



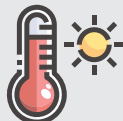
# MANAGEMENT MILESTONES 2024

# Optimized and Integrated Breeding

Delivery of germplasm nurseries to Argentina for **novel traits** evaluation:



Tolerance to saline soils



Tolerance to high temperatures

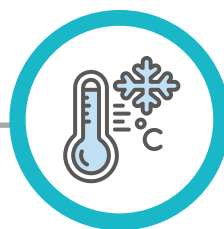


Special grains

Evaluation and selection of materials with **tolerance to:**



Anaerobiosis



Cold

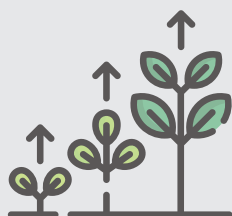


Diseases

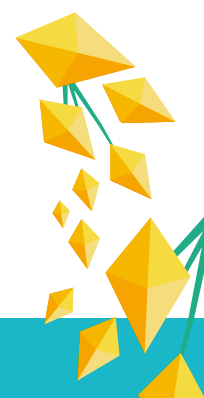
Seed **multiplication** of variety **INIA Jaspe FL** in Chile



**Delivery of 96 F6 lines** to Argentina and Uruguay for early sowing



Implementation of the Rapid Generation Advance methodology in Colombia, in collaboration with the Alliance of Bioversity International and CIAT



## 6 new FLAR varieties for the region



Escárcega  
FL24



HP 104  
FL Nopal



Alfredo INTA FL

Vicente INTA FL



Resilia FL

Suprema FL

Delivery of  
**VIOFLAR**  
2024 to  
members in  
7 countries:



Identification of **FLAR** materials  
with tolerance to:



High temperatures



Burkholderia

Rice Hoja Blanca Virus  
(RHBV) and Sogata:



