



# FORM C-2 WINTER WHEAT YIELD SURVEY

## National Laboratory Determinations 2015



**NATIONAL  
AGRICULTURAL  
STATISTICS  
SERVICE**

CROP CODE  
Winter . . . . 1

YEAR, CROP, FORM, MMDD (1 - 7)  <b>5</b> _ <b>5</b> _ _ _ _	
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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
Unit			Unit 1 Code
			501
			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.

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