

OKLAHOMA GRAIN AND SORGHUM SILAGE PERFORMANCE TESTS

Under the Direction of
Department of Plant and Soil Sciences
Oklahoma Agricultural Experiment Stations
Oklahoma State University
Stillwater, Oklahoma 74078-6028

The Department of Plant and Soil Sciences will conduct performance trials on grain sorghum at five (5) locations in Oklahoma; the Oklahoma Panhandle Research and Extension Center, Goodwell, the Southwest Agronomy Research Station, Tipton and Altus, Keyes in Cimarron County and Blackwell in Kay County. We will plant both limited irrigation (10 inches) and non-irrigated (dry-land) tests at Goodwell with dry-land trials at other locations. Grain yield, test weight, plant populations, head population, and percentage bird damage data from these tests will be collected and published. Also a sorghum silage trial will be conducted at OPREC. This trial will be conducted with limited irrigation (8 inches). Silage yield & nutritive values will be collected and published.

Please understand that the Department of Plant and Soil Sciences, Oklahoma Agricultural Experiment Stations will be in charge of all tests and that the Department assumes no liability to any individual or firm making an entry beyond fair and just conduct of the test.

Eligibility

Any individual or company is eligible to enter any grain sorghum hybrid or variety as described in Section 8-112 of the Rules and Regulations of the Oklahoma Seed Law. Copies of the Oklahoma Seed Law may be obtained from: Oklahoma Department of Agriculture, Plant Industry & Consumer Services, P.O. Box 528804, Oklahoma City, Oklahoma 73152.

Entry Forms and Fees

Submitting a completed entry form initiates entry. You may list up to 10 entries per form. Copy the entry form if more space is needed. The entry fee is \$500 per hybrid for all trial locations, \$300 for panhandle locations, \$300 for (Altus, Blackwell and Tipton), \$150 for irrigated trial only, \$200 for sorghum silage and is payable at the time of entry. Make your check payable to the *Department of Plant and Soil Sciences, Oklahoma State University*. Please indicate that the check is for the **Sorghum Hybrid Testing Program**. Receipt of the completed entry form and fee by April 1 enters a hybrid in the trials.

Mail completed entry form and fee to: Rick Kochenower
Area Research and Extension Specialist, Agronomy
Route 1, Box 86M
Goodwell, Oklahoma 73939-9705

Seed for Planting Tests and Delivery of Seed

Please deliver five (5) pounds of seed of each grain sorghum hybrid, prepaid to the above address by April 1, 2009. Identify all seed containers as to contents, fungicide or insecticide present and germination. ***Please treat grain sorghum entries with Concept or Screen seed protectants, and an insecticide treatment Gaucha or Cruiser.***

2009 Oklahoma Grain Sorghum Performance Tests
Department of Plant and Soil Sciences
Oklahoma Panhandle Research & Extension Center
Goodwell, Oklahoma 73939

FROM: Company _____ Submitted by _____

Address _____ Address _____

Telephone _____ Telephone _____

Fax _____ Fax _____

Email _____ Email _____

Date _____

Deadlines:

ENTRY FORMS AND SEED – April 1

ENTRY FEE - \$500.00 (per entry, all trials)

\$300.00 (per entry, Panhandle only)

\$300.00 (per entry, Altus, Blackwell,

and Tipton only)

\$150.00 (per entry, limited irrigation only)

5 POUNDS OF SEED REQUIRED

In making the entry, it is understood that the Oklahoma Agricultural Experiment Station will be in full charge of all tests and that the station assumes no liability to any individual or firm making an entry beyond fair and just conduct of the tests.

Please place the following entry/ies in the Oklahoma Grain Sorghum Performance Tests. Enclosed is a check for \$ _____

SIGNATURE OF RESPONSIBLE OFFICIAL _____

Hybrid Designation	(Choose from key) * Trial Locations	Days to Mid-Bloom	Type of Cross	Color of Seed Coat	Endosperm Type	Bird Resistance	Maturity Group	Greenbug Resistance Biotype	Germ %
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									

Type Cross
 SX – Single
 MSX – Modified Single
 DX – Double
 SPX – Special ®

Color Codes
 BR – Brown
 W – White
 Y – Yellow
 R – Red
 BZ – Bronze

Endosperm Type Code
 HW – Heterowaxy
 N – Non-waxy
 W – Waxy
 HY – Heteroyellow
 Y – Yellow

Insect resistance Code
 S – Susceptible
 T – Tolerant
 R – Resistant

Maturity Group
 1. Early – Less than 60 days
 2. Medium – 60-70 days to mid-bloom
 3. Late – 70+ days to mid bloom

Greenbug Resistance Biotype
 C
 E
 I
 K

*** Trial Location ***
1 - All
2 – Panhandle Only
3 – Altus, Blackwell, Tipton Only
4 – Limited Irrigation Only

Seed Treatment
(if used)

Fungicide _____ Insecticide _____

**2009 Oklahoma Sorghum Silage Performance Tests
 Department of Plant and Soil Sciences
 Oklahoma Panhandle Research & Extension Center
 Goodwell, Oklahoma 73939**

FROM: Company _____ Submitted by _____
 Address _____ Address _____
 Telephone _____ Telephone _____
 Fax _____ Fax _____
 Email _____ Email _____

Date _____

Deadlines:
ENTRY FORMS AND SEED – April 1
ENTRY FEE - \$200.00
 (per entry, irrigated only)
5 POUNDS OF SEED REQUIRED

In making the entry, it is understood that the Oklahoma Agricultural Experiment Station will be in full charge of all tests and that the station assumes no liability to any individual or firm making an entry beyond fair and just conduct of the tests.

Please place the following entry/ies in the Oklahoma Sorghum Silage Performance Tests. Enclosed is a check for \$_____.

SIGNATURE OF RESPONSIBLE OFFICIAL _____

Hybrid Designation	Sorghum Type	Maturity	Male Sterile Or Photosensitive	Brown Mid-Rib	Germ %				
1.									
2.									
3.									
4.									
5.									
6.									
7.									
8.									
9.									
10.									

Seed Treatment
(if used)

Fungicide _____ Insecticide _____