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Bay City, MI
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Soil Info

- Clay loam
- 0-2% Slope
- Tiled
- Minimal Tillage
 - No-till Wheat
- Dairy Doo @ 1 ton/acre

Cover Crops

- Spring Barley
- Oats
- Oil seed radish
- Field peas
- Red clover
- Cereal rye
- Wheat

Spreading Cover Crops



Fall/ Spring Tillage



Fall Tillage



Fall Tillage



Oil Seed Radish

- Nematode Suppression
- Reduces Soil Compaction
- Nitrate Retention

Oil Seed Radish



Oil Seed Radish



Oil Seed Radish



Fall Tillage / Oil Seed Radish



Oats / Oil Seed Radish



Oats / Radish after Dry Beans



Winter Wheat



Oil Seed Radish / Winter Wheat



Spring Barley / Oil Seed Radish





Spring Barley / Oil Seed Radish

Field Pea Cover Crop



Austrian Winter Pea



Oil Seed Radish
/Austrian Winter
Pea/ Red Clover



3-way mix after Wheat



3-Way Mix After Fall Tillage



Cereal Rye



Cereal Rye



Cereal Rye / Sugar Beets



Rye Cover Crop



Cereal Rye / Oil Seed Radish



Oil Seed Radish after Sugar Beets





Oil Seed Radish inter-seeded
into Winter Wheat

Oil Seed Radish
inter-seeded into
Winter Wheat



Termination of Cover



A tractor is shown from a rear perspective, plowing a dark, textured field. A large, dense cloud of dust or soil is being kicked up by the plow, partially obscuring the tractor and the background. The background consists of a line of green trees under a bright sky.

Spring Tillage

- **Single Pass**
- **Shallow**

Spring Tillage



Spring Tillage



JD 1790 Planter





Crystal Green- Wheat Trial



Financial Support

- Government
 - CSP, EQUIP, CREP, CRP
- Private
 - Truterra- Carbon and Ecosystem (90%)
 - Cargill Regen Connect-Ecosystem (10%)
- Farmers for Soil Health-Climate Grant



- [John Burk - Bay City, Mich. - YouTube](#)