FORM C 1 CORN OBJECTIVE YIELD - 2022

OMB No.: 0535-0088 Approval Expires: xx/xx/20xx Project Code: 104 Survey ID: 3225



United States
Department of
Agriculture



NATIONAL AGRICULTURAL STATISTICS SERVICE

Date sample received in lab:	
EAR WEIGHT	
A M/-:	Grams to drawn dra
0 \\\\-!\-\\\-!\-\\\\\\\\\\\\\\\\\\\\\\\	Grams to dredths 402
GRAIN WEIGHT and MOISTURE DETERMINATIONS	
Shell grain from the third and fourth ears. If ears are too wet to shell easily, dry them for a short period at no more than 70 degrees C, before shelling.	
3. Weight of all grain shelled from the third and fourth ears at time of moisture test Hur	Grams to dradths 404
4. Moisture content of shelled grain	405 Decimal)
For small samples, use the formula on the back of this form for moisture percent	
5. Was the grain used for the moisture determination over dried and/or wetted to enable processing of the sample?	
☐ Yes – Enter code from Below ☐ No – Enter code 4	410
1 = Sample was oven dried only 2 = Sample was wetted only 3 = Sample was oven dried AND wetted	
Lab Technician(s) Date Analysis Completed	MM DD

FORM C-1: CORN

^{1/}If 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 sample	·	Grams
	B = Weight of additional grain required for moisture test	·	Grams
	C = Moisture percent of B	·	Percen
	D = Moisture percent of A + B combined		Percen
	E = Result: Moisture percent of small sample (enter in item 4)		Percen