**432** evaluations for RHBV  
and **246** for sogata



**13.115** field evaluations  
for RHBV



**14**  
**Exports**

of seed and grain



**7**  
**Imports**

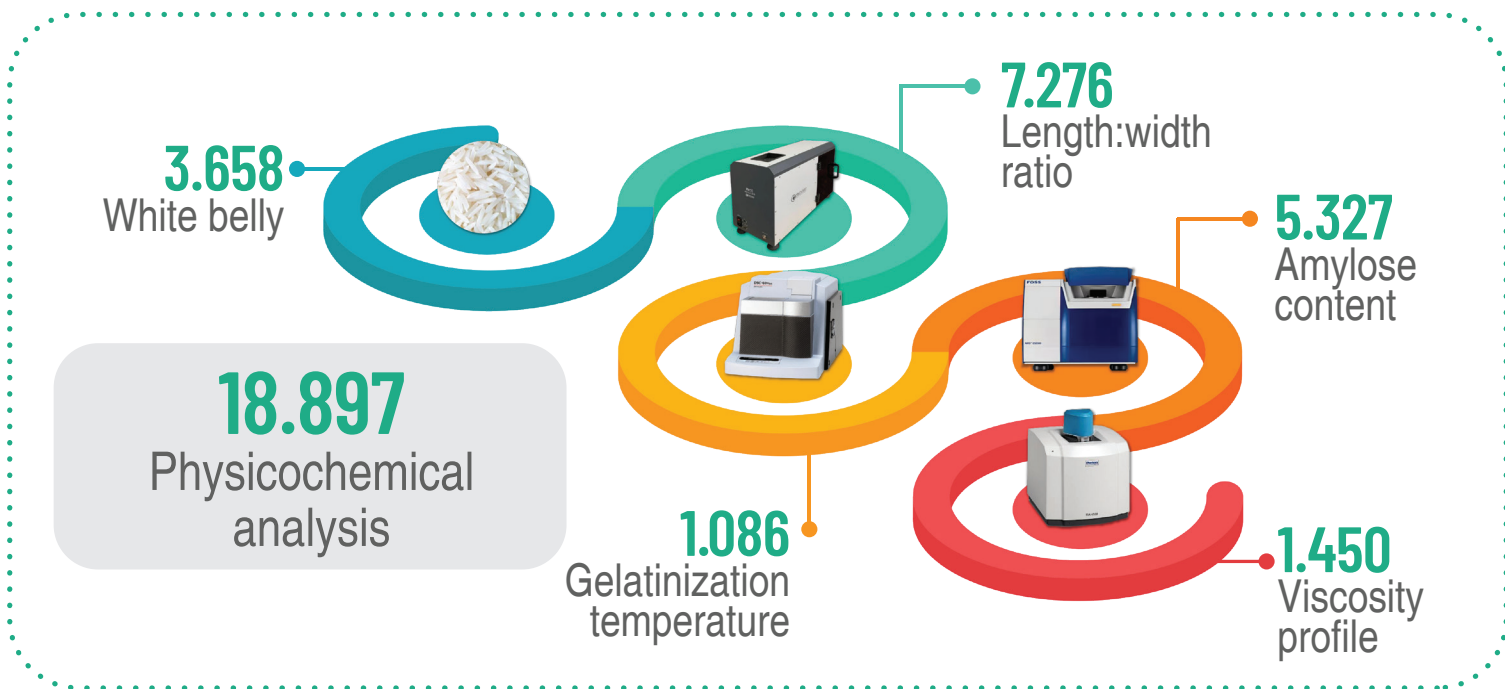
of seed



**1**  
Delivery

**2**  
Deliveries





**12 post-harvest trials**  
(2.138 samples)

**3.330** timely-harvest milling analyses

**1.387** delayed harvest milling analyses

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**Total: 4.717 analyses**

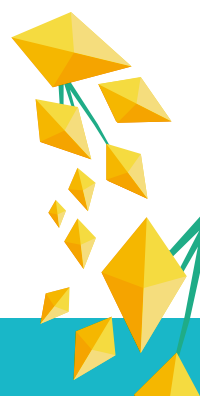
**21** cooking tests and **13** sensory evaluations

**3 new acquisitions in the Rice Quality Laboratory**

**McGill #2:** Milling quality evaluation

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**E-max y JP-500:** Evaluation of total heavy metals (in collaboration with the Genetic Transformation Platform of the Alliance of Bioversity International and CIAT)



# Process agronomy for sustainable rice production with high productivity and profitability



## Activities implemented in 8 countries:

### 90 technical activities

- ◆ Field days
- ◆ Planning meetings
- ◆ Training courses
- ◆ Visits
- ◆ Tours
- ◆ Follow-up activities

### 3.294 participants



348  
women



2.946  
men

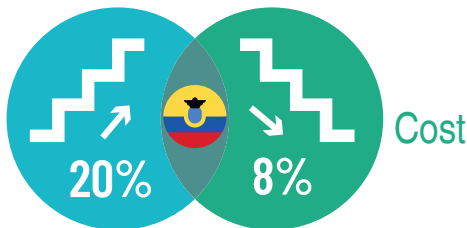


Irrigated and upland rice plots + training for technicians + identification of sustainability indicators with CONARROZ



Rice plots + training for producers who are costumers of the National Bank of Panama

Yield

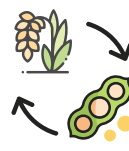


Rice plots under **transplanting, pre-germination and minimum tillage** systems with **INTEROC**

## Crop rotation projects:

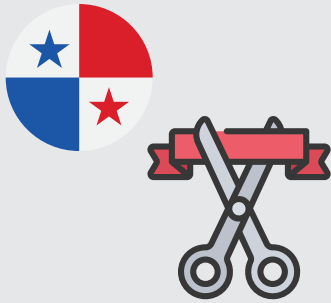


Rice/soybean/corn/bean rotation with FUNDARROZ in Acarigua and Calabozo, Venezuela



Rice/soybean rotation with FEDEARROZ in Colombia

# Institutional Strengthening



Inauguration of the FLAR Regional Office for Central America and the Caribbean and the Alliance of Bioversity International and CIAT Office in Panama.

## Agreements



National Bank of Panama-CIAT



Renewal of the agreement between CONARROZ and SENUMISA-CIAT



Renewal of the Bolivia-CIAT agreement (2024-2029)



## New standard procedure



Implementation of the new **FLAR 2024-2028 Strategic Plan**



New procedure **“Post-harvest management of rice grains** from FLAR lines for milling evaluation”



# Training and Knowledge Management Activities

## Rice and Blast Conferences in Panama

- ◆ **534** participants from **24** countries
- ◆ **51** speakers
- ◆ **51** digital posters (**9 from FLAR**)
- ◆ **14** stands
- ◆ **16** sponsors



**2 seminars** held in hybrid format



**2 in-person workshops** on Yield Gaps and Methane in Rice in Panama



**588 visitors hosted in 2024** (school and university students, groups of producers, chefs, journalists, FLAR members, Alliance Bioversity-CIAT and CGIAR researchers, among others)



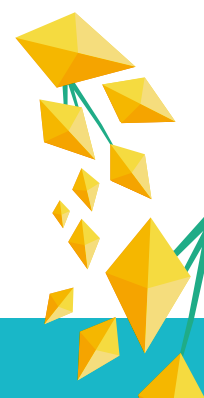
**6 undergraduate interns**   



Theoretical and practical training in rice quality evaluation techniques and methodologies:  
**8 participants from 4 countries and 5 institutions**



**Post-harvest training** for members of FEDEARROZ and the Alliance of Bioversity International and CIAT



# Communications



40 videos posted on our YouTube channel



Growth of our digital community in 2024

6.900  
followers

3.512  
followers

1.921  
followers

3.059  
followers

+745

+701

+657

+125

