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Wheat Research and Scouting Report


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Planting date & seeding rate


- Current recommendations:
 - 1.2 to 2.4 million seeds per acre
 - Ramp rate up as date gets later – 1.2 mil in mid-Sep, 1.8 mil in mid-Oct, 2.4 in early Nov
 - Plant after hessian fly free date
 - Planting early improves yield potential
 - Goal: 2-3 tillers in fall
- Based on research data from the 90's - Time to revisit



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Planting date x seeding rate study

- Seeding rates (million seeds/a):
 - 0.8, 1.2, 1.6, 2.0, 2.4
- Planting dates:
 - Sep. 19, Oct. 7, Oct. 18, Oct. 29, Nov. 15
- Planted fall of '19 at Mason Research Farm
- Variety: SY100 SRW
- Fertilizer: starter, 90# at GU, 30# at F6
- Fungicide: ### applied with herbicide + Prosaro applied at Flowering



Planting Dates and Seeding Rates for Wheat in MI



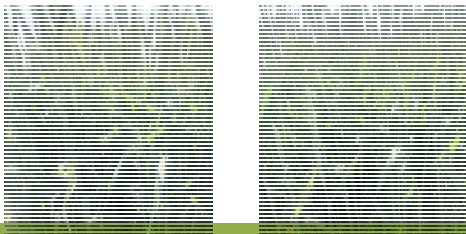

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Recorded on May 15, 2020

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Leaf Canopy Architecture Study

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Malting Wheat




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Frost damage



A photograph showing corn plants with significant frost damage. The leaves are brown and withered, and the tassels appear shriveled and discolored. The plants are growing in a field with soil visible at the base.

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Frost damage



A photograph showing corn plants with frost damage, similar to the previous slide. The leaves are brown and withered, and the tassels are discolored. The plants are growing in a field.

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Barley Yellow Dwarf Virus



A photograph showing corn plants affected by Barley Yellow Dwarf Virus. The leaves are yellowed and stunted, and the tassels are small and discolored. The plants are growing in a field.

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Cereal Leaf Beetle



A close-up photograph of a Cereal Leaf Beetle on a green corn leaf. The beetle is small, dark, and oval-shaped. The leaf shows some yellowing and damage.

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Powdery Mildew



A photograph showing corn plants with Powdery Mildew. The leaves are covered in a white, powdery substance, and the plants appear stunted and yellowed. The plants are growing in a field.

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Questions?

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