

S1UPPLEMENTAL SUPPORTING STATEMENT Part B

Cooperator Funded Chemical Use Surveys

Substantive Change

OMB No. 0535-0273

This substantive change is being submitted as a supplemental supporting statement for the Minnesota Best Management Practices Survey. This survey is funded under a cooperative agreement with Minnesota Department of Agriculture (MnDA) under full cost recovery.

The survey was previously done in 2021. The questionnaire was updated based in results of the 2021 survey to simplify questions for respondent and better match future data needs. Sampling, summarization, and publication goals have not changed.

B. COLLECTION OF INFORMATION EMPLOYING STATISTICAL METHODS

- 1. Describe (including a numerical estimate) the potential respondent universe and any sampling or other respondent selection method to be used. Data on the number of entities (e.g., establishments, State and local government units, households, or persons) in the universe covered by the collection and in the corresponding sample are to be provided in tabular form for the universe as a whole and for each of the strata in the proposed sample. Indicate expected response rates for the collection as a whole. If the collection has been conducted previously, include the actual response rate achieved during the last collection.**

The only change from what is approved is that the target commodities are corn and soybeans.

From the approved supporting statement B:

“The respondent universe for the **Minnesota Pesticide and Fertilizer and Minnesota Best Management Practices Surveys** will include operations that planted one of the target commodities in the reference crop year. The NASS list frame will be used to identify operations based on control data. A sample of approximately 7,600 operators will be selected to provide data for a district and state level summary statistics. Random systematic sampling will be used.”

- 2. Describe the procedures for the collection of information including:**
 - statistical methodology for stratification and sample selection,**
 - estimation procedure,**
 - degree of accuracy needed for the purpose described in the justification,**

- **unusual problems requiring specialized sampling procedures**

There are no changes from the original approval for the procedures to collect information.

- 3. Describe methods to maximize response rates and to deal with issues of non-response. The accuracy and reliability of information collected must be shown to be adequate for intended uses. For collections based on sampling a special justification must be provided for any collection that will not yield "reliable" data that can be generalized to the universe studied.**

There are no changes from the original approval for the methods to maximize response rates and deal with issues of non-response.

- 4. Describe any tests of procedures or methods to be undertaken.**

There are no changes from the original approval on test of procedures.

- 5. Provide the name and telephone number of individuals consulted on statistical aspects of the design and the name of the agency unit, contractor(s), or other person(s) who will actually collect and/or analyze the information for the agency.**

There are no changes to the individuals and contact information.

March 2023