

2009 SOYBEAN PRODUCTION CONTEST FOR KENTUCKY (Contest Categories, Rules and Awards)

OBJECTIVES:

The Kentucky Soybean Production Contest was organized to: (1) recognize producers who achieve high soybean yields and also producers who achieve superior quality soybeans (oil and protein), (2) document production practices used in the contest, and (3) promote the use of sound cultural practices to increase soybean profitability.

SPONSORS:

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

CONTEST CATEGORIES:

The soybean production contest will be divided into two contest categories:

- 1) **Soybean Yield Contest**
- 2) **Soybean Quality Contest** (oil and protein) --- (see page 5 & 6).

SOYBEAN YIELD CONTEST

YIELD CONTEST DIVISIONS:

The soybean yield 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.

ELIGIBILITY:

Any producer (owner-operator, tenant, or tenant-landlord) who produces ten (10) acres or more of soybeans in Kentucky is eligible to enter. A producer may make more than one entry per Division, **if the entries are from different fields**. 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 yield contest award. There are no restrictions on management practices.

FIELD REQUIREMENTS:

A contest field must be at least ten (10) continuous acres. **A minimum of three (3) acres** must be harvested from this area. The harvest area may be more than three acres. The field measurement and yield determination must be made under the supervision of a county committee representative (See Field Measurement and Yield Determination rules and remarks).

FIELD MEASUREMENTS:

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** (*irregular shapes cause problems with yield determination*) 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 steel or fiberglass 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.

YIELD CONTEST DEADLINE:

Completed entries (Forms A and B) must be in the mail to the State Soybean Contest Committee **on or before December 5, 2009**. A completed yield entry will consist of Form A (agronomic data) and Form B (harvest report and certification of yield), including a valid weigh ticket. Forms A and B are attached. Make copies as needed.

COUNTY COMMITTEE:

The County Soybean Contest Committee will be under the direction of the County Agent for Agriculture who can 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 responsible for encouraging soybean growers 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 Herbek**
Research and Education Center
P.O. Box 469
Princeton, KY 42445

YIELD 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 2010 annual Kentucky Commodity Conference. **Cash awards** may be adjusted due to available funding and **will be presented only 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 YIELD AWARDS:

1. **State Champion:** Highest Yield Per Acre in State (Division I or II) A trip for producer and spouse with up to \$1500 (provided by KSPB) toward expenses for travel, lodging and registration to the Commodity Classic Annual Meeting, an appropriate trophy and a \$500 cash award.

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.

2. **Division I: Single-Crop Soybeans (Not State Champion)**
 - a. First Place Highest Yield Per Acre Trophy and \$750 cash award.
 - b. Second Place Highest Yield Per Acre Trophy and \$400 cash award.
3. **Division II: Double-Crop Soybeans (Not State Champion)**
 - a. First Place Highest Yield Per Acre Trophy and \$750 cash award.
 - b. Second Place Highest Yield Per Acre Trophy and \$400 cash award.

B. DISTRICT YIELD 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 a plaque and a \$100 cash award. Cash awards may be adjusted due to available funds. 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

C. YIELD CERTIFICATES:

1. Each participant with a yield of 60, 70, 80 or 90 bushels per acre or more will receive a special certificate for high yield achievement.
2. Participation Certificates are given to entries that yield less than 60 bu/acre.

D. EXTENSION AGENT INCENTIVE AWARDS (Soybean Yield Contest):

Appropriate awards will be presented to County Agricultural Extension Agents in several categories to recognize their achievements and to encourage submission of entries in the State Soybean Yield Contest. Awards (categories and monetary amounts) will be determined annually based on funding availability. The following Agricultural Extension Agent awards are proposed for the 2009 Soybean Yield 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 (Form A, Form B and a valid weigh ticket) will count for this category. In the event of a tie, the cash award will be divided equally among those agricultural extension agents.

4) Agents who submit 3 or more entries from their county \$100 cash award

Any Agricultural Extension Agent who submits 3 or more completed entries (**and who did not receive** one of the other three agent awards listed above) will receive up to a \$100 cash award. If more than 10 agents meet this criteria, the award money will be prorated to not exceed more than an overall total of \$1,000.

