbs. dry matter / acre)		
		3/14/06	5/9/06	Total
Textri [†]	triticale	1870.2	2467.5	4337.7
Coker 9553	soft wheat	2584.3	1605.7	4190.0
Trit2 [‡]	triticale	1657.2	2381.9	4039.2
TXV1117*	hard wheat	1646.9	2350.1	3997.0
TAMCALE 6331	triticale	1943.3	1900.7	3844.0
TAM 111	hard wheat	1887.6	1829.0	3716.5
Elbon	cereal rye	1197.4	2510.4	3707.8
AGRTS 101*	triticale	1164.6	2454.1	3618.7
Trical 348	triticale	1289.1	2279.7	3568.8
Horizon 314	oat	1603.0	1909.9	3512.9
Fannin	hard wheat	2056.1	1456.4	3512.4
TXD 3232*	hard wheat	2097.9	1401.8	3499.7
Harrison	oat	1529.2	1931.3	3460.5
Sturdy 2K	hard wheat	1569.4	1881.5	3450.9
Endurance	hard wheat	1272.1	1986.4	3258.5
Buck Forage	oat	1297.4	1927.1	3224.4
TAMCALE 5019	triticale	1517.5	1692.7	3210.2
HG-9	hard wheat	1659.3	1403.9	3063.2
Cutter	hard wheat	1502.9	1546.4	3049.4
Deliver	hard wheat	1444.1	1602.7	3046.8
Dallas	oat	1409.1	1481.8	2890.9
Longhorn	hard wheat	1194.6	1538.9	2733.5
TX96DO93*	oat	1079.6	1640.3	2719.9
Coronado	hard wheat	1444.3	1207.5	2651.8
TAMO 405	oat	1379.5	1237.4	2616.9
Coker 9663	soft wheat	1435.7	1180.2	2615.9
TXO2U7344*	oat	717.7	1858.0	2575.6
TXO2U7473*	oat	1008.3	1505.2	2513.5
Doyce	barley	1568.8	793.6	2362.4
Mason	soft wheat	1500.2	792.0	2292.2
Crawford	soft wheat	1172.7	1096.6	2269.3
Price	barley	903.4	1337.2	2240.6
TAM 90	ryegrass	294.1	1895.6	2189.7
Callao	barley	858.5	1297.4	2155.9
Thoroughbred	barley	831.7	1272.1	2103.8
Austrian Winter Pea	legume	447.6	1474.7	1922.3
Auburn	legume	230.0	1687.6	1917.6
Medallion	legume	467.0	1160.0	1627.1
Hubam	legume	0.0	1534.0	1534.0
Nomini	barley	656.3	763.6	1419.8
	Mean	1284.7	1631.8	2916.5
	LSD (.05)	583.4	702.6	1080.5

* Experimental breeding line

[†] Textri is a variety blend by Richardson Seeds.

[‡] Trit2 is a variety blend by Warner Seeds.



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