

Illinois Nutrient Loss Reduction Questionnaire - 2021

Removed from approved questionnaire

2. Of the total CORN ACRES in 2017, please record the acres fertilized with the strategies listed below. **Include** fertilizer applications in the preceding fall and winter, as well as pre-plant and post-plant applications. **Exclude** manure applications.

NITROGEN

- a. Fall/ Winter NITROGEN fertilizer was applied with a nitrification inhibitor . . .
- b. Spring NITROGEN fertilizer was applied with a nitrification inhibitor
- c. Fall/ Winter NITROGEN fertilizer was 50% or less of total nitrogen, with remainder applied as pre-plant in the Spring
- d. Fall/ Winter NITROGEN fertilizer was 0% of total nitrogen fertilizer (all Spring applications)
- e. Less than 50% Fall/ Winter applications, with remaining NITROGEN fertilizer applications split between pre-plant and side-dress applications

| | 2017 Crop Season Non-Tiled Acres | 2017 Crop Season Tiled Acres |
|----|--|------------------------------------|
| a. | | 305 |
| b. | | |
| c. | | |
| d. | | 307 |
| e. | | 308 |

PHOSPHORUS

- f. On how many acres have you reduced your PHOSPHORUS application rates since 2011?
- g. On how many acres have you changed the placement of your PHOSPHORUS applications to move from broadcast to subsurface application or banding application?

| | | |
|----|--|--|
| f. | | |
| g. | | |

Added in 2021

SECTION 4 – COVER CROPS

COVER CROPS refers to crops including grasses, legumes and forbs planted for conservation purposes, including erosion control, improving soil structure, moisture, and nutrient content, increasing beneficial soil biota, or providing habitat for insects, pollinators and wildlife.



- 1. On how many acres did you plant cover crops preceding the 2021 crop?
 - a. Of those acres, how many acres utilized cover crops prior to CORN?
 - b. Of those acres, how many acres utilized cover crops prior to SOYBEANS?
 - a. Please exclude double-crop soybeans planted after a winter wheat cash crop.

| |
|-----|
| xxx |
| xxx |
| xxx |

Of the total CORN ACRES in 2021, please record the acres fertilized with the strategies listed below. **EXCLUDE** manure applications.

| Please consider all the acres of CORN you planted in 2021, and all the fertilizer you applied for that crop. | Corn Acres |
|---|------------|
| 2. How many CORN acres were fertilized with dry fertilizer blends containing Nitrogen in the fall and winter preceding 2021? | xxx |
| 3. How many CORN acres were fertilized with Anhydrous Ammonia during the Fall and winter preceding 2021? | xxx |
| a. Of those acres fertilized with Anhydrous Ammonia in the fall, on how many acres did you fertilize using a nitrification or inhibitor? | xxx |
| 4. Of your total corn acres, how many acres were part of a split-application, where some of the nitrogen was applied in the spring and some in fall or winter (split application acres)? | xxx |
| 5. How many CORN acres were fertilized with 100% of your Nitrogen needs <u>during the spring</u> of 2021 (spring only Nitrogen applications)? | xxx |
| 6. Of all the acres you fertilized in the spring with Nitrogen, including split application acres and spring only acres, on how many acres did you fertilize using a nitrification or urease inhibitor? | xxx |