

Report of new cultivar 'INIVIT PB-2012', NEW PLANTAIN (*Musa* spp.) CULTIVAR FOR CUBAN AGRICULTURE

Reporte de nuevo cultivar 'INIVIT PB-2012', nuevo cultivar de plátano (*Musa* spp.) para la agricultura cubana

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ABSTRACT: The *Musa* Conventional Plant Breeding Program (bananas and plantain) in the world is based on crossings between commercial triploids and wild or improved diploids that aims to develop new cultivars. The Instituto de Investigaciones de Viandas Tropicales (INIVIT) developed a breeding program for hybridization, from which a hybrid of bluggoe subgroup has been obtained, the 'INIVIT PB-2012', with the greatest agroproductive response and good adaptability to drought.

Key words: adaptability, bananas and plantain, hybridization, yield

RESUMEN: El Programa de Fitomejoramiento Convencional de *Musa* (bananos y plátanos) en el mundo está basado en cruzamientos entre triploides comerciales y diploides silvestres o mejorados con el objetivo de desarrollar nuevos cultivares. El Instituto de Investigaciones de Viandas Tropicales (INIVIT) desarrolla un intenso programa de mejora por hibridación, a partir del cual se ha obtenido un híbrido de plátano tipo burro, el 'INIVIT PB-2012', con mayor respuesta agroproductiva y buena adaptabilidad a la sequía.

Palabras clave: adaptabilidad, bananos y plátanos, hibridación, rendimiento

INTRODUCTION

The development of a Genetic Improvement Program of *Musa* spp., rector by INIVIT, and the management and conservation of plant genetic resources have allowed the selection of progenitors for hybridization and crossing schemes have been designed that allowed obtaining the hybrid 'INIVIT PB-2012'.

DESCRIPTION OF CULTIVAR

Plant height: 2,70 m, Perimeter: 0,52 m, Days to flowering: 285 days, Color of the pseudostem: green, Number of leaves flowering: 12, Number of leaves harvest: 8, Color leaves: dark green, Cluster position: pendular, Cluster shape: cylindrical, Rhachis type: present and nude, Fruit apex: rounded, Shell color of the fruits: green, Ripe shell color: yellow, Taste: smooth and sweet, Number of hands: 7-8,

Number of fruits: 80-90 fruits, Length of the fruit: 13-15 cm, Fruit thickness: 16-20 cm, Average bunch weight: 22 kg, Tolerant to Black and Yellow Sigatoka, Nematode Resistant, Drought resistant and good acceptance by producers.



View of 'INIVIT PB-2012'

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