Evaluation of Different Banana Varieties on Fusarium Wilt TR4 Resistance by Phenotypic Symptom and Real-time Quantitative PCR

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Tissue culture plantlets as starting materials
Before inoculation

CK after 45 d

After Inoculation TR4 45 d
Breeding New Variety for TR4 Resistance

Selection best plants in TR4 heavily infected field
Breeding New Variety for TR4 Resistance

Meristem culture

In-vitro propagated seedlings
Breeding New Variety for TR4 Resistance

Banana seedlings growing in nursery

Yunjiao No. 1

New resistant line performance in the field
Science and Technology Department of Yunnan Provincial Government’ (2015HA034)
National Natural Science Foundation of China (NSFC31560505)
Thank you

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Banana plantations significantly improve local farmer’s livelihood

Miao, Hani, and Dai ethnic groups in Yunnan

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