

APPLICATION FOR THE UNIVERSITY OF TENNESSEE CORN GRAIN HYBRID TESTS

Company or Organization Name: _____

Trial Contact

Name: _____ E-mail: _____ Phone Number: _____

Contact information to be printed in the variety test report (if different than above)

Name: _____ E-mail: _____ Phone Number: _____

Website _____

No.	Entry Name ¹	Relative Maturity ²	Herbicide Tolerance	Insect Tolerance	Refuge in Bag (Y/N)	Seed Treatment
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

¹ Please list entry as you want it to be listed in the published results. If the entry has been evaluated under a previous designation, please indicate the previous designation in parentheses after the entry name.

² Relative maturity in days after planting (DAP), e.g. 100, 110, 115, 117, etc.

Entry Requirements

Price:

- Private Institution: \$600
- Public Institution: \$200

Application Deadline: Feb. 15th

Seed Shipment Deadline: Feb. 28th

Seed amount: 8,000 kernels

Seed Treatment: Seed of each entry should be treated with a fungicide and systemic insecticide. All seed sent must be clearly labeled as to what product(s) and treatment rates were used. We will not apply any seed treatments.

Drop/Substitution Policy: After applications are submitted, entries may be dropped and substitutions can be made until test randomization is complete; notification will be given at least 2 days prior to trial randomization. For any entries dropped or absent after test randomization, submission fees are still due and must be paid in full.

Application, contribution, and seed should be sent to:

Virginia R. Sykes
Dept. of Plant Sciences
University of Tennessee
2431 Joe Johnson Drive Rm 252
Knoxville, TN 37996-4561

Phone: 865-974-7285 (office), 757-407-5160 (cell)
Fax: 865-974-1947
Email: vsykes@utk.edu

Trial Information

Tests: Entries will be assigned to the early- (<114 DAP), medium- (114 – 116 DAP), or full-season test (>116 DAP) based on relative maturity.

Design: Entries will be arranged in a randomized complete block design with three replications. Plots will be 30 ft long and consist of 2 rows at 30 in spacing. Tests will be conducted at 7 to 8 locations which are representative of the diverse physiographic crop production regions of Tennessee.

Locations:

Irrigated

1. East Tennessee Research and Education Center, Plant Sciences Unit, Knoxville, TN
2. Highland Rim Research and Education Center, Springfield, TN
3. Middle Tennessee Research and Education Center, Spring Hill, TN
4. Research and Education Center at Milan, Milan, TN
5. West Tennessee Research and Education Center, Jackson, TN
6. AgriCenter International, Memphis, TN*

Non-irrigated

1. Highland Rim Research and Education Center, Springfield, TN
2. Research and Education Center at Milan, Milan, TN

*the full season test is not evaluated at AgriCenter

Data Collected:

1. Yield (bu/ac)
2. Plant Height
3. Ear Height
4. Lodging
5. Test Weight*
6. Protein*
7. Oil*
8. Starch*

*Knoxville location only

Management: Trials will be planted with a goal of 36,000 plants per acre for irrigated plots and 34,000 plants per acre for non-irrigated plots. Fertility and pesticide applications will follow UT Extension recommendations.

Reports: Data for all entries will be published annually in an Extension publication that will be distributed to Tennessee extension educators, producers, industry representatives, researchers, and other clientele requesting copies. Results are also posted at search.utcrops.com as a pdf, excel tables, and mobile friendly, searchable, sortable tables. Every possible effort will be made to plant, harvest, summarize, and publish the results from each entry submitted. However, if unforeseen circumstances or weather conditions occur causing loss of the crop and data, no liability on behalf of UT or UT personnel is either expressed or implied.