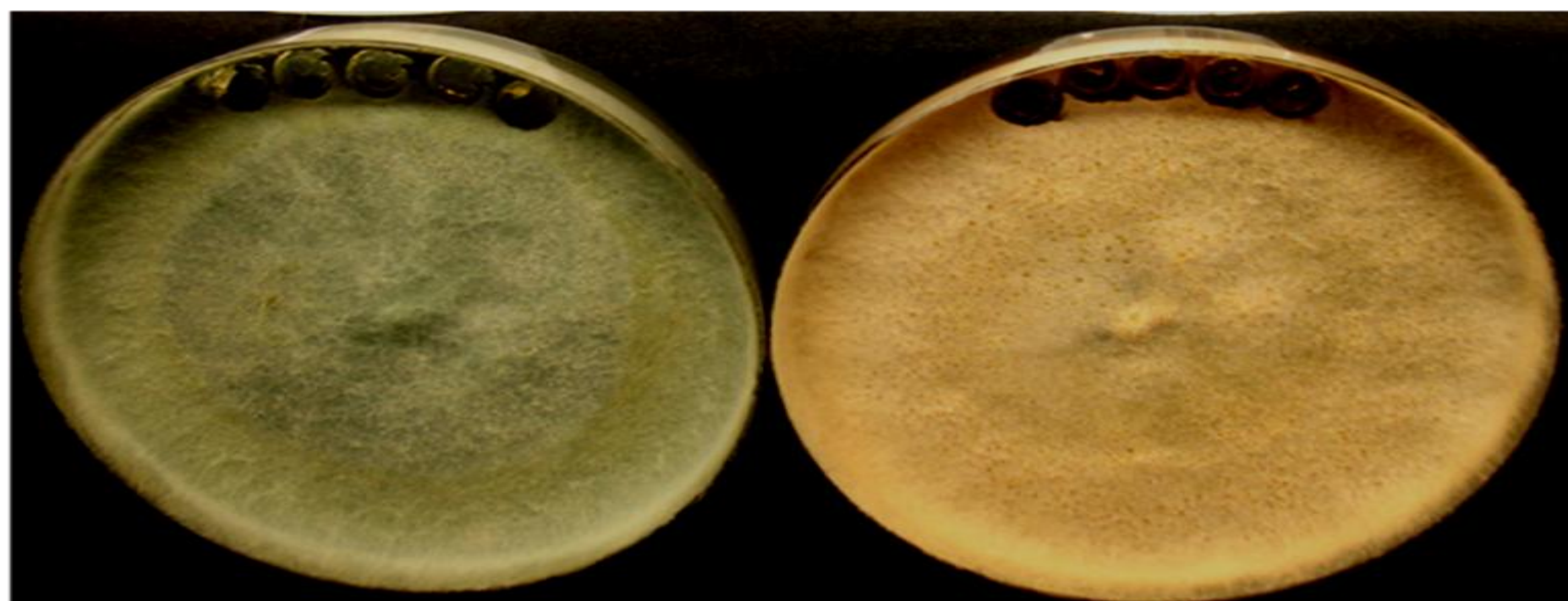


Seed-dressing Biofungicide Formulation of an Improved *Trichoderma virens* Mutant Strain

A *Trichoderma virens* wild type strain was exposed to gamma radiation (1250 Gy) and a mutant strain, morphologically different from the wild type, was isolated. This mutant strain produced more anti-microbial compounds compared to wild type and showed improved plant disease biocontrol potential. A novel mass-multiplication and formulation strategy for *Trichoderma* using tamarind seeds as substrate has been developed. Treating chickpea seeds with the formulation (**TrichoBARC**), developed using a combination of these two technologies, improved seed yield by more than 50% in field trial at IGKV, Raipur in collar-rot infested soil.



WILD TYPE

MUTANT



WILD TYPE

MUTANT



Seed treatment with TrichoBARC



CONTROL



Technology transferred to
Pravara Agrobiotech, Ahmednagar; Agriland Biotech, Vadodara; Pona Lab Biogrowth, Bengaluru; Ajay Biotech, Pune; Borlong Biotech, Lucknow.

