

Surveying Agronomic Management Practices in Ohio

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Introduction

- The OSU AgCrops Team provides relevant agronomic information via research, multimedia, and educational programs
- Stakeholders were surveyed to assess current and/or future management practices to prioritize future team activities



Figure 1. AgCrops Team engages with growers at 2022 Farm Science Review in London, OH.

Objectives

- Identify current and emerging agronomic management practices in Ohio
- Prioritize future extension research and programming based on identified trends

Materials & Methods

- 10-minute anonymous, online survey was developed using Qualtrics XM software
- Questions were customized based on the five following occupation categories:
 - Farmer/Farm Manager/Farm Employee
 - Agronomist/Crop Consultant
 - Agronomy Retail Sales/Application
 - Educational/Agency
 - Other Agribusiness
- Survey was emailed to 5,685 C.O.R.N. newsletter subscribers

Results

480 completed responses

- Representing 9 countries and 23 states
- 398 completed responses from Ohio residents
- Representing 69 out of 88 total counties
- Average of 5 survey participants per county
- Over 2/3 of respondents either directly managed or advised crop acres

Only responses from Ohio residents were included in the results below

Greater Prophylactic Fungicide Use in Wheat than Corn and Soybean

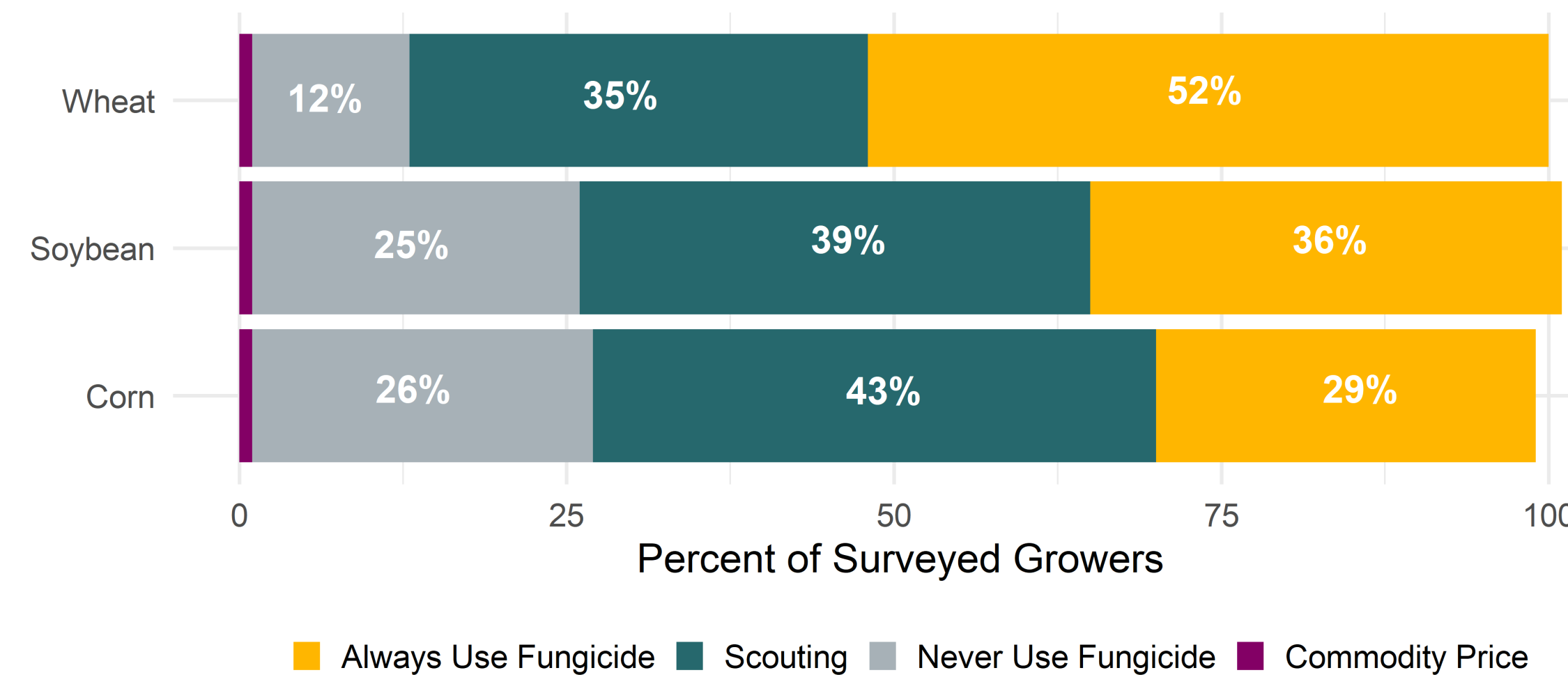


Figure 2. Fungicide use rationale for wheat, soybean, and corn acres based on farmer/farm manager/farm employee responses.

Grower and Consultants Disagree on Government/Conservation Funding Being Primary Reason to Plant Cover Crops

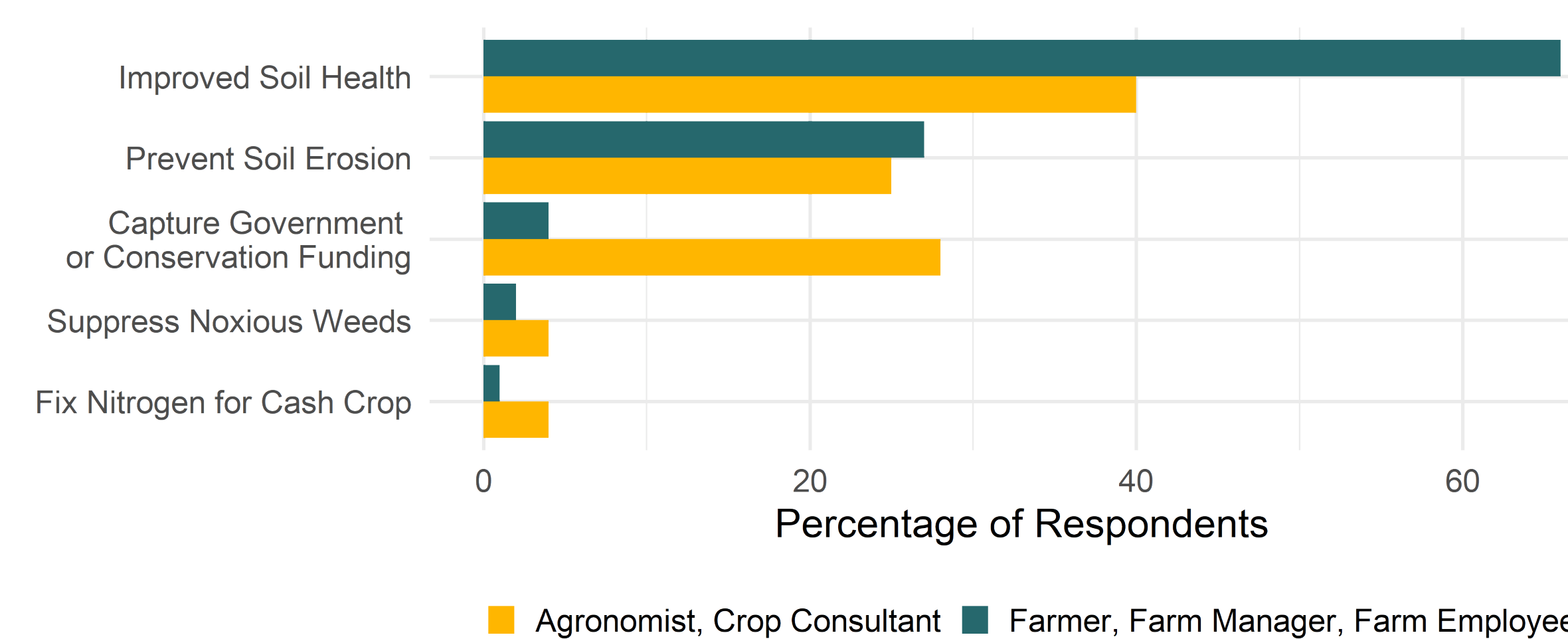


Figure 3. Primary reason producers plant cover crops as seen by agronomist/crop consultant vs. farmer/farm manager/farm employee responses.

