



Crop	Test details	Results
Peanut	Betroka District, Anosy Region <i>January - April 2026</i> On farm trial, in collaboration with FAO	• Yield increase: 37.5%–194% • Producer margin: +27% - +132%
Rainfed rice (paddy)	Vavatenina District, Analanjirofo Region <i>August - December 2025</i> On farm trial, in collaboration with local producer	<i>Test performed under severe water stress</i> • Tillering rate: +80% • Enhanced photosynthesis • Yield increase: +100% - or 2.2 T/ha compared to 1.1 T/ha for untreated plants
Broiler chicken	Antananarivo, Analamanga region <i>February 2026</i> On farm trial, in collaboration with local producer	• + 37% increase in average live weight for chickens supplemented with seaweed powder compared to the control group (based on a 28-day cycle) • Shift from negative returns to strong profitability
Litchi	Vavatenina District, Analanjirofo Region <i>June - November 2025</i> On farm trial, in collaboration with local producer	• Fruit set rate: + 50% • Producer margin: +47% • Sugar levels (° BRIX): +11.5% • Average fruit diameter: +6-7%, enabling compliance with export-grade size requirements
Pepper	Mahanoro District, Atsinanana Region <i>June - September 2025</i> On farm trial, in collaboration with local producer	• Yield per plant: + 36% • Producer margin: +33% • Flowering stimulation • Berry size and pepper density post-drying: ++
Bean	Antananarivo, Analamanga region <i>August - December 2025</i> <i>In collaboration with FOFIFA</i>	• Yield: + 58% • Enhanced nodulation
Pepper	Toliara II District, Atsimo-Andrefana Region <i>March - August 2026</i> In collaboration with a private enterprise	<i>Tests performed under elevated temperature and water stress</i> • Seedling growth pace: X2 • Decrease in insect infestations (in both nursery and field settings)

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Artemisia	Toliara II District, Atsimo-Andrefana Region <i>August 2025 - January 2026</i> In collaboration with a private enterprise	• Height: + 90-169% compared to the controls, along with enhanced branching • Producer margin: +37% • Artemisinin concentrations: + 5.06% - 13.92% • Reduced insect infestations
Pink Peppercorn	Moramanga District, Alaotra Mangoro Region <i>October - December 2025</i> In collaboration with a private enterprise	• Seedling survival rates: 83% - 100% compared to 33% - 63% for the control
Zucchini	Antananarivo, Analamanga region <i>November 2025 - January 2026</i> In collaboration with the IRD	• Yield: + 90% compared to manure alone • Enhanced vegetative development (leaf, stem) • Enhanced flowering
Oats	Antananarivo, Analamanga region <i>August - December 2025</i> In collaboration with the IRD	• Phosphorus concentration in biomass : +14% (relative to manure alone), indicating enhanced phosphorus absorption from the soil and an improved nutritional profile of oats as forage
Clove	Mahanoro District, Atsinanana Region <i>June - September 2025</i> Assessment conducted in a rural environment, overseen by a technician	• Improved synchronization of flower bud maturation (harvest less dispersed over time) • Earlier harvest
Pearl Millet	Amboasary District, Anosy Region <i>January - May 2026</i> On farm trial, in collaboration with FAO	<i>Tests performed under elevated temperature and water stress</i> • Yield: + 53- 140% • Producer margin: +42% - 104%

Additional agronomic trials are currently underway on various crops; results will be available over the next six months.

- Cereals and tubers: Maize, Rice, Barley, Cassava
- Fruit and tree crops: Mango tree, Cashew tree, Orange tree, Hibiscus
- Cash and export crops: Coffee, Cocoa, Tea, Vanilla
- Vegetables : Onion, Tomatoes
- Medicinal and aromatic plants: Spilanthes