



Quality evaluation of TK96.1

## TK 96.1 - A NEW PROMISING POTATO VARIETY

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TK96.1 variety has been developed for chip production purpose. The genotype was selected from cross of TK194.36.14 x 382157.30 clones in 1996. This breeding objective is wilt and late blight resistance under the project sponsored by the Potato, Vegetable and Flower Research Centre (PVFC). Clone 382157.30, a late blight resistant genotype, was introduced from CIP. Clone TK194.36.1 exhibited wilt and late blight resistance was elected from H2 x (BW2 x 128.13b ), TK96.1 variety showed a superior level of late blight disease resistance, high potential yield of 25 - 30 t / ha, high quality properties and percentage of the same sized tubers, white flesh and rounded-shape tuber. TK96.1 variety was officially tested in 2007-2012, and developed in Lamdong and Red river delta. In Lamdong, TK96.1 exhibited superior growth, tolerance to late blight, high yield (25-30 t/ha). Tuber's shape is slightly flattened round with shallow eyes, and high quality with high dry matter level (20-22%), low sugar content. It does not change color after being processed. It means that TK96.1 is suitable to commercialization as chip production. In Red river delta area, TK96.1 vigorously grew and yielded 16.8 t/ha. Its dry matter was 18.6%. Its commercial tuber was more than 80%. Tuber's quality features satisfies chip production requirement. TK96.1 has been grown by Pepsi Company in a large scale area in order to provide enough raw materials for chip production.



Evaluation of *Streptomyces scabies* resistance of some lines / varieties



Morphological characteristics tubers TK96.1

