

**2022 Kentucky Specialty
Soybean Variety
Performance Tests
-Entry Nomination Form for
Specialty Soybean Trials-
University of Kentucky**



The Kentucky Soybean Specialty Tests are conducted to provide an unbiased and objective estimate of the relative performance of soybean varieties grown in Kentucky.

The 2022 Soybean Variety Trials will be conducted in the major Kentucky soybean production regions. If you have soybean varieties for sale in Kentucky and would like to enter them in the state trials, please fill out this nomination form by **February 25th, 2022**. After reception of the nomination form, a notification will be sent to you to confirm that your varieties have been accepted in the trials. Five tests, defined by the varieties relative maturity groups (MG): MG II (2.0-2.9), MG III (3.0-3.9), MG IV early (4.0-4.5), MG IV late (4.6-4.9), and MG V (5.0-5.9), will be planted at each location.

The fee for each entry is \$504. Treated seeds are accepted. Seed treatment name(s) must be either stated in the nomination form or provided with the seed bags. For each variety in the tests, 10-12 lb seed bags must be shipped by **March 18th, 2022** to **Claire Venard** at the address below. A notification will be sent to you when your seed bags have been received.

Replacement varieties are accepted. The replacement varieties must be in the same maturity group as the varieties initially nominated. A fee might apply to each variety cancelled after March 25th, 2022 for non-used space in the field.

After all tests have been planted, a statement of fees will be sent to you with instructions for remittance of fees. Please note that **no check should be sent until you have been billed**.

Thank you for marketing tested soybean varieties in Kentucky and for your interest in the KY Soybean Variety Performance Test program. Your participation in the tests helps all soybean producers of Kentucky. Preliminary data will be posted on the Soybean Variety Performance Tests website (<http://pss.ca.uky.edu/extension/soybean-variety-trials>) as the tests at all locations are harvested. The final report will be distributed through the University of Kentucky Extension Offices across the State.

If you have any questions or would like additional information, please contact Claire Venard:

Shipping address: University of Kentucky, Department of Plant and Soil Sciences, N-122 Ag. Science Center North, 1100 South Limestone Street, Lexington, KY 40546-0091

Tel: 859-257-2993 (office) / 859-492-1135 (cell)

Fax: 859-323-1952

Email: cvenard@uky.edu

Nominator name:

(please enter your first and last names)

Organization name:

(please enter your company name, institution, other...)

Organization address:

Phone number:

Email address:

How do you prefer to be contacted to receive the statement of fees?

By email By mail

Remittance of the fees will be due 30 days after receiving the statement of fees from the Kentucky Agricultural Experiment station.

Would you like to receive printed copies of the annual report?

A pdf version of the report will be emailed to all nominators. The printed copies and mailing are free of charge.

- I don't need any printed copy. I will use the pdf version of the report.
 Yes. Please mail me ___ copy(ies).

By checking the box below, you confirm that you have read the procedures and regulations for the Kentucky Soybean Variety Performance Tests on page 4, and you agree with all.

I agree

Nominator's signature:

Date: ___/___/___

(printed)

2022 Nomination List: entries within maturity range 2.0 – 5.9 are accepted. If you would like to nominate more than 15 entries, please duplicate this page. Please type information in the table.

	VARIETY NAME	MaturityGroup (2.0-5.9)	Percent germination 80-100%	Disease Resistance Information	Seed treatment(s)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					

Comments / additional information:

KENTUCKY SOYBEAN VARIETY PERFORMANCE TESTS FOR SPECIALTY SOYBEAN

Purpose

The soybean performance tests are conducted annually by the Kentucky Agricultural Experiment Station, and are designed as a direct service and benefit to agriculture in the state of Kentucky. Results of these tests are published to provide information to producers and seedmen on the relative performance of soybean varieties offered for sale in the state of Kentucky, and in the United States. Performance is defined as yield (bushel/acre) and seed quality at harvest.

Eligibility for variety nomination

Seed companies and producers of soybean seeds offered for sale in Kentucky and in the United States may nominate varieties in the Kentucky the soybean testing program. Novel soybeans and experimental entries are accepted. The Kentucky Experimental Station reserves the right to sample seed for testing in marketing outlets in Kentucky, and may also nominate entries.

Requirements for nomination and testing

Entries must meet the standards for a variety as defined by the US Federal Seed Act and Plant Variety Protection Act if it is a protected variety.

Entries for sale in Kentucky must comply with the Kentucky Seed Law. All entries (except experimental and novel soybeans) in the Kentucky soybean performance tests must be identified by the name(s) required to be on the seed tag or label by the Kentucky Seed Law, i.e., listed in the manner by which the seed will be sold or offered in Kentucky. The law requires a variety designation whether as name, number, or combination of both. Use of a brand name or trademark is not acceptable unless it is clearly identified as being other than a part of the variety designation. The complete designation, brand and variety name will be published in the performance bulletin. Experimental entries will have an EXP prefix.

Selection procedure

Organizations nominate their entries. The entries should be listed on the nomination form in order of priority with the highest priority first. Nominations will be entered in the tests until all slots are filled.

TESTING METHODS

The tests will sample a range of environments of the soybean producing areas of the state of Kentucky. The number of tests, types, and specific locations may vary from year to year. There will be 5 full season tests at 6 to 8 locations. Entries will be replicated 3 times in each test. The accepted entries will be tested at all locations.

The plots are six-row wide (with a row spacing of 15 inches) by 15.5 feet long. All entries will be planted at a seeding rate of 4-5 viable seeds per foot of row. The number of seed per plot will be corrected for germination using the percent germination rate provided on the nomination form. If no germination percentage is listed, it will be assumed to be 85%. Current cultural practices as recommended by the University of Kentucky Agriculture Specialists will be applied.

Procedures used for planting, weed control and harvesting will be similar to those used in actual commercial production of soybean (on-farm production). A small research plot combine will be used for harvesting the center 4 rows from the 6 rows plot.

Data collected at all tests will be evaluated for grain yield and lodging score. Stand count, yield, and seed composition will be collected at all locations. Maturity date and plant height will be collected at one location. Detailed observations for growth and reproductive stages will be collected at all test sites on 10-15 randomly selected varieties. Other observations such as seed shattering scores, hail damage, or pest information may be taken at all test sites if warranted. Climactic information will be collected at all locations, from planting to harvest.

PUBLICATION OF THE RESULTS

Data for all entries in the Kentucky Specialty Soybean Tests will be published according to the policies established by the Kentucky Agricultural Experiment Station. If for any reason the results of the tests are judged to be unreliable or possibly misleading, the results will not be published. Results will be published annually in the University of Kentucky progress report "Kentucky Soybean Variety Performance Tests".