

16 January 2023

Memorandum

To: Sponsoring Agencies

From: Ryan Heiniger, Director - Official Variety Testing Program

Subject: 2023 North Carolina Official Sorghum Variety Trials

It is time to submit applications and entries in the 2023 North Carolina Sorghum Official Variety Trials. We will plant at 2 locations in 2023: Bertie and Washington counties. Each location will include both full season (May) and double-crop planting (June) dates, and each entry will be entered into both planting dates at both locations.

All varieties will be planted in small plots (5 feet wide x 25 feet long) on a 30 inch row spacing and will be replicated four times. Best management practices on fertility levels for P, K, and micronutrients and for weed control will be followed on all plots. Fifty lb/A of N will be applied at planting with 70 lb/A applied at layby. Full season tests will be planted from May 10 to May 30 and double-crop tests from June 5 to June 30. Fungicide and insecticide will be applied to all plots based on scouting and threshold levels.

Please send your application by March 15 and send seed by April 15 for inclusion in North Carolina Variety testing. A \$100 late fee per entry will be charged for any seed arriving after April 15th. We will start planting May 10. If your seed does not arrive in time to include in the first planting, it will not be included in any trials.

Thank you for your sponsorship.

Disclaimer:

Seed received for testing will be used solely for that purpose. North Carolina State University will not isolate or have isolated, sequence or have sequenced, or analyze or have analyzed genetic material from seed received, and shall not use any biotechnology processes to manipulate the seed. Seed received will not be transferred to a third party. North Carolina State University agrees not to use the seed of any experimental lines for plant breeding or seed stock increases. North Carolina State University retains the right to make crosses with commercially released, non-transgenic, non-patented varieties.

SORGHUM
Application Instructions
North Carolina State University

APPLICATION LINK:

[Sorghum Entry Form](#)

APPLICATION DEADLINE: March 15

SEED DEADLINE: April 15

SEEDING RATE: 100,000 seeds/acre

SEED REQUIREMENTS: 5 lbs per entry

SEED TREATMENT:

Sorghum entries are permitted to have commercially available fungicide and/or insecticide seed treatment applied at a labeled rate. It is required to specify all seed treatment products and rates on the application, as well as to tag all seed with seed treatments applied.

FEES:

- \$110 per entry/test = **\$440.00 per entry**
 - 2 locations
 - 2 tests per location (Full Season and Double-crop)

SHIPPING: Send seed to:

Official Variety Testing Program
3709 Hillsborough Street
Raleigh, NC 27607

Refund policy: No compensation for loss of data due to weather or other uncontrollable variables.

**PLEASE DO NOT SEND PAYMENT UNTIL
INVOICE HAS BEEN RECEIVED.**