

2004 SOYBEAN PRODUCTION CONTEST FOR KENTUCKY

(Rules and Awards)

OBJECTIVES:

The objectives of the Kentucky Soybean Production Contest are (1) to document the production practices used to achieve high soybean yields, (2) to encourage producers to strive for higher yields, (3) to recognize those producers who achieve high yields, and (4) to promote the use of good cultural practices to increase profitability for the betterment of Kentucky Agriculture.

SPONSORS:

The contest is sponsored by the University of Kentucky Cooperative Extension Service and the Kentucky Soybean Association with support from the Kentucky Soybean Promotion Board and cooperating Agribusinesses related to soybean production.

ELIGIBILITY:

Any producer (owner-operator, tenant, or tenant-landlord) who produces ten (10) acres or more of soybeans in Kentucky is eligible to enter. The contest area must be located in Kentucky. There are no restrictions on the residence of the producer submitting the entry. A producer may make more than one entry per Division, **if the entries are from different fields or farms**. A producer with more than one entry will be eligible for only one award in each Division. However, the State Champion is not eligible for any other award. There are no restrictions on management practices.

CONTEST CLASSES:

The soybean contest will be divided into two Divisions:

Division I) Single-Crop Soybeans

Division II) Double-Crop Soybeans: Defined as soybeans planted after a preceding winter crop of small grains or canola that was harvested for grain.

CONTEST REQUIREMENTS:

1. **Minimum of three (3) acres** must be evaluated with the field measurement and yield determination made under the supervision of a county committee representative (See Field Measurement and Yield Determination rules and remarks).
2. Completed entries (Forms A and B) are to be in the mail to the State Soybean committee on or before December 10. Forms A and B are attached. Make copies as needed.

FIELD MEASUREMENTS: (This has caused problems each year for yield determinations because of irregular dimensions and shapes.)

The field or portion of a field entered (a minimum of three acres or 130,680 square feet) **must be one continuous area** and **preferably with four straight sides** unless the entire field is included in the harvested area. In measuring, plot width will be measured from the first harvested row on the left to the first unharvested row on the right (to assure the inclusion of the equivalent of one-half the average row width beyond the outside harvested row on each side). The measurements will be made by the County Agent for Agriculture or person(s) designated by him. All measurements

must be with a tape or measuring wheel **and recorded in feet**. Record each measurement on a diagram on the back of Form A and recorded appropriately on Form B (Harvest Report). **If a whole field** is harvested and entered in the contest (and due to the irregular shapes and dimensions of whole fields), the acreage determination for the whole field will be accepted from the County FSA Office as determined from official USDA aerial photographs. A letter from the County FSA Office verifying the whole field acreage must accompany the entry.

***(Draw a Diagram of the Field Measurements for Each Entry on the Back of Form A)**

YIELD DETERMINATION:

1. At least one member of the County Soybean Contest Committee **must be present** to supervise measuring, harvesting and weighing of the yield for each entry.
2. Before the soybean contest area is harvested, the person supervising the harvest must ensure the entrant has emptied the combine so no soybeans have been left in it and that the wagons and/or trucks in which the contest yield will be weighed are empty.
3. Harvested soybeans must be weighed on a certified public scale. A **weigh ticket must be attached** to the completed entry form and signed by the person doing the weighing. A representative sample must be taken immediately for determining moisture content.
4. Yields will be calculated on the basis of No. 1 soybeans and will consist of the weight of harvested soybeans, corrected to 13% moisture, and converted to bushels per acre. Percent moisture should be determined by a local elevator operator or take an average of 3 moisture samples. Foreign matter does not need to be determined this year.

DEADLINES:

Completed entries (Forms A and B) must be in the mail to the State Soybean Contest Committee **on or before December 10**. A completed entry will consist of Form A (agronomic data) and Form B (harvest report and certification of yield), including a valid weigh ticket.

COUNTY COMMITTEE:

The County Soybean Contest Committee will be under the direction of the County Agent for Agriculture who will appoint other committee members. Other county committee members should be representatives of agricultural agencies. This committee should select a chairman for the purpose of certifying Form B (usually the County Agriculture Agent).

The County Committee will determine: (1) that the acreage planted meets the minimum requirements, (2) the yield entry has been produced within the specifications of the contest rules, (3) the weights are made on certified public scales, (4) a representative sample is drawn for moisture, (5) all field measurements and yield computations are accurate, and (6) the final results of all applicants are certified and sent to the Chairman of the State Committee.

Counties are encouraged to sponsor individual county contests and be responsible for encouraging county soybean producers to enter the state contest.

STATE COMMITTEE:

The State Soybean Contest Committee will consist of the following:

1. Two Grain Crops Extension Specialists, University of Kentucky
2. One Kentucky Soybean Association Representative
3. One County Agricultural Extension Agent

The State Contest Committee shall have the authority to arbitrate any point of contention that might develop in the administration of this program and their decision will be final. They may make any changes in awards for the contest deemed necessary as dictated by funds. Any irregularities in regard to the requirements of the program as outlined will be just cause for disqualification.

