

KANESTIO

Pedigree: The cross was made in 2011 and seed sown in 2014. The female was NY148 and the male was E48-2. Grandparents are NY128, Marcy, V18-5, and bulked pollen from clones selected for trichome-mediated resistance to insects originating from the wild species *Solanum berthaultii*. Kanestio was first evaluated as Q106-13, then as NY174. Kanestio is an older spelling of Canisteco, birthplace of retired potato breeder Robert Plaisted.

Market Features: Kanestio is a chipping variety that produces round to oblong tubers with lightly netted skin. Tubers exhibit few external or internal defects in northern states. Specific gravity has averaged about 0.001 less than Atlantic in 22 NY and PA trials. Chip color out of cold storage has been excellent, comparable to or better than Lamoka in most trials.

Production Features: Full season maturity. Marketable yield is excellent, averaging 111% of Snowden across three years of SNAC trials in eight or nine northern states. Tuber size is similar to Atlantic. Eight inch spacing and 180 pounds of nitrogen/acre are recommended. Tuber dormancy is about three weeks longer than Atlantic.

Reaction to Diseases: Moderately susceptible to common scab. Resistant to potato virus Y, late blight race US-23, and golden nematode race Ro1.



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