USDA

FORM C
Soybean Pre-Harvest Lab Determinations
2018

NATIONAL AGRICULTURAL STATISTICS SERVICE

Date:_____

WEIGHT of UNTHRESHED PODS

1.	Weight of Unit 1 pods and beans removed from bag	**Grams to Hundredths**	503 . ___ ___
2.	Weight of Unit 2 pods and beans removed from bag	**Grams to Hundredths**	504 . ___ ___

COUNT of PODS from ONE UNIT (BAG) ONLY

3.	Unit used (*Always use pods from Unit 1, if possible*)	**Unit Code**	512
4.	Number of pods with developed beans . . . . . (*Developed beans are at least 50% of the mass of normal beans in that field. Generally, they are thicker than a nickel*.)	**Number**	513
5.	Number of pods with undeveloped beans	**Number**	514

WEIGHT and MOISTURE of THRESHED BEANS

Thresh and hull only pods with developed beans from both units. If pods are too wet to thresh easily, pods should be dried for a short period at no more than 70 degrees C and then threshed.

6.	Weight of all threshed beans from both units immediately before moisture test	**Grams to Hundredths**	507 . ___ ___
7.	Moisture content [1/]	**Percent** (One Decimal)	508 . ___
8.	Approximate density of threshed beans.	**Pounds/Bushel** (One Decimal)	509 . ___

Lab Technician _____ Date Analyzed _____

MM DD

[1/] *If the sample weight is too small or too dry for a moisture test, follow the procedures on the back of this form to complete the moisture test.*

Bag sample for United Soybean Board

FORM C-2: SOYBEANS - *continued*

If the sample weight is too small for moisture test, sufficient grains of known moisture content (*use same class and stage of maturity*) *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 or dry soybean sample	. ___ ___	**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 or dry soybean sample (*enter in item 7*)	. ___	**Percent**