GENEVIDE

EmDEA Precise On-Site Rapid Nucleic Acid Testing

Strengthening agricultural quarantine capabilities

EmDEA field-testing products



Portable rapid nucleic acid testing instrument



High-Sensitivity Field Nucleic Acid Test Kit



Product advantages

- **Accurate**
- **Fast**
- **Zero contamination**
- **Simple**
- **Portable**
- **Broad compatibility**

Selected agricultural test kits

- Tomato brown rugose fruit virus
- Tomato bacterial canker pathogen
- Tomato spotted wilt virus
- Tomato chlorosis virus
- Tomato yellow leaf curl virus
- Tomato leaf curl New Delhi virus
- Potato spindle tuber virus
- Bacterial fruit blotch pathogen
- Cucumber green mottle mosaic virus
- Citrus greening (HLB) bacterium
- Fire blight pathogen
- Phytophthora sojae
- Oilseed rape blackleg pathogen
- Rice bacterial leaf streak pathogen
- Wheat streak mosaic virus
- Maize chlorotic mottle virus
- Oriental fruit fly
- Codling moth
- Potato rot nematode
- Banana burrowing nematode
- Golden potato cyst nematode
- Palmer amaranth
- Broomrapes (Orobanche spp.)
- ...

Agricultural quarantine applications

Field patrol and monitoring in crop production and propagation



On-site diagnosis of plants showing suspected symptoms



Spot checks and retesting of seed and seedling shipments



Agricultural quarantine applications in practice

For major agricultural quarantine pests and diseases, GeneVide's EmDEA precise on-site rapid nucleic acid testing products have been used by quarantine management agencies and seed production and seedling propagation enterprises in **16 provinces across China**. The products have received **application-benefit statements from 9 provincial, municipal and county jurisdictions**, with **more than 50,000 samples tested each year**.

Tomato brown rugose fruit virus



Cucumber green mottle mosaic virus



Rice bacterial leaf streak pathogen



Phytophthora sojae



Citrus greening (HLB) bacterium



Fire blight pathogen



Application-benefit statements from 9 provincial, municipal and county jurisdictions



Original Chinese supporting documents

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