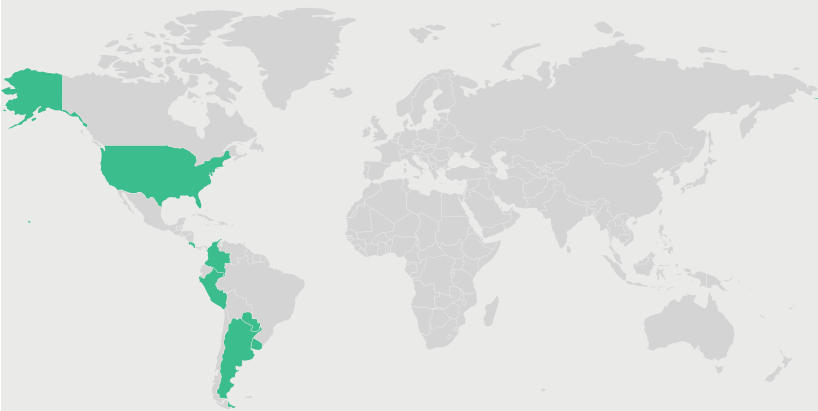


RECSO-Americas: Regional Knowledge to Improve Sustainable Soybean Productivity

A regional soybean trial network to
identify better-adapted cultivars and
support sustainable production
decisions.



Costa Rica /Argentina /Uruguay /Perú
/Paraguay /Colombia /Estados Unidos



1
Base line



150
Production environments
evaluated



+5000
Beneficiaries



Regional Network of Comparative Soybean Yield Trials for Latin America Initiative

The initiative seeks to reduce the gap between actual yields and water-limited potential yields by optimizing cultivar selection and agronomic management in Latin America. To this end, it proposes developing comparative soybean yield trial networks in the participating countries under a unified protocol, with the aim

of identifying cultivars better adapted to each specific environment. The proposal builds on Argentina’s RECSO experience, based on public-private governance, standardized methodology, shared financing, technical quality, objective results, and the active transfer of information to the production sector.

Digital platform for consulting cultivars, environments, and management recommendations

Tech solution

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.

MORE INFO



Impacts and Results

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Organizations

