

## ***Rapid Diagnostic Kit for Identification of Rice Tungro Disease***

- ✓ A simple, reliable, quick and low-cost diagnostic kit for rice tungro virus identification.
- ✓ Based on nucleic acid identification of virus ensuring confidence in identifying the correct pathogen.
- ✓ A small piece of the card for spotting the suspected plant sample is combined with a reagent mix and processed in a standard PCR machine, provides clear diagnostic results.
- ✓ Disease positive samples can be confirmed by simple gel electrophoresis using standard gel documentation systems.



**RTV diagnostic kit and its components**

**Technology has been certified by ICAR on 16<sup>th</sup> July 2025**

### **Salient Features & Advantages**

- ✓ Simple and rapid - 2.5 hours from sample to result
- ✓ Reproducible results with low cost and user friendly
- ✓ High accuracy in disease detection
- ✓ Farmers can send card (that can be stored in room temperature for 6 months) through post to lab for PCR based detection