

More productive and sustainable rice for Latin America

CHILE, ARGENTINA, PANAMA, COLOMBIA, VENEZUELA



Webstory



Technological solution

The Intensive Rice Cultivation System (SICA) favors the development of the plant improving efficiency in the use of nutrients, light and water. It is based on the incorporation of biomass to the soil, transplanting young seedlings, in low density, placing one seedling per site, using irrigation (not flooding) and mechanical control of weeds.



Technological description

The project seeks to train technicians and producers linked to the rice sector in LAC on the System of Rice Intensification (SRI), to increase productivity and sustainability while reducing costs and inputs.



Impacts and results

The results are: Increase the yield of rice cultivation of the intervened plots by at least 1 ton/ha, reduce the use of agrochemicals used in rice cultivation by 10%, reduce by 30% the use of rice seed in the intervened areas and reduce the production costs of rice cultivation by 20%



41

SRI validation sites established in Chile, Panama and Argentina



50 %

Reduction in water use



2000

Farmers and advisors trained



6

Participatory innovation groups (PIG) created in Chile



+ - 1 ton/h

Maintain rice yield from intervened plots



35 %

Reduction in agrochemical use in rice cultivation



50 %

Reduction in use of rice seed in the intervened areas



26 %

Reduction in production costs of rice cultivation

MAIN DONORS



PARTICIPATING ORGANIZATIONS

