## FORM C - 2 REGIONAL LABORATORY DETERMINATIONS





	CRO	OP CODE		
Win	iter .	1		
Spring 6 (other than Durum)				
Dur	um .	7		
		Date sample received in lab:		
1.	Fro	om Identification Tag UNIT 1 UNIT 2		
	a.	All Heads (Emerged, Late Boot, and Detached) Number	Total Number	501
	b.	Stage of maturity	Unit 1 Code	502
2.	Lal	ooratory Determinations, All Clipped Heads from Units 1 and 2		
	a.	Unit 1:		
		(i) Heads in sample 1/ (Initial if recounted)	Number	504
	b.	(ii) Total weight of all heads	Grams	503
	~.	(i) Heads in sample 1/ (Initial if recounted)	Number	506
				505
		(ii) Total weight of all heads	Grams	
•	C.	Total weight of all heads 2a(ii) + 2b(ii)	• —	
3.	ını	reshed Grain, All Heads from Units 1 and 2		507
	a.	Weight immediately after threshing	Grams	•
		(i) Is item 3a LESS than 2c? YES – Go to item 3b		
		□ NO –STOP – NOTIFY SUPERVISOR		
	b.	Weight immediately before moisture test	Grams	508
	C.	Moisture content 2/	Percent	509
Lab Technician Date Analyzed				
				MM DD

- 1/ 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.
- 2/ 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:

$$E = \frac{(A+B)D - (B \times C)}{A}$$

		1	
Where	A = Weight of small or dry wheat sample		Grams
	B = Weight of additional grain 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 wheat sample (enter in item 3c)		Percent