



TO: Commercial Companies Interested in the 2018 Texas Forage Sorghum Silage Variety Trial

FROM: Dr. Ronnie Schnell, State Cropping Systems Specialist; Dr. Jourdan Bell, Assistant Professor, Agronomist, and Katrina Horn, Crop Testing Program Coordinator

Similar to the past several years, a Sorghum Forage **Silage** Performance Trial will be conducted near Bushland located a few miles west of Amarillo, Texas. Dr. Jourdan Bell will be the collaborator for the test. The test will be conducted under a center-pivot irrigation system on a producer's field. As in previous years, data collected will include days to 50% flower, percent lodging, plant height, forage yield, forage analyses, and grain yield, if desired. Hybrids will be blocked by the provided maturity class. Forage yield on the silage test will be harvested with a mechanical chopper when the average grain maturity stage is soft-dough for the block, which will generally correspond to approximately 68% whole plant moisture. Any photoperiod sensitive entries will be harvested when the latest maturing grain producing hybrids are harvested. **Entry fee is \$300 for yield (biomass only), \$145 for a lab fee which would include NIR nutrient analysis, and \$100 for grain yield, or a total of \$545 /entry for all three components. You can select any or all three based on your needs.**

FSA is requesting that the list of forage sorghum varieties eligible for the loan deficiency program be reviewed and updated based on requested grain yield data from this trial.

The producer has agreed not to glean the field until the last of the grain has been harvested.

On the attached pages, you will find the information necessary to make entries into the test. If you have any questions regarding the test, please contact

Dr. Jourdan Bell	806-677-5663	Jourdan.Bell@ag.tamu.edu
Katrina Horn	979-845-8505	khorn@tamu.edu
Dr. Ronnie Schnell	979-845-2935	ronschnell@tamu.edu



## 2018 TEXAS HIGH PLAINS FORAGE SILAGE PERFORMANCE TEST

Texas A&M AgriLife Research  
Official Entry Form

Company: \_\_\_\_\_

Person to Contact: \_\_\_\_\_ Telephone: \_\_\_\_\_

Address: \_\_\_\_\_

E-Mail: \_\_\_\_\_

Below is general information regarding participation in the forage silage performance test:

- Entry fee is \$300/entry. Yield and field notes only.
- **OPTION 1:** In addition to silage yield, silage samples from all 3 replications will be analyzed using NIR for forage quality composition at \$145/entry.
- **OPTION 2:** Grain yield will be collected for an additional \$100/entry.
- Seed will be packaged for a population of 80,000 plants per acre.
- Please print or type entries(s) as you want them to appear in final print.
- **The trial is limited to the first 100 entries. Please limit the number of entries to a maximum of 10 per company.**
- Please denote experimental entries by placing an (X) after the product designation.
- Test will consist of 4-row plots, replicated 3 times.
- **We are encouraging you to treat seed with a seed insecticide such as Gaucho or Cruiser, but it is not a requirement. Please label the type of seed insecticide used. No soil insecticide will be applied at planting. Due to a change in our herbicide program, please make sure seeds are treated with a seed safener such as Concep III.**
- Indicate maturity by using the following letters: E (early), ME (medium early), M (medium), ML (medium late), L (late), PS(photoperiod sensitive).
- Indicate Brown Midrib Trait with Y(yes) or N(no).
- Indicate Male Sterility with Y(yes) or N(no).
- **Indicate if entry is brachytic with Y (yes) or N (no).**
- Indicate if grain yield is desired with Y (yes) or N (no).
- One pound of seed is needed for each entry to be planted. If seed is limited, please contact us. We will try and accommodate you with your seed supply.
- Please make sure packages are securely wrapped and labeled.
- **Seed and entry form is due by April 15, 2018.**
- If you cannot meet the deadline, please contact us. We may be able to include your hybrid(s) before final planting if arrangements are made.
- Anticipated planting date is late-May to early-June

**2018 TEXAS HIGH PLAINS FORAGE SILAGE PERFORMANCE TEST ENTRY FORM**

	Hybrid Name	Sorghum Type FS, SS, SU [1]	Maturity [2]	BMR trait [3]	Brachytic Trait [4]	Male Sterile [5]	Base Fee: Yield \$300/entry	Option 1: Lab Fee \$145/entry	Option 2: Grain Yield \$100/entry	Total Fee \$
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
	TOTAL \$\$									

- 1 FS – Forage Sorghum, SS – Sorghum/Sudangrass, SU – Sudangrass
- 2 Use letters E, ME, M, ML, L, PS
- 3 Use letters Y(yes) or N(no)
- 4 Use letters Y(yes) or N(no)
- 5 Use letters Y(yes) or N(no)

**Please note that the entry form may be mailed or emailed to:**

**Send entry form and payment to:**  
**Crop Testing Program**  
**ATTN: Katrina Horn**  
**2474 TAMU**  
**College Station, TX 77843-2474**

**Office Phone**  
**979-845-8505**

**Send seed to:**  
**Crop Testing Program**  
**ATTN: Katrina Horn**  
**405 Turk Road**  
**College Station, TX 77843**

**Email**  
**khorn@tamu.edu**

**Make checks payable to Crop Testing Program, Texas A&M AgriLife Research**

Internet Address: <http://varietytesting.tamu.edu/grainsorghum>