

Huron Chipper (MSW485-2)

Parentage: MSQ070-1 x MSR156-7

Developers: Michigan State University
and the MSU AgBioResearch.

Plant Variety Protection: To Be Applied
For.

Strengths: MSW485 is a chip-processing
potato with resistance to and late blight
(*Phytophthora infestans*), and stronger
tolerance to common scab
(*Streptomyces scabies*) than Atlantic.

This variety has high yield and good specific gravity, with attractive, uniformly
round tubers. MSW485-2 has a strong vine and a mid-season maturity, and has
demonstrated excellent long-term storage chip-processing quality. MSW485-2
has performed well in multiple locations in the PotatoesUSA National Chip
Processing Trials (NCPT) and national SFA (SNaC) trials.



Incentives for production: Excellent chip-processing quality out of the field and
long-term chip quality with resistance to late blight and common scab, and a good
size profile of uniform, round tubers.

Morphological Characteristics:

Plant: Medium height vine, semi-erect with a balance between stems and foliage
visible, and flowers.

Tubers: Uniform, smooth, round tubers with lightly netted, tan colored skin.
Tubers have a white flesh with a low incidence of internal defects.

Agronomic Characteristics:

Vine Maturity: Mid-season maturity.

Tubers: Smooth, round tubers with lightly netted, tan colored skin and white flesh.

Yield: Above average yield under irrigated conditions, with uniform tubers.

Specific Gravity: Averages similar to above Atlantic and Snowden.

Culinary Quality: Chip-processes from short to long-term storage.

Diseases: Resistant to late blight (*Phytophthora infestans*) and tolerant to
common scab (*Streptomyces scabies*).



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