

Connecting On-Farm Study and Long-Term Ecological Research to Improve N Synchrony

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- **Environmental conditions** and soybean growers' **management practices** differences lead to variation in the N dynamic within Michigan.
- How do nitrogen dynamics vary across Michigan on soybean fields, and how does this relate to main site fields in the long-term ecological research at KBS?
- Recruited soybean farmers and sampled by soil zone within fields of farmers in five clusters across Michigan (Sampling sites = 267).
- Surveys that documented field crop management practices.
- Soil analyses at three timepoints (pre-plant, mid-season, after harvest).

