



FORM B WINTER WHEAT YIELD COUNTS 2018



Date: _____

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

YES NO

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

UNIT LOCATION

2. Number of paces along edge of field

3. Number of paces into field

| UNIT 1 | | UNIT 2 |
|--------|------|--------|
| | + 30 | |
| | + 30 | |

4. **UNIT LOCATION CODE...**

- | |
|-----------------------------------|
| 1 First visit to lay out unit |
| 2 Unit relocated this month |
| 3 Sample unit laid out previously |

Enter Code

| UNIT 1 | UNIT 2 |
|--------|--------|
| 305 | 307 |

Go to item 6 when coded 3; otherwise go to item 5.

5. ROW SPACE MEASUREMENTS

a. Measure distance from stalks in Row 1 to stalks in Row 5

Feet & Tenths

| UNIT 1 | UNIT 2 |
|---------------|---------------|
| 301 | 303 |
| _____ . _____ | _____ . _____ |

6. STAGE OF MATURITY: (Circle one code for each unit)

| MATURITY STAGE | PRE-FLAG | FLAG OR EARLY BOOT | LATE BOOT OR FLOWER | MILK | SOFT DOUGH | HARD DOUGH | RIPE | BLANK |
|---------------------------------|-----------------------------------|--------------------|---------------------------------------|-------|------------|-----------------------------------|-------|--|
| UNIT 1 Count Area | 300 1 | 300 2 | 300 3 | 300 4 | 300 5 | 300 6 | 300 7 | 300 8 |
| UNIT 2 Count Area | 302 1 | 302 2 | 302 3 | 302 4 | 302 5 | 302 6 | 302 7 | 302 8 |
| If Unit One Maturity is: | 1 or 2, start counts with item 7. | | 3, 4, or 5, start counts with item 8. | | | 6 or 7, start counts with item 8. | | 8, Substitute Unit Two. When both 8, go to item 10 |

COUNTS WITHIN UNITS

7. Number of stalks (stems) in row

8. Number of heads in LATE BOOT

| UNIT 1 | | | UNIT 2 | | |
|--------|-------|-------|--------|-------|-------|
| Row 1 | Row 2 | Row 3 | Row 1 | Row 2 | Row 3 |
| 311 | 312 | 313 | 314 | 315 | 316 |
| 351 | 352 | 353 | 354 | 355 | 356 |

9. a. Number of emerged heads on all stalks. . .

b. Number of detached heads in unit

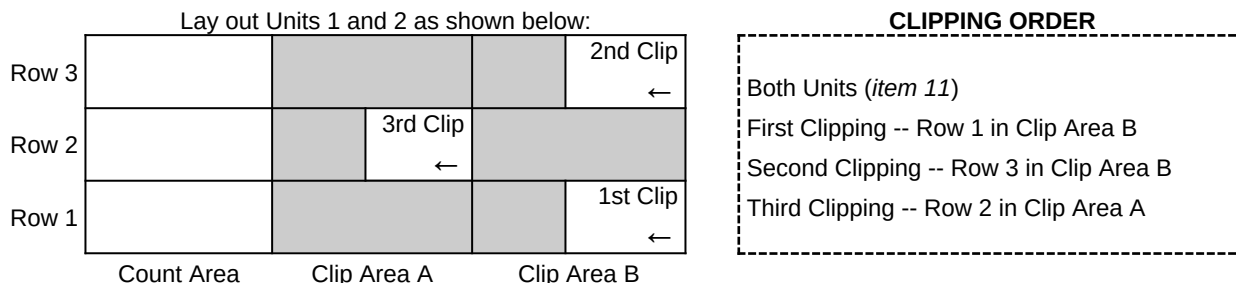
| | | | | | |
|-----|-----|-------|-----|-----|-----|
| 331 | 332 | 333 | 334 | 335 | 336 |
| | 341 | | | 344 | |

(Complete 9b only on Final PRE-HARVEST VISIT)

Form – B: WHEAT

10. **If the MATURITY CODE circled in item 6 for Unit One** (or Unit Two when Unit One is blank) **is:**

- Code 1 or 2: SKIP items 11 and 12. Enter enumerator and supervisor numbers and sign name.
- Code 3, 4 or 5: Go to item 11.
- Code 6 or 7: Go to item 12.
- Code 8 (Both Units): Record dashes for appropriate items plus note on Form B and kit envelope that both units are in blank area. Enter enumerator and supervisor numbers and sign name.



11. **WITHIN CLIP AREAS: Make clippings in the designated ROW within Clip Areas OF EACH unit following steps below.**

**If Unit 2 Maturity Code is 2, enter enumerator and supervisor numbers below and sign name.

Discard Unit 1 clipping and DO NOT send any clippings to the Lab.

Step 1 -- Mark half-way point in specified row in clip area.

Step 2 -- **MOW** (cut stalk within 2 inches of base) all wheat stalks in specified row until 5 **Emerged Heads** (If that many) are obtained **OR** until one-half the row is completely mowed. Begin mowing at the end of the row farthest from count area and mow in direction of count area. Examine each stalk for emerged head as it is mowed; if present, clip stalk 1/2 inch below the head. Place the 5 (or less) emerged heads in a small bag. Record count on YELLOW I.D. tag. Also, when mowing, clip and count any heads in **late boot** at base of top foliage leaf and place in a medium size bag.

Step 3 -- **MOW** remaining stalks up to the half-way mark. Examine each stalk and determine which ones are **emerged heads and late boot heads**. **CLIP** the stalk 1/2 inch below the emerged head or at base of top foliage leaf for late boot heads. Place the **remaining emerged heads** in a large bag and the **late boot heads** in a medium bag.

Step 4 -- Record the count of the remaining emerged heads and the late boot heads on the YELLOW I.D. tag.

Repeat steps 1 through 4 for Unit 2 using same bags for emerged heads and late boot heads as used in Unit 1. Prepare one I.D. tag. Label all bags with sample number. Seal and place the small and medium size bags in the large bag. Seal large bag. Verify and date YELLOW I.D. tag and attach to outside of large bag.

Check here after placing the large bag in a Tyvek envelope addressed to **NATIONAL LABORATORY**. ENTER enumerator and supervisor numbers and sign name.

12. **WITHIN COUNT AREAS -- Clip and Count all heads in count area of BOTH units following steps below.**

Use a separate large bag for each unit.

Step 1 -- Clip all heads in **Late Boot at base of top foliage leaf in Row 1 - Compare with item 8 count.**

Step 2 -- Clip **all Emerged heads 1/2 inch below head in Row 1 - Compare with item 9a count** and place emerged heads in same bag with late boot heads.

Step 3 -- Repeat steps 1 and 2 for **Rows 2 and 3**. -- Check counts.

Step 4 -- Pick up all **Detached Heads** on ground in unit counted in **item 9b**. Place in bag with clipped heads.

Copy recorded heads from items 8 and 9 of Form B onto PINK I.D. Tags.

Date & attach one I.D. Tag to each large bag.

Check here after placing bags in a Tyvek envelope addressed to **NATIONAL LABORATORY**.

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

ENUMERATOR: _____

UPS Tracking Number: _____

Enumerator Number

390

Supervisor Number

391

Evaluation

393

(For samples sent to National Laboratory)

STATUS CODE

| |
|-----|
| 380 |
|-----|