

TEMPORAL VARIABILITY IN CROP REQUIREMENTS – GOING BEYOND SPATIAL IN OHIO

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ABSTRACT

Much of the technology developed for precision agricultural applications focuses on spatial variability in crop inputs. While this is an important endeavor to maximize profitability and minimize environmental issues, temporal variability in crop requirements is often overlooked. The purpose of this presentation is to illustrate the importance of realizing that many crop requirements also vary temporally (and spatially-temporally). We will provide evidences of temporal variability in Ohio, and what Ohio State University has done to help farmers and consultants make better decisions.