SOYBEAN QUALITY CONTEST

ELIGIBILITY:

The Soybean Quality Contest is optional to enter. **However**, a producer **must enter** the Soybean Yield Contest in order to enter the Soybean Quality Contest. No soybean quality entries will be accepted if that producer entry did not also enter the Soybean Yield Contest.

COLLECTING PROCEDURE:

- 1) The sample for soybean quality (% oil and % protein) must be taken from the soybeans that were harvested for the Soybean Yield Contest.
- 2) **A one pound sample is needed for testing.** Make sure enough soybeans have been collected to meet the one pound requirement. Collecting a volume of at least three 8 oz. cups (24 oz. total volume) should ensure that enough soybeans have been collected for the needed one pound sample.

SOYBEAN QUALITY SAMPLE IDENTIFICATION:

- 1) Soybean quality samples need to be properly identified by producer name when collected to avoid mis-identification, particularly if multi-samples are collected from a county.
- 2) **See Form C** (attached) for explanation of using identification codes when samples are submitted for testing.

SUBMITTING SOYBEAN QUALITY SAMPLES:

- 1) Soybean quality samples are to be submitted in **whirl-pak plastic bags** (provided by the quality testing lab). **Obtain the plastic bags from the KSA (Ky. Soybean Assoc.) office.** Contact Jaime Vincent at the KSA office: 270-365-7214 or e-mail: jvincent@kysoy.org
- 2) A **one pound sample** from the soybeans collected for each entry is required.
- 3) **Filling the whirl-pak plastic bag with soybeans is equivalent to ~ one pound.**
- 4) If the soybean quality sample collected has a high initial moisture content, it may be best to air dry the sample before enclosing it in the whirl-pak plastic bag.
- 5) For each entry, write (**with permanent magic marker**) the county identification code on the plastic quality sample bag that corresponds to the ID code for that entry from Form C.

INFORMATION CONCERNING FORM C:

- 1) Form C **must be filled out** by each county and **included** with the soybean quality samples when they are sent to the KSA office.
- 2) Make two additional copies of completed Form C before it is sent to the KSA office.
 - Keep a copy for your own records.
 - **Include a copy of Form C** when you submit your completed Yield Contest entry forms (Forms A & B) to the State Contest Committee.

WHERE TO SEND SOYBEAN QUALITY SAMPLES:

Send the soybean quality samples to the KSA office. All samples received by the deadline date will then be shipped to the University of Minnesota to be tested for % oil and % protein content. The cost for testing each sample will be paid by the Kentucky Soybean Promotion Board.

Send soybean quality samples (including Form C) to: **Kentucky Soybean Association**
1001 US Highway 62 West
P.O. Box 30
Princeton, KY 42445

SOYBEAN QUALITY CONTEST DEADLINE:

Soybean quality samples (including Form C) must be at the KSA office no later than **November 15, 2009**. Soybean quality samples received after November 15, 2009 will not be accepted or submitted for quality testing. The earlier deadline for the Soybean Quality Contest is to ensure that tests are completed and results received in time to allow finalization of the 2009 Kentucky Soybean Production Contest.

SOYBEAN QUALITY TEST RESULTS:

- 1) The soybean quality test results (% oil and % protein) when completed by the University of Minnesota will be sent to the KSA office. Because of time constraints, **the KSA office will send the soybean quality data directly to the State Soybean Contest Committee** (c/o Jim Herbek) for summarization and finalization of awards.

- 2) The KSA office will also send the soybean quality test results to the ANR agent in each county that submitted entries. The ANR agent is expected to provide the quality test results to each producer in their county who entered the Soybean Quality Contest. **Reminder:** the ANR Agent does not need to submit the results of the soybean quality tests to the State Soybean Contest Committee (read #1 above).

SOYBEAN QUALITY 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 2010 annual Kentucky Commodity Conference. 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. Monetary awards are provided by the Kentucky Soybean Promotion Board.

For 2009, **four soybean quality awards** will be presented: 1) The two highest % oil content in the state; 2) The two highest % protein content in the state. In the event of a tie, yield (total pounds of oil or protein per acre) will be used as the tie-breaker for each soybean quality award.

