

## Saginaw Chipper (MSR061-1)

**Parentage:** Pike x NY121

**Developers:** Michigan State University and  
the MSU AgBioResearch

**Plant Variety Protection:** Trademark

**Strengths:** ‘Saginaw Chipper’ is a chip-processing potato with resistance to potato virus Y (PVY), common scab (*Streptomyces scabies*) and foliar late blight (*Phytophthora infestans*). MSR061-1 is the first US potato variety that combines these three resistances. This variety has medium yield similar to Pike and a 1.083 (average in Michigan) specific gravity and an attractive, uniform, round appearance. MSR061-1 has excellent chip-processing quality out of storage and high yield production in the Pacific Northwest growing areas. The tubers of MSR061-1 have a durable netted skin and a uniformly round shape with shallow eyes, which are efficient for chip-processing varieties.



**Incentives for production:** Chip-processing quality with PVY resistance, common scab resistance similar to Pike, foliar late blight resistance (US8, US22, and US23 genotypes), and uniform, round tuber type. MSR061-1 can be grown on scab-infested soil, requires less fungicide active ingredient to manage late blight, and has better seed quality with extreme resistance to all major US strains of PVY.

### **Morphological Characteristics:**

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

**Tubers:** Round tubers with lightly netted, tan colored skin. Tubers have a creamy-white flesh with a low incidence of internal defects.

### **Agronomic Characteristics:**

**Maturity:** Medium-early, similar to Atlantic.

**Tubers:** Round tubers with lightly netted, tan colored skin and creamy-white flesh.

**Yield:** Medium yield under irrigated conditions, similar to Pike.

**Specific Gravity:** Averages 1.083 in Michigan.

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

**Foliage:** Medium to tall, semi-erect vine.

**Diseases:** Resistant to potato virus Y (PVY), common scab (*Streptomyces scabies*) and foliar late blight (*Phytophthora infestans*) resistance.

**Storability:** Medium dormancy comparable to Atlantic.

### **Contact:**

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