DELT A GOLD: A NEW POTATO VARIETY WITH YELLOW FLESH, HIGH SOLIDS AND HIGH QUALITY FOR BAKING AND PROCESSING

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Abstract

Delta Gold is a medium-late maturing, round, yellowish-skinned, yellow-fleshed variety which is excellent for baking and processing. Its yields have been lower than Kennebec; however, specific gravities have been higher. It is moderately resistant to scab and early blight and immune to net necrosis and virus A.

Resumen

Delta Gold es una variedad de maduración semi tardía, con tubérculos redondos, de piel amarillenta y de carne amarilla, excelentes para horneado y procesamiento.

A pesar que sus rendimientos han sido menores que los de Kennebec, su gravedad específica ha sido mayor. Es moderadamente resistente a la sarna y al tizón temprano e inmune a la necrosis en red y al virus A.

History

The new potato variety, Delta Gold, was released in March 1979 by the United States Department of Agriculture and the Maine Life Sciences and Agriculture Experiment Station (1). It was tested under the number 47156, and was derived from a cross of the yellow-fleshed seedling 45208 and Earlaine (2). The full pedigree is in Figure 1.

The breeding of Delta Gold was done by the late F.J. Stevenson at the Beltsville Agricultural Research Center, Beltsville, Maryland. Selection and field evaluations were made by R.V. Akeley (retired). Testing of the seedling variety has extended over some thirty years and most recently included testing in the Northeastern Regional Variety Trials (NE-107).

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Received for publication February 15, 1980.

KEY WORDS: New variety, Delta Gold, yellow-flesh, high dry matter.
FIG. 1. Pedigree of Delta Gold.