Kalkaska
(_MSJ036-A)

**Parentage:** B1254 x S440  
**Developers:** Michigan State University and  
the Michigan Agricultural Experiment  
Station  
**Plant Variety Protection:** To Be Applied  
For

**Strengths:** Kalkaska is a high yielding, round  
white potato with an attractive round  
appearance with shallow eyes. Kalkaska has  
a strong vine and a full season maturity. This  
variety has resistance to *Streptomyces scabies* (common scab) stronger than Pike. Kalkaska  
also has chip-processing storage characteristics and better tolerance to blackspot bruise than  
Snowden.

**Weaknesses:** Sugar levels should be monitored at harvest during cold temperatures.

**Incentives for production:** High-yield, common scab resistance superior to Pike, and good  
tuber type.

**Seed Availability:** Virus-free tissue culture plantlets of Kalkaska 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). Iott Seed  
Farm, (4637 Cool Rd., Kalkaska, MI 49646; phone 231-258-8294) and Krueger Seed Farm  
will have some seed in 2008.

**Morphological Characteristics:**  
**Plant:** Medium to tall height, semi-erect with a balance between stems and foliage visible,  
and white colored flowers.  
**Tubers:** Round tubers with flakey, brown colored skin. Tubers have creamy flesh with a  
low incidence of internal defects.

**Agronomic Characteristics:**  
**Maturity:** Full-season, similar to Snowden.  
**Tubers:** Round tubers with flakey, brown colored skin and a creamy flesh.  
**Yield:** High yield under irrigated and dryland conditions. Greater or equivalent to  
Snowden.  
**Specific Gravity:** Ranges from 1.077 to 1.083 in Michigan.  
**Culinary Quality:** Chip processes from short to mid-term storage.  
**Foliage:** Medium to tall, semi-erect vine.  
**Diseases:** Resistant to common scab (*Streptomyces scabies*) better than Pike. Better  
tolerance to blackspot bruise than Snowden.  
**Storability:** Medium dormancy comparable to Atlantic.