

MICHIGAN STATE
UNIVERSITY

Mecosta
(MSBB058-1)

Parentage: NY148 x MSR127-2
Developers: Michigan State University and the MSU AgBioResearch.
Plant Variety Protection: To Be Applied For.



Strengths: MSBB058-1 is a chip-processing potato with resistance to common scab (*Streptomyces scabies*) and long-term storage potential. This variety has high specific gravity and good yield potential, with uniformly round tubers. MSBB058-1 has a medium vine and a mid-season maturity, and has demonstrated excellent long-term storage chip-processing quality. MSBB058-1 has performed well in Michigan and multiple locations in the Potatoes USA National Chip Processing Trials (NCPT) and national, multi-state SNAC trials.

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

Agronomic Characteristics:

Vine Maturity: Medium season maturity.

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

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

Specific Gravity: Averages higher than Atlantic and Snowden in Michigan and national trialing locations.

Culinary Quality: Chip-processes with few defects from short and long-term storage.

Diseases: Resistant to common scab (*Streptomyces scabies*).

Contact:

David S. Douches, Ph.D.
Professor and Potato Breeder
<http://potatobg.css.msu.edu/douchesd@msu.edu>



**College of
Agriculture and
Natural
Resources**

**Department of
Plant, Soil and
Microbial Sciences**

1066 Bogue St.
A286 Plant and Soil
Science Bldg.
Michigan State
University
East Lansing, MI
48824-6254

517-355-0271