

# MARCY

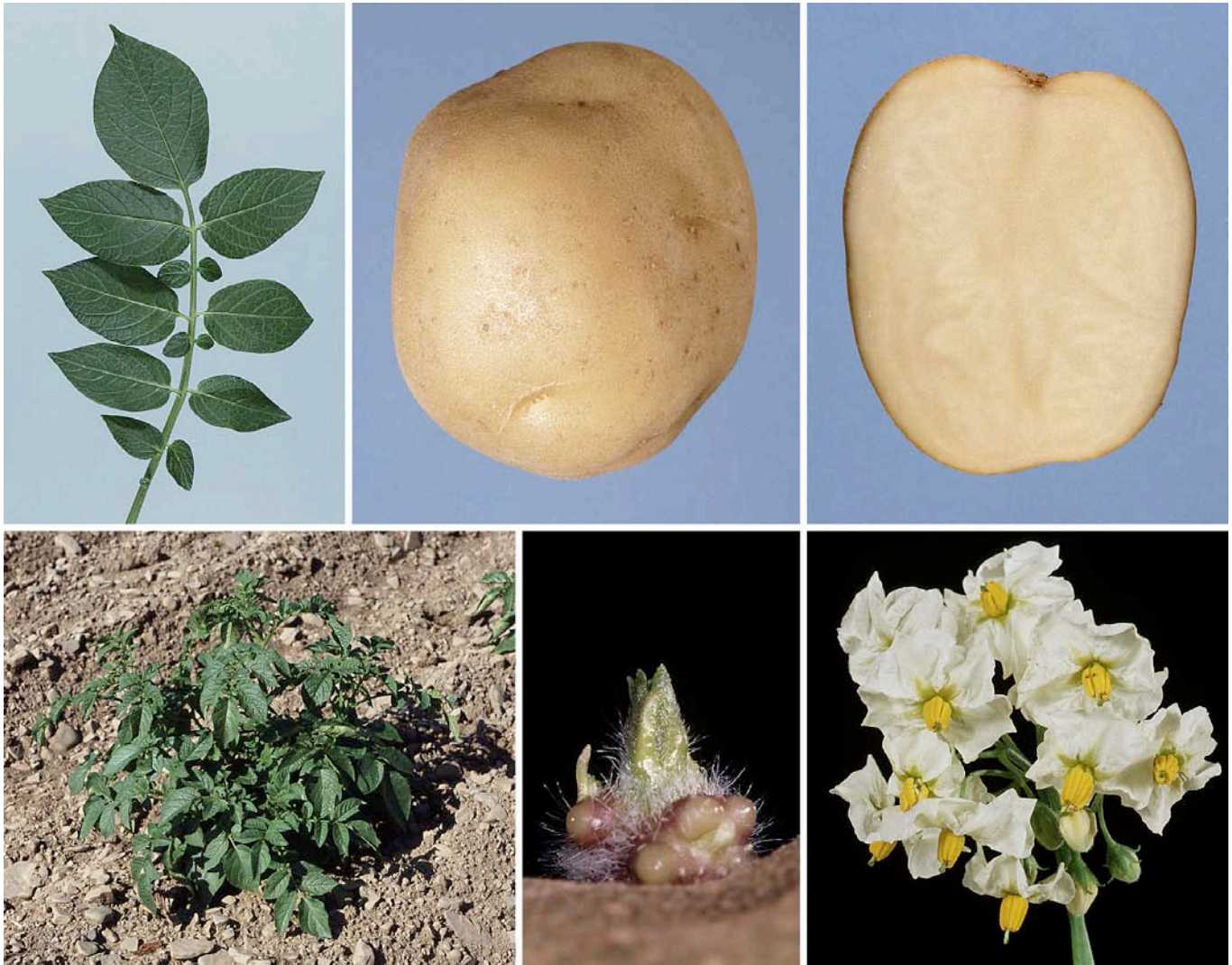
Released by the New York State College of Agriculture and Life Sciences at Cornell University to New York Foundation Seed Growers in 2002.

**Pedigree:** The cross was made in 1990. The female was Atlantic and the male was Q155-3. Marcy was first evaluated as P7-19, then as NY112.

**Market Features:** Marcy has an attractive, round to oval shape, shallow eyes, and scab resistance suitable for tablestock, but the textured skin and good chipping properties are likely to favor its use as a chipping variety. In 5 years of trials at Ithaca, the chips of Marcy, Pike, and Snowden from 45°F produced in December to February had similar Agtron values. The visual ratings of the same samples rated Marcy between Snowden and Pike. In 46 trials, the specific gravity has been .008 less than Atlantic.

**Production Features:** The vine maturity is earlier than Snowden, similar to Atlantic. Early yield is equal to Superior. At full season the marketable yield at 9" spacing in 34 trials (6 years) in NY has been 120% of Atlantic, in 16 trials (3 years) in PA 117% of Atlantic, and in 6 trials (2 years) in ME 117% of Atlantic and in 7 locations of the Snack Food Trials (3 years) was 112% of Atlantic. In 18 trials in NY (6 years) average tuber weight was 6.3 oz. Atlantic was 6.1 oz. Tuber set was 8.5 per foot of row (7.8 for Atlantic). Internal necrosis has been observed on Long Island, NJ, VA and NC, but has not been a problem in upstate NY, PA or ME. A 7 to 9 inch spacing and 150 lbs. of N is recommended.

**Reaction to Diseases:** Resistance to scab is like that of Superior. Resistant to golden nematode race Ro1.



Developed with support from New York State Agriculture and Markets, USDA/ARS, USDA/APHIS, USDA/CSREES, New York and Pennsylvania Potato Growers. Evaluation assisted by NE184.