

HARVEST JUDGING REPORT

2013 Contest

Contestant's Name: _____ Date: _____

Contestant's Address: _____

Phone: _____ County of Harvested Field: _____

Category: Conventional Tillage No-Till Irrigated Variety Name and Number: _____

Harvesting Rules

The contest area must be five (5) acres (single block) from a field of at least ten (10) acres. A minimum of two (2) acres in the contest area must be harvested in a single block and weighed at one time. Measurement, harvesting and weighing must be supervised by a contest official.

Note: Any contest yield in excess of 75 bu/acre must be rechecked as soon as possible. In order to provide crop for this possible recheck, entrant should leave an area of at least two (2) acres adjacent to the first plot. This area will then be measured by the judge, harvested, weighed, moisture tested and the yield calculated. The results of the recheck will constitute the official yield. The official who judged the top three yields in each category, will be called to verify the results.

1. **Field weight of harvest** (Original weigh tickets with company and scale operator must be attached to this form.)

Ticket Number _____ Total Weight _____ Truck Weight _____ Net Weight of Beans _____

Check here if you used a weigh wagon _____

2. **Foreign material (dockage value):** _____ %

3. **Moisture Content of Beans:** _____ %

4. **Calculation for Harvested Acres:**

Map of contest field showing harvested area and field measurements.

(Show how harvested area was determined.)

Measure all sides of harvest area with a measuring wheel, a steel tape or a fiberglass tape. Rowed beans are measured from the middle of the outside row spaces. Calculation of harvested area should be accomplished by breaking harvested area into largest rectangles and calculating the rest of the areas as triangles.

RECTANGLES:

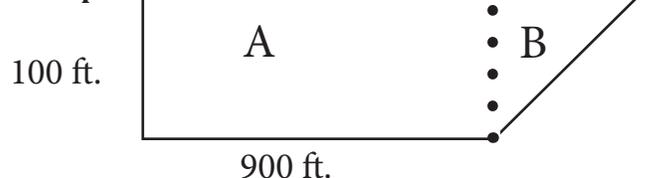
_____ section _____ length (ft.) x _____ width (ft.) = _____ sq. ft.
 _____ section _____ length (ft.) x _____ width (ft.) = _____ sq. ft.
 _____ section _____ length (ft.) x _____ width (ft.) = _____ sq. ft.

TRIANGLES:

_____ section _____ length (ft.) x _____ width (ft.) x .5 = _____ sq. ft.
 _____ section _____ length (ft.) x _____ width (ft.) x .5 = _____ sq. ft.
 _____ section _____ length (ft.) x _____ width (ft.) x .5 = _____ sq. ft.

_____ total sq. ft. /43,560
 (sq. ft. in 1 acre)=acres harvested.

Example:



NOTE: Minimum of two (2) acres required

Rectangle:

A-Section 900 length (ft.) x 100 width (ft.) = 90,000 sq.ft.

Triangle:

B-Section 400 length (ft.) x 100 width (ft.) x .5 = 20,000 sq.ft.

Total sq. ft. = 110,000 sq. ft.

110,000 total sq. ft. / 43,560 ft./acre = 2.53 acres

-- Form Continued on Other Side --

Harvest Judging Report must arrive in the MSA office on or before November 8, 2013.

5. **Adjustment for dockage:** Line 1 (net weight) x [(100%) - (Line 2 value)] = _____ lbs.
6. **Bushels harvested (at 13% moisture):**

$$\frac{\text{Line 5 value} \times [(100\%) - (\text{Line 3})]}{52.20 \text{ (lbs. of dry soybeans in 1 bu. of 13\% soybeans)}} = \text{_____ bushels}$$
7. **Bushels/acre:**

$$\frac{\text{Line 6 (bushels)}}{\text{Line 4 (acres)}} = \text{_____ bushels/acre}$$

We hereby certify we witnessed the measuring, harvesting and weighing of the above contest plot and agree these calculated figures are correct as presented.

Judge's Signature _____ Title _____
 Judge's Name and Address (Print) _____
 Phone _____ County _____

Contestant's Signature _____
**Signature on this form gives MSA the right to publish all information concerning this contest. Mail immediately after completion. You should make a copy (signed) of all reports for your records.*

**Attach to this form all weigh tickets, the recheck report (if necessary) and mail to:
 Missouri Soybean Association, P.O. Box 104778, Jefferson City, MO 65110, (573) 635-3819.**

➡ **IMPORTANT: YOU MUST SUBMIT A SAMPLE OF YOUR CONTEST SOYBEANS.**

Harvest Recheck Report

Any contest yield in excess of 75 bu/acre must be rechecked as soon as possible. In order to provide crop for this possible recheck, entrant should leave an area of at least two acres adjacent to the first plot. This area will then be measured, harvested, weighed, moisture tested, and the yield calculated by the judge or judges. The results of the recheck will constitute the official contest yield. Precision is important.

1. **Field Weight of Harvest (Original weigh tickets with company and scale operator must be attached to this form.)**
 Ticket Number _____ Total Weight _____ Truck Weight _____ Net Weight of Beans _____
2. **Foreign material (dockage value):** _____ %
3. **Moisture Content of Beans:** _____ %
4. **Acres Harvested:** _____

Map of Contest Field

	$\frac{\text{Length (feet)} \times \text{Width (feet)}}{43,560 \text{ (sq. ft. in 1 acre)}} = \text{_____ acres}$
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5. **Adjustment for Dockage:**
 Line 1 (total weight) x [(100%) - (Line 2 value)] = _____ lbs.
6. **Bushels Harvested (at 13% moisture):**

$$\frac{\text{Line 5 value} \times [(100\%) - (\text{Line 3})]}{52.20 \text{ (lbs. of dry soybeans in 1 bu. of 13\% soybeans)}} = \text{_____ bushels}$$
7. **Bushels/Acre:**

$$\frac{\text{Line 6 (bushels)}}{\text{Line 4 (acres)}} = \text{_____ bushels/acre}$$

We hereby certify we witnessed the measuring, harvesting and weighing of the above contest plot and agree these calculated figures are correct as presented.

Judge's Signature _____ Title _____
 Judge's Name and Address (Print) _____
 Phone _____ County _____ Contestant's Signature _____