



# FORM E

## Soybean Yield Survey Post-Harvest Gleanings 2018



NATIONAL AGRICULTURAL STATISTICS SERVICE

Date: \_\_\_\_\_

**NOTE:** The post-harvest field gleanings should be completed as soon after harvest as possible, and must be done within 3 days after harvest. If the sample field has been plowed, disked, or pastured since harvest, select an alternate field for gleaning if one is available in the tract.

### FIELD OBSERVATIONS

1. Measure distance from plants in Row 1 to plants in Row 2 . . . . .
2. Measure distance from plants in Row 1 to plants in Row 5 . . . . .

	UNIT 1	UNIT 2
Feet and Tenths	701 . ____	702 . ____
Feet and Tenths	703 . ____	704 . ____

### GLEANINGS IN 3-FOOT UNITS

Put all pods from both units and all whole beans and pieces from both units in the same paper bag.

3. Pick all **Pods** with beans attached to plants, and loose pods with beans in each row middle and deposit in a paper bag . . . . .
4. Pick up all **whole** beans and pieces of beans in each row middle and deposit in the same paper bag used for above item . . . . .

**CHECK EACH BOX AS COMPLETED**

	UNIT 1		UNIT 2	
	ROW 1	ROW 2	ROW 1	ROW 2
Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

5. Was an alternate field used for making post-harvest observations?

**YES** — (Indicate in Field Notes)       **NO**

**FIELD NOTES:** If post-harvest observations cannot be made, give reasons here.

\_\_\_\_\_  
\_\_\_\_\_

6. Did a supervisor assist you in working this sample?       **YES**       **NO**

\_\_\_\_\_

ENUMERATOR: \_\_\_\_\_

Enumerator Number	790
Supervisor Number	791

**SHIPPING INSTRUCTIONS:**

- Attach completed ID tag to the paper bag(s) containing gleanings.
- Place bag(s) and this Form E in a Tyvek envelope.
- Ship this Form E to the National Lab in the Tyvek envelope with the gleanings.

STATUS CODE	780
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FORM E: SOYBEANS - *continued*

**NATIONAL LABORATORY DETERMINATIONS**

Date sample received in lab (MM DD) \_\_\_\_\_

**Discard any pods with undeveloped beans. Thresh and hull all other pods from bag; combine with loose whole beans and pieces of beans.**

7. Total weight of threshed and loose beans immediately before moisture test.. . . .
8. Moisture content of beans, rounded to tenths <sup>1/</sup> . . . . .

Grams to Hundredths	714	. ____ ____
Percent	715	. ____

*<sup>1/</sup>If sample weight is too small for moisture test, sufficient beans of known moisture content will be added to the sample so that a moisture test can be made. The moisture content of the sample can then be derived using the following formula.*

$$E = \frac{(A + B) D - (B \times C)}{A}$$

- Where**    **A = Weight of small sample (item 7)** . . . . .
- B = Weight of additional beans required for moisture test** . . . . .
- C = Moisture percent of B** . . . . .
- D = Moisture percent of A + B combined** . . . . .
- E = Result: Moisture percent of small sample (enter in item 8)** . . . . .

. ____ ____	Grams
. ____ ____	Grams
. ____	Percent
. ____	Percent
. ____	Percent

Lab Technician(s) \_\_\_\_\_ Date Analysis Completed \_\_\_\_\_

MM DD