

2024 WINTER WHEAT OBJECTIVE YIELD STUDY GUIDE

SURVEY PURPOSE

The Winter Wheat Objective Yield Survey is one of three objective yield surveys conducted in Ohio. Ohio also conducts both a Corn Objective Yield Survey and a Soybean Objective Yield Survey. The term “objective” means that the data are based on actual counts and measurements. Objective yield studies are scientifically designed. Field observations and measurements must be made precisely according to the rigid rules given in the Interviewer’s Manual.

The *purpose of the Winter Wheat Objective Yield Survey* is to accurately predict the production of Winter Wheat at the State, Regional, and National levels. The enumerator’s job in this process is threefold:

1. To provide NASS with counts and measurements which are used to forecast and/or estimate a Winter Wheat yield per acre during the growing season.
2. To provide NASS with counts and measurements of the Winter Wheat left in the field after harvest. This data is used to estimate the harvest loss.
3. To provide changes in acres intended for harvest. These changes result from the sampled field being plowed up or destroyed after the March Agricultural Survey or the June Agricultural Survey, but before harvest.

The Winter Wheat Objective Yield Survey provides factual information. This is a tool which farmers can use in making knowledgeable business decisions concerning marketing strategies, farming practices, and changing intended crop usage.

Winter Wheat sample fields are selected from farms reporting Winter Wheat acreage for harvest during the March Crops/Stocks Survey. All fields reporting Winter Wheat are eligible for sampling. The sample is drawn so that the probability of any field being chosen is relative to the size of the field. Ohio’s Winter Wheat Objective Yield survey is conducted from the last week of May through harvest.

SURVEY CHANGES (from the last couple of years) & REMINDERS

Listed below are some important topics for 2023 WOY:

- FORM A will be completed on CAPI (via the iPad)

- Sample Size – For OHIO – We have continued to keep our original sample size of 80 samples.

-Form A is field and phone interviews (up to three field visits in two months) – with field selection simplified – you will choose a field with a cardinal direction: CLOSEST, FARTHEST, EASTERN, WESTERN, NORTHERN, or SOUTHERN field (the table will tell you in Column 1)

-Data Collection:

-ALL samples (Form A) will be visited in MAY and counts/clippings completed on ALL FORM Bs (from May 25-June 1). You will continue completing WOY in Late June and Late July or until harvest of wheat is complete.

-FORM A will be completed on CAPI, along with continuing to submit Form B in CAPI

-Form E are sent to St. Louis with the GLEANING SAMPLE!

National OY Lab: All wheat lab samples will be processed in the National OY lab at the National Operations Center (NOC) in St. Louis, MO.

-Mailing wheat samples to the NOC: We will continue to use UPS and Tyvek envelopes. **Please find out where the closest UPS drop-off is to you.**

·Sampling Reminder: Winter Wheat samples are selected from the March Crops/Stocks Survey.

Respondents reporting Winter Wheat in March are eligible to be sampled.

·Label Reminder: Rows/paces labels will be placed on the front of the kit envelope. Use these labels to determine paces for both units after the sample field is selected during the Form A PHONE interview.

·Form A Reminder: All questions refer to the total operation and/or the sample field.

FORM A-1

The *purpose of Form A-1* is to update the acres of winter wheat expected to be harvested since the March Agricultural Survey. This form is also used to verify the sample field, determine the acres to be excluded, obtain permission to locate both the sample and gleaning units, and obtain information on whether or not the field is intended to be irrigated.

Question 2: Table A records the total acres of **ONE FIELD** of winter wheat to be harvested. Columns 3 and 4 are used to indicate areas of the field that will not be harvested for winter wheat. Column 5 is description of the location of the field.

SAMPLE NUMBER and DIRECTION	TOTAL ACRES IN FIELD	Acres in USES or CROPS OTHER THAN WINTER WHEAT to be harvested for grain		LOCATION DESCRIPTION/ INTERSECTION OF FIELD
		USE	ACRES	
1	2	3	4	5
1-CS (closest southern field)	25.0		1.0	SW Corner of State Route 256 and Basil Rd.

When the sample field is selected:

Question 3. Once you have filled out the first line and selected your field, please write the acreage in Q3.

Question 7. If any pesticides were applied to the sample field, follow the reentry schedule outlined on page 108 of your interviewer's manual.

UNIT LOCATION AND FORM B

The unit will be laid out the first month. It will only be laid out again if it was unable to be re-located. Two units will be laid out for each sample. The rows and paces are determined by the acres of winter wheat for harvest. The rows and paces are found on the front of your kit envelope and should be copied to all Form B's and Form E. Unit location will be covered in detail at the school, but it starts with locating and marking a starting corner. All sampled fields should also be drawn on your kit envelope. These should be completed with care and precision. If you are not able to complete your assignment, another enumerator should be able to complete your work from the map on your kit envelope. The starting corner should also be noted on your kit envelope.

The *purpose of Form B* counts and observations are to develop an indication to help set the monthly winter wheat yield. Form B is the crux of the survey. Several Form B's will be completed throughout the survey cycle.

Form B walks you through the procedures to complete it successfully. Follow the skip instructions and this form will flow smoothly. When the stage of maturity is completed, circle the appropriate counts to be made.

Important Reminders:

- a. Emerged heads: Emerged heads must be clipped ½" below the head. The lab is adamant about this procedure being followed correctly.
- b. The maturity stage for both units 1 and 2 must be circled on the Form B.
- c. Item 9b: number of detached heads in unit - is completed only on the Final Pre-harvest Visit.
- d. Items 11 and 12: Don't forget to look at each step when mailing to the lab. This is a very important step when the lab calls with any questions.

FORM E

The *purpose of Form E* is to provide harvest loss. Form E is completed for every fourth sample (your kit envelope will be marked accordingly). Close contact should be maintained with the operator because gleanings must be done within 3 days of harvest. If the sample field is lost for gleaning, an alternate field will be chosen (the closest field on the farm) and you will write "Alternate Field" on the Form E.

Do not complete the back of the Form E.

Due Dates

FORM "A"s will be DONE on the IPAD (CAPI – GREEN ICON)!!!!

FORM "B"s will be DONE on the IPAD (CAPI – GREEN ICON)!!!!

MAIL CLIPPING and FINAL HARVEST SAMPLES AND FORM "E" GLEANINGS AND SAMPLES TO ST. LOUIS, MISSOURI!

Data Collection Period

May 25 (Saturday) – June 1 (Saturday) **MAIL UPS by Saturday June 1st**

June 24 (Monday) – June 29 (Saturday) **MAIL UPS by Saturday June 29th**

July 25 (Thursday) – July 31 (Wednesday) **MAIL final harvest/gleanings before Wed. July 31st**

Copies should be made of anything mailed on the last 2 days of the data collection period. (including ID CARDS and tracking numbers)

Project Code: 101 Winter Wheat Objective Yield Survey