



FORM C - 2R
Soybean Pre-Harvest Lab Determinations
Soybean Research Project
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

3. Unit used (Always use pods from Unit 1, if possible).....

Unit Code 512

4. Number of pods with developed beans.....

Number 513

(Developed beans are at least 50% of the mass of normal beans in that field. Generally, they are thicker than a nickel.)

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.

Number of seeds (all threshed beans) from pods Unit 1.....

Number 515

Number of seeds (all threshed beans) from pods Unit 2.....

Number 516

Weight of threshed beans from only Unit 1 immediately before moisture test.....

Grams to Hundredths 517 . \_\_\_\_

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 .....
  - 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 or dry soybean sample (enter in item 7) . . . .

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