Jacqueline Lee  
(MSG274-3)

**Parentage:** Tollocan x Chaleur  
**Developers:** Michigan State University and the Michigan Agricultural Experiment Station  
**Plant Variety Protection:** In application

**Strengths:** Jacqueline Lee has a bright golden skin, yellow flesh, attractive oval shape and excellent cooking qualities that make it suitable for tablestock use. In addition, it has been determined to have a high level of foliar resistance to the US-8 genotype of *Phytophthora infestans* under Michigan field and greenhouse conditions.

**Weaknesses:** Susceptibility to common scab.

**Incentives for production:** The tubers have an attractive tuber type, with bright and smooth skin and a yellow flesh, typical of many European varieties. The plants yield a heavy set of medium-sized (3-6 oz.), uniform tubers. The foliage has a high level of resistance to the US-8 genotype of *Phytophthora infestans*. These medium-sized, uniform, oval-shaped tubers of Jacqueline Lee offer a unique type that could lend itself to the specialty variety market, such as farm and road-side markets.

**Seed Availability:** Virus-free tissue culture plantlets of Jacqueline Lee 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). Small amounts of seed for testing can be obtained from Dave Douches at Michigan State University (517-355-0271 x 194, douchesd@msu.edu).

**Morphological Characteristics:**  
**Plant:** Semi-erect vine is medium to tall in height, with a balance between visible stems and foliage, and violet colored flowers.

**Tubers:** The tubers have an attractive oval tuber type, with bright and smooth golden skin and a light yellow flesh.

**Agronomic Characteristics:**  
**Maturity:** Full-season.  
**Yield:** High yield under irrigated conditions.  
**Specific Gravity:** About 1.080 in Michigan.  
**Culinary Quality:** The Jacqueline Lee tubers can be used for baking, mashing, and microwave cooking and have excellent taste quality similar to Yukon Gold.  
**Foliage:** Medium to tall, semi-erect vine.  
**Diseases:** Strong foliar resistance to Late Blight (*Phytophthora infestans*).  
**Storability:** Strong dormancy comparable to Russet Burbank.