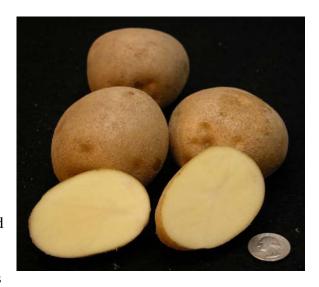# Kalkaska
(MSJ036-A)

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.