



Illinois Nutrient Loss Reduction Strategy Survey

Released August 22, 2024

This addendum includes some additional results from the 2023 Nutrient Loss Reduction Strategy Survey for tilled acres in Illinois and reductions in phosphorus applications. The staff of NASS again would like to thank the Illinois Nutrient Research Education Council (NREC) for funding this project, the producers that responded to the survey, and the NASDA enumerators that collected much of the data used in this report.

TILED ACRES

Tiled Acres	2021	Tiled Acres in 2023
Corn	7,020,000	6,940,000
Soybeans	6,150,000	6,180,000
Other crops	390,000	410,000
Total Cropland	13,560,000	13,530,000

PHOSPHORUS

Reductions in phosphorus applications		2017 Survey	2019 Survey	2021 Survey	2023 Survey
Tile-drained acres	Acres where phosphorus application rates were reduced since 2011	4,440,000	7,410,000	6,210,000	8,520,000
Non tile-drained acres	Acres where phosphorus application rates were reduced since 2011	2,150,000	3,800,000		
Total acres		6,590,000	11,210,000		
Tile-drained acres	Acres where placement of phosphorus applications moved from broadcast to subsurface or banding	1,530,000	1,440,000	1,080,000	1,870,000
Non tile-drained acres	Acres where placement of phosphorus applications moved from broadcast to subsurface or banding	280,000	870,000		
Total acres		1,810,000	2,310,000		

When asked about reasons for reducing phosphorus applications, producers gave the responses below.

NOTE: Respondents could choose more than one reason.

- Changes to the Illinois Agronomy Handbook removal rates were cited as the reason for phosphorus reductions on more than 2.8 million acres.
- Soil test results were cited as the reason for reductions on 6.9 million acres.
- Other reasons, including cost, were cited as reasons for reductions on more than 2 million acres.



Released August 22, 2024

Illinois Nutrient Loss Reduction Strategy Survey

Reasons for reducing phosphorus applications	2017 Acres	2019 Acres	2021 Acres	2023 Acres
The Illinois Agronomy Handbook removal rates for phosphorus were updated	2,390,000	4,460,000	1,940,000	2,840,000
Soil test information	4,520,000	9,470,000	4,570,000	6,900,000
Other reasons, including cost	2,420,000	5,030,000	2,010,000	2,260,000