APPLICATION FOR THE UNIVERSITY OF TENNESSEE CORN SILAGE HYBRID TEST

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 (REQUIRED)
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

Financial Support:
- Private Institution: $1,000
- Public Institution: $250

Application Deadline: Feb. 15th

Seed Shipment Deadline: Feb. 28th

Seed amount: 10,000 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 up to the application deadline. For entries dropped or absent after the application deadline, submission fees are still due and must be paid in full. Substitutions are permitted.

Entry Criteria: Entries must be submitted by companies selling (or intending to sell) corn seed in Tennessee. Entries must not contain genes that are subject to USDA permit restrictions on field testing.

Application, contribution, and seed should be sent to:

Virginia R. Sykes
Dept. of Plant Sciences
University of Tennessee
112 Plant Biotech Bldg.
2505 EJ Chapman Dr.
Knoxville, Tennessee
37996-4561

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

Trial Information

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 five research center locations which are representative of the diverse physiographic crop production regions of Tennessee.

Locations:
1. Springfield, TN – Highland Rim AgResearch and Education Center
2. Spring Hill, TN – Middle TN AgResearch and Education Center
3. Knoxville, TN – East TN Research and Education Center, Plant Sciences Unit
4. Greeneville, TN – Northeast TN AgResearch and Education Center
5. Crossville, TN - Plateau Research and Education Center

Data Collected:
1. Yield (dry weight, 65% moisture)
2. Plant Height
3. Ear Height
4. Lodging
5. Forage Quality (Crude Protein, NDF, 30h IV NDFD, Starch, ADF, TDN, NEL, milk/ton, milk/acre)

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.

Data Reporting: Preliminary data are reported to all entrants after they are checked for accuracy and statistically analyzed. Final results 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. Final 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.

Seed Use: Seed received for OVT testing will be used solely for that purpose. The University of Tennessee 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 for testing will not be transferred to any party outside the research staff at the aforementioned locations. The University will not use the seed for plant breeding or seed stock increases.