

January 27, 2023

TO: Grain Sorghum Seed Companies

FROM: Sally Jones-Diamond, Director - Crops Testing Program
Kevin Larson, Director - Plainsman Research Center
Kevin Tanabe, Farm Manager - Arkansas Valley Research Center

Colorado State University promotes crop variety testing as a service to Colorado's crop producers and the companies who serve them. We take pride in producing results that can be trusted as we maintain high standards for reporting and trial integrity. We hold producer field days at three of the sorghum locations. Results of our 2022 and previous year's trials are published on the CSU Crops Testing [website](#) and in our annual Technical Report.

In 2023 we will have three limited-irrigation grain sorghum trials (Brush, Rocky Ford, and Walsh) in addition to four dryland trials (Akron, Seibert, Sheridan Lake, and Walsh). Akron, Brush, and Seibert are in northeast Colorado, while Sheridan Lake, Rocky Ford, and Walsh are in southeast Colorado. A map showing the general trial locations is linked [here](#).

The entry fee for each hybrid is \$290 per trial and we request 1 pound of seed/entry, *except for the irrigated strip trial at Walsh, which will require 15 lb of seed/entry*. The Walsh irrigated strip trial will differ from the rest of the trials in that it will be a large strip test with two replicates, instead of the regular small-plot trials with three to four replicates. Trial data that will be collected and reported includes grain yield, test weight, plant height, emerged plant population, plant lodging (if applicable), days to mid-bloom (select locations), and harvest population/viable head counts (select locations).

Please provide relative maturity information for each hybrid entered in the trials (early, medium-early, medium, medium-late, or late). It is recommended that hybrids entered in the Akron, Ft. Morgan, and Seibert trials be no later than medium-early maturity. *We ask that all entries be treated with an insecticide containing product such as clothianidin (Poncho), imidacloprid, or thiamethoxam (Cruiser), along with a herbicide safener such as fluxofenim (Concep III).*

The Excel entry form can be filled out and returned by attaching it to an email to sally.jones@colostate.edu and candace.talbert@colostate.edu. If you are interested in having us conduct dedicated company sorghum trials (agronomy or others) please contact Sally Jones-Diamond at (970) 214-4611.

The completed entry form is due on or before April 3, 2022. The entry fee is \$290 per entry per location, and the payment is due on or before April 25, 2022.

Send payments (payable to Colorado State University) to:

CSU Crops Testing Program
1170 Campus Delivery
Fort Collins, CO 80523-1170

Phone: (970) 214-4611
Email: sally.jones@colostate.edu

For all trials *except* the Walsh irrigated strip trial, send seed to:

Ed Asfeld
Crops Testing Program
40335 County Road GG
Akron, CO 80720
Phone: (970) 554-0980

Seed should arrive in Akron by April 24, 2022.
Please send a minimum of 1 pound/entry for each trial.

For the Walsh Irrigated strip trial, send seed to:

Kevin Larson
Plainsman Research Center
42790 Hwy 160
Walsh, CO 81090

Seed should arrive in Walsh by April 24, 2022.
Please send a minimum of 15 pounds/entry.