

MICHIGAN STATE
UNIVERSITY

Grand Haven
(MSGG039-11Y)

Parentage: Soraya x MSBB719-01
Developers: Michigan State University and the MSU AgBioResearch.
Plant Variety Protection: To Be Applied For.



Strengths: MSGG039-11Y is a very high yield potential yellow-flesh potato with an attractive, round-oval tuber shape, extreme resistance to Potato Virus Y (PVY), and moderate susceptibility to common scab (*Streptomyces scabies*). The PVY resistance is derived from the *Ry adg* gene. This line has demonstrated excellent high yield potential in replicated trials at the MSU Montcalm Research Center, on grower field trials throughout Michigan, and in national trials. This yellow flesh line has excellent internal quality (few defects) and a low incidence of blackspot bruise. MSGG039-11Y has a strong vine and a mid-early season maturity. The tubers of MSGG039-11Y have an attractive, bright skin and uniform, smooth tuber shape.

Incentives for production: High yield potential with an attractive, bright skin and smooth tuber shape, with good yellow flesh color, excellent internal quality and extreme resistance to PVY.

Agronomic Characteristics:

Maturity: Medium-early maturity.

Tubers: Round tubers with a bright, smooth yellow colored skin. Tubers have an attractive yellow flesh with a low incidence of internal defects.

Yield: High yield under irrigated conditions, greater than Yukon Gold and Colomba.

Specific Gravity: Medium specific gravity (1.066 in Michigan).

Culinary Quality: Excellent culinary quality.

Diseases: Extreme resistance to PVY. Moderate susceptibility to common scab (*Streptomyces scabies*).

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