STATE SOYBEAN QUALITY AWARDS:

1. Highest % Oil Content:

- a. First Place in State Trophy and \$500 cash award.
- b. Second Place in State Trophy and \$250 cash award.

2. Highest % Protein Content:

- a. First Place in State Trophy and \$500 cash award.
- b. Second Place in State Trophy and \$250 cash award.

FORM A

2009 Kentucky Soybean Production Contest Agronomic Data Form*

1. Producer or Farm Name _____

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

(City, State) _____ Zip Code _____

Telephone: Area Code (____) _____ County _____

3. **Division Entered** (check one): Division I (Single-Crop) _____
Division II (Double-Crop) _____

4. **Planting Information:**

Soybean Variety _____ **% Germination** _____

Seed used: new seed ___ or saved seed ___ **Seed Inoculated:** Yes ___ No ___

Date Planted _____ **Row Width (inches)** _____

Planting Rate _____ **Previous Year's Crop** (if Division I) _____
(seeds/acre) **Previous Winter Crop** (if Division II) _____

5. **Fertility Program:**

_____ Pounds Per Acre Applied to Soybean Crop

N _____ P₂O₅ _____ K₂O _____ Manure _____ Other _____

6. **Weed Control:** Herbicides Used

a. Preemergence Applied _____

b. Postemergence Applied _____

7. **Insect Control:**

Insecticide used: Yes ___ No ___
Product (if used) _____

8. **Disease Control:**

Foliar fungicide used: Yes ___ No ___
Product (if used) _____

9. **Soil Preparation and Tillage:** Circle if No-Till

	<u>Fall</u>	<u>Spring</u>	<u>No. Times</u>
_____ Disc	_____	_____	_____
_____ Chisel	_____	_____	_____
_____ Plow	_____	_____	_____
_____ Other	_____	_____	_____

Describe other: _____

* **This Form Must Be Completed and Forwarded With Harvest Report, FORM B.**

Draw a Diagram of the Field with Measurements on the Back of this Form

FORM B

2009 Kentucky Soybean Production Yield Contest (Harvest Report – Certification of Yield)

Producer or Farm Name _____ County _____

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

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

Calculation of YIELD: 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

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 form is accurate and in accordance with the rules as prescribed in the 2009 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 Herbek
Research and Education Center
P.O. Box 469
Princeton, KY 42445

**ATTACH WEIGH
TICKET HERE**

<u>Soybean Quality Contest Information</u>		
Entered in Soybean Quality Contest: YES _____ NO _____		
If <u>yes</u> , enter the County ID sample code below:		
County ID Code (from Form C)	<u>(Do not fill in – State Committee Use Only)</u>	
	<u>% oil</u>	<u>% protein</u>
_____	_____	_____

FORM C

2009 Kentucky Soybean Quality Contest

This form **must be completed and submitted** with the soybean quality samples that are sent **to the KSA office** to be tested for protein and oil content.

COUNTY: _____
(Place county name above) (ANR Agent name)

List below: The Entry name and a county identification code for each sample submitted.

Producer/Farm Entry name as appears on Yield contest forms (A & B)	Identification Code** (County + number)	(Do not fill in – State Committee Use Only)	
		% Oil	% Protein
1. _____	_____	_____	_____
2. _____	_____	_____	_____
3. _____	_____	_____	_____
4. _____	_____	_____	_____
5. _____	_____	_____	_____
6. _____	_____	_____	_____
7. _____	_____	_____	_____
8. _____	_____	_____	_____
9. _____	_____	_____	_____
10. _____	_____	_____	_____

**** Important:** Each sample submitted **must contain a county identification code** (consisting of the county name plus a number). This is particularly important for multiple samples submitted from a county (or producer) to ensure correct identification. **Example:** multiple samples from Union County would be coded as: Union-1, Union-2, Union-3, etc.

- 1) **For each entry make sure the County ID code written on Form C is also written (permanent magic marker) on the corresponding quality sample bag for that entry.**
- 2) **Include a copy of Form C** (That was sent to the KSA office) when you submit your completed Yield Contest entry forms (Forms A & B).
- 3) **Also write the County ID code** in the appropriate box at the **bottom of Form B** (harvest yield form) for those yield contest entries that also entered the Soybean Quality Contest.