

FORM B CORN YIELD COUNTS 2008



YEAR, CROP, FORM, MMDD (1 - 7) 8 4 3 _ _ _ _	
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Date: _____

1. Has operator applied pesticides with organophosphorous content to the sample field?

YES NO

If YES, enter latest application date _____ and name of pesticide _____.

2. **UNIT LOCATION CODE**

1 First visit to lay out unit	UNIT 1	UNIT 2
2 Unit relocated this month	Enter Code <input style="width: 60px;" type="text" value="302"/>	<input style="width: 60px;" type="text" value="307"/>
3 Sample unit laid out previously	<i>Go to item 4 when coded 3; otherwise go to item 3.</i>	

3. **ROW SPACE MEASUREMENTS**

	UNIT 1	UNIT 2
a. Measure distance from stalks in Row 1 to stalks in Row 2 Feet & Tenths	303 . ____	304 . ____
b. Measure distance from stalks in Row 1 to stalks in Row 5 Feet & Tenths	305 . ____	306 . ____

Designated Measurement Areas:

MATURITY CODES FOR ITEM 4			
For Month	Use Area Beyond	Maturity Code	
Aug. 1	Unit 1, Row 1	2 = Pre-Blister	5 = Dough
Sept. 1	Unit 1, Row 2	3 = Blister	6 = Dent
Oct. 1	Unit 2, Row 1	4 = Milk	7 = Mature
Nov. 1	Unit 2, Row 2		

Husk the first 5 ears or silked ear shoots beyond the unit in the designated measurement area and examine for maturity. Enter the maturity code in the box for the corresponding ear, sum the five maturity codes and enter the total in cell 301. If ears or silked ear shoots are not yet present, Check and complete **item 9 only**.

4. **MATURITY CODE** of first 5 ears or silked ear shoots

EAR NUMBER					TOTAL OF 5 EARS
1	2	3	4	5	
					301

a. Will harvest occur within 3 days? <input type="checkbox"/> NO Go to item 4b <input type="checkbox"/> YES Complete items 9, 12, 13, 14 & 15 .	b. Are three or more ears in maturity code 7? <input type="checkbox"/> NO Go to item 4c <input type="checkbox"/> YES Complete items 9, 12, 13, 14 & 15 .
c. Does item 301 equal 23 or more? <input type="checkbox"/> NO Go to item 4d <input type="checkbox"/> YES Complete items 5, 6, 7, 8, 9 & 12 .	d. Does item 301 equal 13 to 22? <input type="checkbox"/> NO Complete items 9, 10, 11 & 12 . <input type="checkbox"/> YES Complete items 5, 6, 7, 9, 10, 11 & 12 .

5. **Maturity code** of each of the first 5 ears Code 3 or higher (copy maturity from item 4. Replace Code 2 ears with next code 3 or higher.) **Code**

6. Average **length of kernel rows** (item 5 ears) **Inches & Tenths**

7. **Diameter of the ear** one inch from the butt of the cob. (item 5 ears) **Millimeters & Tenths**

8. Are 3 or more ears (item 5) in maturity code 6 or 7?

NO – Continue with item 9.

- YES** -
- ▶ 1 Harvest the first 5 ears beyond the unit which are coded 6 or 7.
 - ▶ 2 Place the third and fourth ears in a cloth bag.
 - ▶ 3 Place the other three (first, second and fifth) ears in another cloth bag.
 - ▶ 4 Place the bag with the third and fourth ears in the bag with the other three ears.
 - ▶ 5 Complete a sample ID tag and mail to the **Regional Lab**.
 - ▶ 6 **Check Here** when complete.

EAR NUMBER				
1	2	3	4	5
320	321	322	323	324
326	327	328	329	330
336	337	338	339	340

COUNTS WITHIN 15 FOOT UNITS

9. Number of **stalks**

10. Number of **stalks with ears** or silked ear shoots (item 10 cannot exceed item 9 for any row.)

11. Number of **ears** and silked ear shoots (item 11 MUST equal or exceed item 10 for any row.)

12. Number of **ears** with evidence of **kernel formation** (item 12 cannot exceed item 11 for any row.)

UNIT 1		UNIT 2	
ROW 1	ROW 2	ROW 1	ROW 2
331	332	333	334
341	342	343	344
351	352	353	354
361	362	363	364

HARVESTING SAMPLE UNITS

13. HUSK and TAG the 3rd and 4th ears in Row 1 of both units. Husk remaining ears and weigh ALL ears with grain in Row 1 of each unit regardless of maturity stage.
Number of ears husked with grain (include 3rd and 4th ears) **Number**
Verify: Cell 312 equals item 12 cell 361 and Cell 313 equals item 12 cell 363

14. **Weight of ears** with grain from Row 1 of each unit (include 3rd and 4th ears, exclude weight of containers). **Pounds & Tenths**

15. Place 3rd and 4th ears of Row 1 in separate plastic bags for each unit. After completing items 13 and 14, send Form B to the State Office and Send 3rd and 4th ears to the Regional Lab.

16. Did you leave the ears of corn where the operator requested?

YES **NO**

ENUMERATOR COMMENTS:

ENUMERATOR: _____

17. Did a supervisor assist you in working this sample? **YES** **NO**

UNIT 1, ROW 1	UNIT 2, ROW 1
312	313
314	315

Enumerator Number	390
Supervisor Number	391
Evaluation	393

UNIT 1

STATUS CODE	380
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