Send completed entries to: **Dr. James H. Herbek**
Extension Grain Crops Specialist
Research and Education Center
P.O. Box 469
Princeton, KY 42445

CONTEST AWARDS:

The awards are sponsored by the Kentucky Soybean Association, Kentucky Soybean Promotion Board and cooperating soybean agribusinesses under the supervision of the University of Kentucky Cooperative Extension Service. Winners will be announced and awards given at the 2005 annual Kentucky Commodity Conference. Cash awards may be adjusted due to available funding and will only be presented to those winners who attend the Awards Banquet. The Kentucky Soybean Association will provide lodging for all producer winners attending the Awards Banquet and also a 1-year membership in the Soybean Association.

A. STATE AWARDS:

1. **State Champion:** Highest Yield Per Acre in State (Division I or II) A trip for producer and spouse with up to \$1000 toward expenses for travel, lodging and registration to the Commodity Classic Annual Meeting (provided by KSPB), an appropriate trophy and a \$200 cash award.
2. **Division I: Single-Crop Soybeans (Not State Champion)**
 - a. First Place Highest Yield Per Acre Trophy and \$500 cash award.
 - b. Second Place highest Yield Per Acre Trophy and \$250 cash award.
3. **Division II: Double-Crop Soybeans (Not State Champion)**
 - a. First Place Highest Yield Per Acre Trophy and \$500 cash award.
 - b. Second Place highest Yield Per Acre Trophy and \$250 cash award.

B. TRAVELING TROPHY:

A traveling trophy has been donated by the Kentucky Soybean Association for the **State Champion**. Each year the winner's name will be engraved on it and will be displayed for one year in that winner's County Extension office.

C. DISTRICT AWARDS: State award winners will not receive district awards.

The producer with the highest yield per acre (irregardless of Division and not a state award winner) in each of the six (6) districts listed below will receive an appropriate plaque and a \$50 cash award. Cash awards may be adjusted due to available funds and will only be presented to those who attend the awards banquet. Districts are based on the Kentucky Extension areas as follows:

District 1 – Purchase Area

District 2 – Green River Area

District 3 – Pennyrile Area

District 4 – Mammoth Cave and Lincoln Trail Areas

District 5 – Louisville, Northern Kentucky, Fort Harrod and Bluegrass Areas

District 6 – Lake Cumberland, Wilderness Trail, Quicksand, Licking River and Northeast Kentucky Areas

D. CERTIFICATES:

1. Each participant with a yield of 60, 70 or 80 bushels per acre or more will receive a special certificate for high yield achievement from the Kentucky Cooperative Extension Service.
2. Certificates of Participation will be given to all completed entries that yield less than 60 bushels per acre.

E. EXTENSION AGENT INCENTIVE AWARDS:

Regardless of the yield level in the county, each County Agricultural Extension Agent is encouraged to submit completed yield entries to the State Soybean Contest.

Appropriate awards (plaques and/or cash awards) will be presented to Agricultural Extension Agents (irregardless of Division) in several categories. The number of award categories, kind and amount of award will be determined annually based on funding availability. The following Agricultural Extension Agent awards are proposed for the 2004 Soybean Production Contest. Monetary awards are provided by KSPB.

1) Agent with State Champion from their county \$250 cash award

2) Agricultural Agent Award Plaque and \$250 cash award

The Agricultural Extension Agent who submits completed entries having the highest average yield for the top 3 entries from different fields or farms in their county.

3) Agent with most completed entries from their county \$500 cash award

Only completed entries will count for this category. A completed entry will consist of Form A (Agronomic data completed on form), Form B (Harvest yield report completed), and a valid weigh ticket. In the event of a tie, the cash award will be divided equally among those agricultural agents.

FORM B

2004 Kentucky Soybean Production Contest Harvest Report – Certification of Yield

Producer's Name _____ County _____

Address (Street/Route/Hwy. No.) _____

City, State Zip Code _____ Date Harvested _____

Measured Area: Length _____ X Width _____ = _____
(feet) (feet) (area in sq. ft.)

Area in Square Feet \div 43,560 (sq. ft. in one acre) = Acres Harvested _____
(3 decimals)

Calculation of CERTIFIED YIELD:

$$\text{Bu/A} = \frac{\text{lbs. soybeans} \times (1.00 - \% \text{ moisture})}{52.2 \times \text{acres}}$$

Example:

19,838 Pounds of soybeans
13.3 % Moisture (1 decimal)
5.134 Acres (3 decimals)
64.18 Yield (2 decimals)

Grower's Data

_____ Lbs.
_____ % M.
_____ Acres
_____ Bu/A

$$\text{Ex.} = \frac{19,838 \times (1.00 - 0.133)}{52.2 \times 5.134} = \frac{17199.546}{267.995} = 64.18 \text{ Bu/A}$$

CERTIFICATION

I certify that the data submitted on this report is accurate to the best of my knowledge and in accordance with the rules as prescribed in the 2004 Kentucky Soybean Production Contest.

A. Signed _____ Date _____
Chairman, County Soybean Contest Committee

B. Signed _____ Date _____
Person who supervised harvest procedure

Send your completed form to:

Dr. James H. Herbek
Research and Education Center
P.O. Box 469
Princeton, KY 42445

PLEASE ATTACH WEIGH TICKET HERE