

Selection of sweet potato varieties

PERU, ARGENTINA, DOMINICAN REPUBLIC, VENEZUELA



Webstory



Technological solution

New varieties of sweet potato with high productivity and nutritional quality for human and animal consumption.



Technological description

The varieties selected for their high yield and potential for dual-purpose consumption (human and animal food) were: Morado Maraví (Ecuador), Satsumahikari (Japan), Arapey (Uruguay), Forrajera (Peru), and five promising clones of the CIP germplasm collection: DLP 2448, ARB 389, DLP 3525, DLP 394 and DLP 2462.



Impacts and results

Sweet potato varieties selected for their high yield and quality for industrial processing.

28 transgenic sweetpotato lines were generated with the wheat glutenin gene, regenerated by somatic embryogenesis.

The technical and economic feasibility of sweet potato cultivation and its nutritional value were evaluated.

Information was generated on the use of sweet potato flour in animal feed.

Strengthening capacities for sweet potato research.



9 t/ha

Yield



+ 37 t/ha

Yield



39

Publications



8

Presentations

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