Online Cover Crop Selector Tool and Training

MCCC Cover Crop Selector Tool

- **Goals**: Ranks cover crops for up to 3 attributes (such as Nitrogen Source, Nitrogen Scavenger, Erosion Fighter, etc.)
- **Soil Drainage Information**: Eliminates cover crop species based on soil suitability
- **Location**: 30 year local climate data influences seeding date windows for individual counties
- **Cash Crop**: Planting / Harvest dates remind users of timeframe the crop is in the field and whether or not interseeding is necessary (blue box on seeding chart)
- **Detailed Information Sheets**: Generated by clicking cover crop species name
- **Seeding Windows**: Based on county level climate data
  - Green - reliable establishment
  - Yellow - freeze risk to establishment
  - Red - frost seeding

Cover crop species that don’t meet soil drainage class requirements or goals drop off the suggested list

Online Cover Crop Selector Tool available at [mccc.msu.edu](http://mccc.msu.edu)

Professional Development

This professional development project will improve cover crop knowledge for cover crop professionals as well as farmers and crop advisors in 8 states. Cover crop professional teams include Extension, University Specialists, NRCS, SWCD, seedsmen, crop advisors, and farmers.

**Activities**
- Organize statewide cover crop professionals into a team to create or update the MCCC cover crop selector tool for their state
- Cover crop professionals meet in-person with MCCC program manager for team building and to begin discussions for selector tool work
- Information for the selector tool is reached through team consensus during a series of web conferences
- MCCC builds or updates each state’s selector tool
- Conservation professionals from that state will be invited to a training on using new MCCC resources

**Progress to Date**
- Nebraska is currently in progress from another project
- South Dakota team is in place and in the process of making recommendations
- North Dakota team has met in person and will begin discussions soon

**MCCC Cover Crop Selector Tool**

North Dakota cover crop experts discuss options to include in the MCCC North Dakota Cover Crop Selector Tool.

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Special thanks to our partners:

- Purdue University
- Michigan State University
- USDA- Agricultural Research Service
- Iowa State University
- Ohio State University
- Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA)
- University of Guelph-Ridgetown Campus
- University of Minnesota
- University of Wisconsin
- North Dakota State University
- University of Illinois
- University of Missouri
- Kansas State University
- University of Nebraska-Lincoln
- South Dakota State University
- and other governmental and private organizations

*States to be updated as part of this project*

- Indiana
- Ohio*
- Michigan*
- Illinois*
- Wisconsin*
- Minnesota*
- Iowa*
- Missouri
- Kansas