



# FORM C-2 WINTER WHEAT YIELD SURVEY

## National Laboratory Determinations

### 2018



NATIONAL AGRICULTURAL STATISTICS SERVICE

Date sample received in lab: \_\_\_\_\_

#### 1. From Identification Tag

- a. All Heads (*Emerged, Late Boot, and Detached*)
- b. Stage of maturity .....

	UNIT 1	UNIT 2	
Number			Total Number 501
Unit			Unit 1 Code 502

#### 2. Laboratory Determinations, All Clipped Heads from Units 1 and 2

##### a. Unit 1:

- (i) Heads in sample <sup>1/</sup> (*Initial if recounted* \_\_\_\_\_) .....
- (ii) Total weight of all heads .....

Number	504
Grams	503 . ____

##### b. Unit 2:

- (i) Heads in sample <sup>1/</sup> (*Initial if recounted* \_\_\_\_\_) .....
- (ii) Total weight of all heads .....

Number	506
Grams	505 . ____

- c. Total weight of all heads 2a(ii) + 2b(ii) .....

Grams	. ____
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#### 3. Threshed Grain, All Heads from Units 1 and 2

- a. Weight immediately after threshing .....
- (i) Is item 3a LESS than 2c?  YES – Go to item 3b

Grams	507 . ____
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NO –STOP – NOTIFY SUPERVISOR

- b. Weight immediately before moisture test .....

Grams	508 . ____
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- c. Moisture content <sup>2/</sup> .....

Percent	509 . ____
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#### 4. Approximate density of the sample .....

Pounds/Bushel (One Decimal)	510 . ____
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Lab Technician: \_\_\_\_\_

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

MM DD

<sup>1/</sup>If the Lab count is different from the field count, follow these steps—

- a. Check if the correct unit was counted.
- b. RE-ADD counts from the ID tag.
- c. If counts are different by 2% or more (*lab count / field count*) then recount heads and initial unit recounted. Lab supervisor, notify State when difference 5% or more.

<sup>2/</sup>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.

**FORM C-2: WHEAT**

*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 wheat sample** .....

**B = Weight of additional grain required for moisture test** .....

**C = Moisture percent of B** .....

**D = Moisture percent of A + B combined** .....

**E = Result : Moisture percent of small or dry wheat sample**  
                  *(enter in item 3c)* .....

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