

MCGREGOR — 2006 COOL-SEASON FORAGE TRIAL

Gaylon Morgan, State Small Grains Specialist

Ben McKay, Extension Assistant

Jacob Shaffer, Graduate Assistant

Donald Kelm, McLennan County Agent

Texas Cooperative Extension, TAMU

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: McGregor, TX

Cooperators: Texas A&M University Agricultural Research Center, McGregor

Planting date: October 4, 2005

Soil conditions at planting: adequate moisture

Precipitation: limited season-long

Temperatures:

Low temperature: 17° F on December 9

Date of last freeze: March 24

Total days of freezing temperatures 32° F or below: 34
(National Weather Service records for Waco)

Fertility: 275 lb/A 18-9-3 applied before plant, 140 lb/A 32-0-0 (UAN) top-dress applied February 1.

Weed control: None.



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MCGREGOR COOL-SEASON FORAGE TRIAL – 2006

Name	Class	Forage yield (lbs. dry matter / acre)		
		12/21/06	3/27/06	Total
TX96DO93*	oat	108.9	6967.9	7076.8
Trit2 [†]	triticale	430.4	6539.2	6969.6
TAMO 405	oat	176.3	6645.6	6821.9
TAMCALE 6331	triticale	409.7	6302.9	6712.6
Longhorn	hard wheat	280.0	6068.5	6348.5
Dallas	oat	103.7	6206.7	6310.4
Textri [‡]	triticale	378.6	5890.0	6268.6
Horizon 314	oat	103.7	6064.4	6168.1
AGRTS 101*	triticale	186.7	5899.5	6086.2
Fannin	hard wheat	228.2	5802.2	6030.4
TXO2U7473*	oat	223.0	5750.1	5973.1
TXO2U7344*	oat	114.1	5858.0	5972.1
Thoroughbred	barley	311.1	5427.1	5738.2
Coker 9553	soft wheat	202.2	5418.0	5620.3
TAMCALE 5019	triticale	321.5	5292.8	5614.3
Buck Forage	oat	160.8	5354.9	5515.7
Trical 348	triticale	171.1	5335.5	5506.6
Callao	barley	171.1	5295.8	5466.9
TXD 3232*	hard wheat	171.1	5174.6	5345.7
Sturdy 2K	hard wheat	197.1	5102.3	5299.3
Doyce	barley	212.6	4939.7	5152.3
Harrison	oat	321.5	4769.3	5090.8
TXV1117*	hard wheat	212.6	4815.6	5028.2
Elbon	cereal rye	114.1	4815.5	4929.5
Mason	soft wheat	212.6	4659.6	4872.2
Deliver	hard wheat	165.9	4704.6	4870.5
Coronado	hard wheat	269.7	4524.3	4794.0
Coker 9663	soft wheat	98.5	4639.1	4737.6
HG - 9	hard wheat	290.4	4387.2	4677.6
Crawford	soft wheat	114.1	4095.7	4209.8
TAM 111	hard wheat	165.9	4037.4	4203.3
Price	barley	181.5	3226.6	3408.1
Endurance	hard wheat	171.1	3208.0	3379.2
Cutter	hard wheat	274.8	2842.1	3117.0
Nomini	barley	264.5	4185.8	3055.0
Austrian Winter Pea	legume	233.4	2591.7**	2801.7
Hubam Sweetclover	legume	134.8	3977.8**	2228.0
TAM 90	ryegrass	62.2	1762.6**	1824.8
Medallion alfalfa	legume	62.2	1478.4**	1564.0
	Mean	202.8	4801.8	4908.5
	LSD (.05)	249.4	1531.6	1714.5

* Experimental breeding line

** Second harvest occurred 4/20/06, not 3/27/06.

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

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



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