

Good quality seed: the basis for good production and better yields in the cultivation of native potatoes and Andean tubers

COLOMBIA, COLOMBIA, BOLIVIA, BOLIVIA, COLOMBIA, COLOMBIA, COLOMBIA



Webstory



Technological solution

The use of good quality seed, the adoption of IPDM strategies and the socio-organizational strengthening, improve the yield of potato crops and Andean tubers in family farming



Technological description

With the strengthening of the community fabric of the families participating in the project, is expected to improve the system of potato and Andean tubers production of small producers, encouraging the use of seeds of good genetic and phytosanitary quality.



Impacts and results

Collection of native potato and Andean tuber materials were made in Bolivia and Colombia. Currently in Bolivia there are 56 varieties of native potatoes (*Solanum tuberosum*), 7 varieties of oca (*Oxalis tuberosum*), 3 varieties of papa lisa (*Ullucus tuberosus*) and 2 varieties of mashua (*Tropaeolum tuberosum*). In Colombia, 15 varieties of native potatoes (*Solanum tuberosum*) and 18 varieties of mashua (*Tropaeolum tuberosum*) were rescued. These tubers were sown in Participatory Research Cores (PRC), where the seed is being multiplied to deliver to farmers and for the introduction to tissue culture laboratory for its phytosanitary cleaning. 1100 potato seedlings have been delivered to small producers in Bolivia.

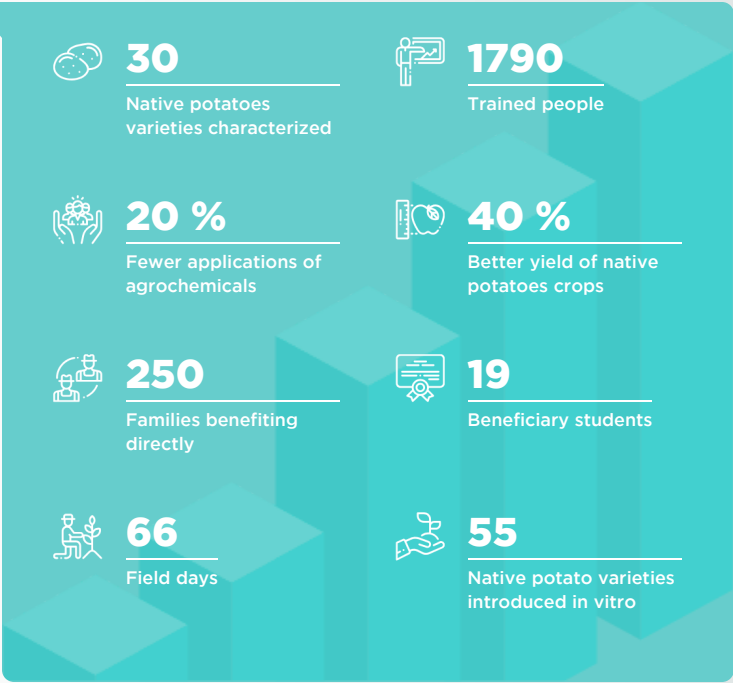
Currently, 5 PRC have been established, in which the behavior of these varieties of native potatoes, mashua, vegetables and aromatic plants is being evaluated in agroecological arrangements.

Workshops and field days have been held on issues related to good agricultural practices, monitoring and integrated pest management, morphological and molecular characterization, production of mini-tubers, production of biopreparations.

Workshops have been held on self-esteem, collegiate leadership, communication and assertiveness, life project, identity, among others, with producers.

Organizational support has been provided to associations linked to the project (assemblies, statutes, financial and accounting statements).

The Territorial Innovation System was established in potato through which different channels of marketing of native potatoes and potato have been identified with producer organizations and approaches have been carried out with some of them



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