Majority of Producers Use Yield Goal Based Nitrogen Strategy

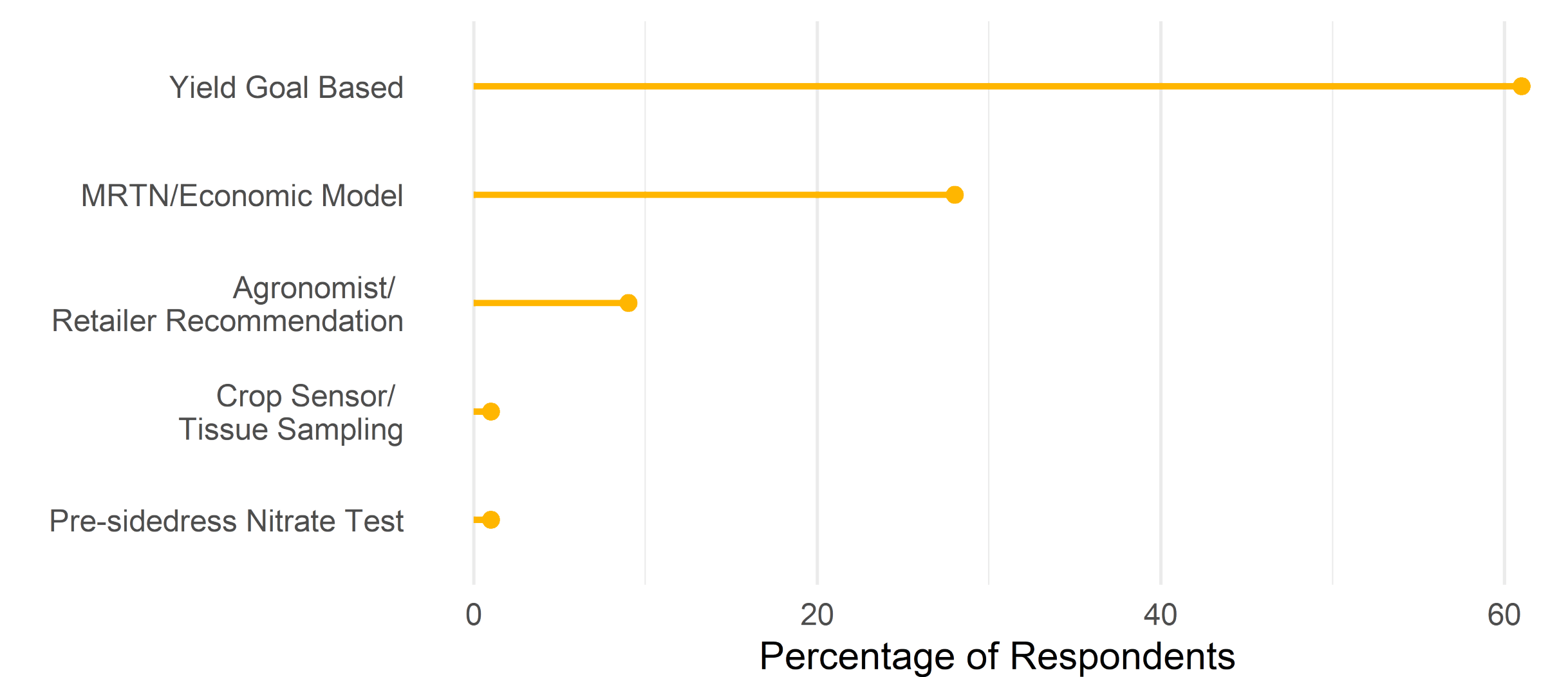


Figure 4. Method surveyed producers planned to use to set nitrogen rates for corn acres in 2022 growing season.

