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conditions. Saavedra 27 showed higher yield potential, good adaptation, tolerance to main diseases and insect pests.

IAcuba 30 is one rice variety released in Cuba with high yield, good grain quality industrial and cooking, this variety has been very productive and social impact in Cuba because it has special significance for the population segment propend to suffering from anemia. Through the grain improvement promote good nutrition.

Therefore, variety released can contribute not only to improve food security but also to improve nutrition and health in Bolivia and Cuba leading the way to a more eco-efficient rice production.

P07-070**Improving Irrigated Rice Populations for High Iron and Zinc in Latin America**

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Was begun in 2007 at CIAT Palmira Experiment Station-Colombia a program to improve rice population for obtaining improved lines with high iron and zinc in white grain that could be evaluated for their potential as new biofortified varieties for farmers Latin America.

In four populations, PCTBF-1, PCTBF-3, PCTBF-6 and PCTBF-8 developed for tropical irrigated conditions in Latin America and with different background, (mega varieties and lines of high iron and zinc from IRRI).

The iron and zinc content was determined by atomic absorption and plants with more than 5 ppm iron and 17 ppm of zinc were selected for recombination.

Preliminary results at the end of the second recurrent selection cycle indicated significant differences in selection response, both within and between populations. Although selection increased the proportion of plants with desirable traits, Statistical analysis is under way to estimate genetic gain among selection cycles

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