

Digital platform for consulting cultivars, environments, and management recommendations

ARGENTINA,COSTA RICA,COLOMBIA,PERÚ,URUGUAY,PARAGUAY

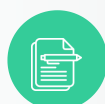


i Webstory



Technological solution

The technological solution is an interactive online platform that integrates soybean yield trial data from the participating countries. It allows users to compare cultivars, production environments, and management variables to generate specific recommendations. Its objective is to support more precise technical decisions and improve sustainable soybean productivity in Latin America.



Technological description

It is expected to establish national networks and a regional network of comparative soybean yield trials under standardized protocols, evaluating genotypes from different maturity groups in more than 180 environments throughout the project. The initiative will generate a baseline for each country, a unified protocol manual, regional databases with environmental and crop variables, and analyses of genotypic, environmental, and G×E interaction effects. It is also expected to identify cultivars with better performance and stability by environment, calibrate and validate simulation models, develop an interactive online platform, and produce reports, newsletters, outreach articles, and social media content. The estimated direct beneficiaries include approximately 5,000 producers, 15 seed companies, 500 technical advisors, and research and extension staff from the NARIs.



Impacts and results

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1
Base line



150
Production environments evaluated



+ 5000
Beneficiaries