Conservation Tillage Practiced in Majority of Acres

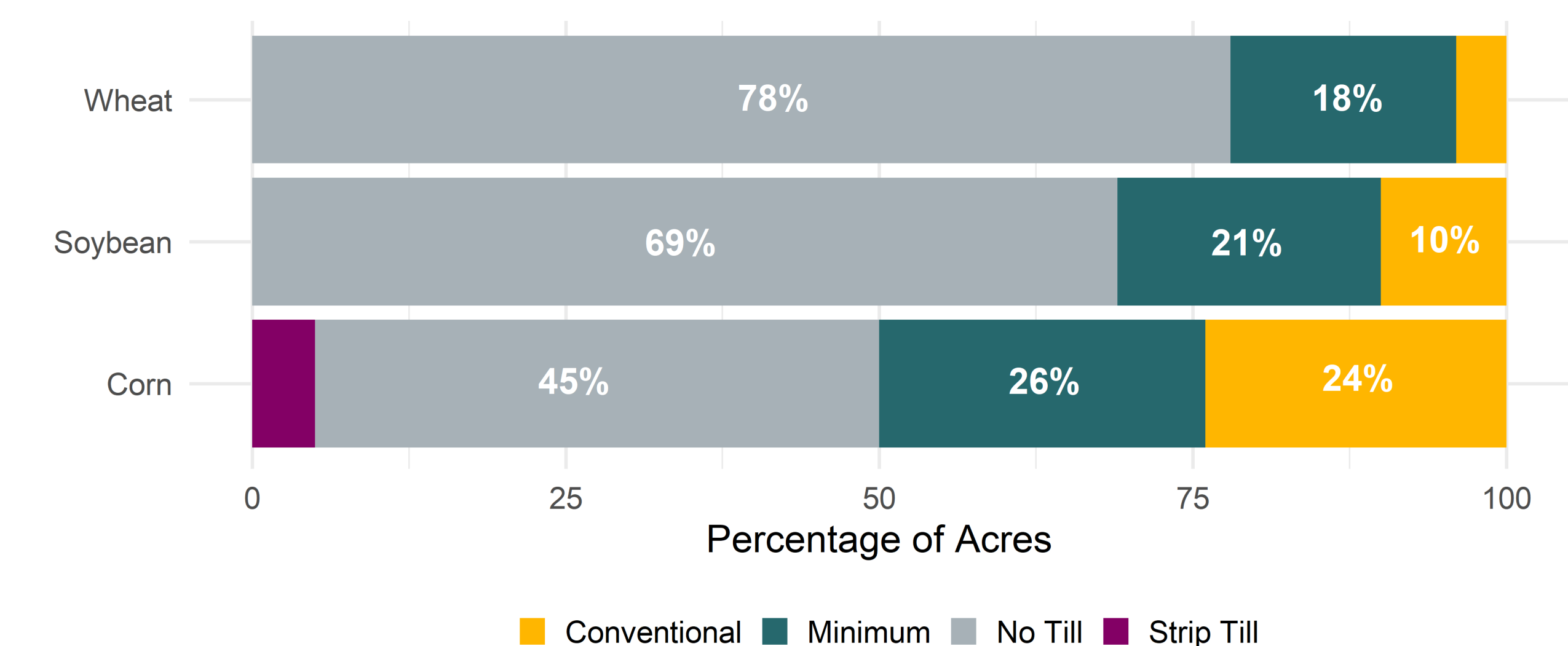


Figure 5. Percentage of 2022 intended wheat, soybean, and corn acres by tillage practice.

Conclusions

- An online survey was used to assess agronomic management practices in Ohio
- Future work includes publishing a complete survey report and repeating the survey in future years to measure trends over time
- Overall, this data will allow the Agronomic Crops Team to identify research and programming needs and better serve Ohio's agronomic crop industry