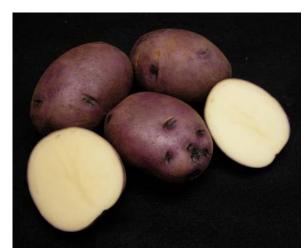
Michigan Purple

Parentage: W870 x Maris Piper

Developers: Michigan State University and the Michigan Agricultural Experiment Station **Plant Variety Protection:** In application

Strengths: Michigan Purple is a purpleskinned tablestock variety with brilliant white flesh with low incidence of internal defects. The tubers have an attractive round-ovoid shape and a strong iridescent purple skin. Yield is high under irrigated conditions, and also performs well under dryland conditions.



Weaknesses: Susceptibility to common scab.

Incentives for production: The purple-skinned, white-fleshed tubers of Michigan Purple offer a unique type that could lend itself to the specialty variety market, such as gourmet restaurants and food stores, as well as farm and road-side markets.

Seed Availability: Virus-free tissue culture plantlets of Michigan Purple were sent to Sklarczyk Seed Farm (8714 M32 East, Johannesburg, MI 49751 phone 989-731-5452) and Krueger Seed Farm (2797 W. Hawkes Hwy., Hawks, MI 49743 phone 989-734-7366). Small amounts of seed for testing can be obtained from Dave Douches at Michigan State University (884-6946, douchesd@msu.edu).

Morphological Characteristics:

Plant: Semi-erect vine is medium to tall in height, with a balance between visible stems and foliage, and violet colored flowers.

Tubers: Round-ovoid tubers with a bright and smooth, purple colored skin. Tubers have bright white flesh with a low incidence of internal defects.

Agronomic Characteristics:

Maturity: early mid-season (similar to Yukon Gold).

Tubers: Round-ovoid tubers with a bright and smooth, purple colored skin and a bright white

flesh.

Yield: High yield under irrigated and dryland conditions.

Specific Gravity: About 1.070 in Michigan.

Culinary Quality: The Michigan Purple tubers can be used for baking, mashing, and microwave cooking and have excellent taste quality. The tuber flesh is a brilliant white with excellent internal quality and does not darken after cooking.

Foliage: Medium to tall, semi-erect vine.

Diseases: No specific disease resistance.

Storability: Medium dormancy comparable to Atlantic.