Project Code 102 QID 120034E OMB No. 0535-0088: Approval Expires 7/31/2018

USDA

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

		UNIT 1	UNIT 2
1. Measure distance from plants in Row 1 to plants in Row 2	Feet and Tenths	701 . ___	702 . ___
2. Measure distance from plants in Row 1 to plants in Row 5	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.

CHECK EACH BOX AS COMPLETED

	UNIT 1		UNIT 2	
	ROW 1	ROW 2	ROW 1	ROW 2
3. Pick all **pods** with beans attached to plants, and loose pods with beans in each row middle and deposit in a paper bag . . . . . Check	☐	☐	☐	☐
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	☐	☐	☐	☐

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

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.. . .	**Grams to Hundredths**	714 . ___ ___
8. Moisture content of beans, rounded to tenths [1/]	**Percent**	715 . ___

[1/] *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*)	. ___ ___	**Grams**
	B = Weight of additional beans required for moisture test	. ___ ___	**Grams**
	C = Moisture percent of B	. ___	**Percent**
	D = Moisture percent of A + B combined	. ___	**Percent**
	E = Result: Moisture percent of small sample (*enter in item 8*)	. ___	**Percent**

Lab Technician(s) _____ Date Analysis Completed _____

MM DD