

Michigan State University Wheat Breeding and Genetics

Soft white winter wheat variety releases

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Whitetail

Soft White Winter Wheat

Ambassador/Jupiter

- Highest yielding soft white winter wheat tested in 2017 and 2018 commercial yield trials
- Short plant architecture
- Lower DON than any soft white winter wheat variety available
- Available for planting in 2019

MI14W1039

Soft White Winter Wheat

Ambassador/D6234

- Higher grain yield than currently available SWW varieties
- Early flowering provides the opportunity to split variety maturities
- Lower FHB risk than current SWW varieties
- Available for planting in 2020

Line	2017/18 Yield	JDF	Height
MI14W1039	88.5	147.7	32.5
Whitetail	87.4	149.7	30.5
Jupiter	86.9	150.0	30.2
Ambassador	83.2	148.3	31.7
Dyna-Gro 9242W	83.1	149.0	32.5
<i>Mean</i>	<i>85.8</i>	<i>149.0</i>	<i>31.6</i>
<i>LSD (0.10)</i>	<i>5.2</i>	<i>1.5</i>	<i>1.7</i>

Grain yield is in bushels per acre from two years of yield testing at five locations in Michigan

JDF is the number of days past January 1

Plant height is in inches

Sponsors: Michigan Wheat Program, Michigan Crop Improvement Association, Michigan Millers Association, US Wheat and Barley Scab Initiative, Project GREEN, USDA-NIFA