

# Ultra-Fast Plant Disease Detection Report

## with Explainable AI Analysis

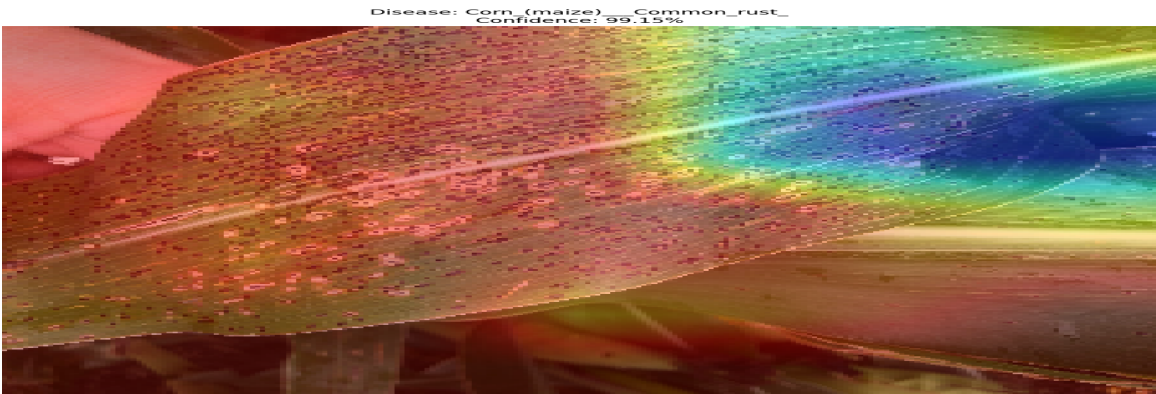
Generated on: 2025-07-11 22:54:25  
Image: 20250711\_225424\_KT-2020052805\_input.jpg

### ■ Diagnosis Results

|                   |                            |
|-------------------|----------------------------|
| Detected Disease: | Corn (maize) - Common rust |
| Confidence Score: | 99.15%                     |
| Severity Level:   | Unknown                    |

### ■ AI Explanation - Grad-CAM Visualization

The visualization shows which parts of the leaf the AI focused on. Red/yellow areas indicate regions that most influenced the diagnosis.



### ■ Disease Description

Unknown plant disease detected.

### ■ Causes

- Unknown pathogen

### ■ Symptoms

- Various symptoms

## ■ Treatment & Remedies

- Consult experts
- Isolate plants
- Apply broad-spectrum treatment
- Improve conditions

## ■ Prevention & Maintenance

- Regular monitoring
- Good sanitation
- Proper nutrition
- Adequate watering

■■ **IMPORTANT DISCLAIMER:** This report is generated by an automated AI system. The Grad-CAM visualization shows AI attention areas but doesn't guarantee accuracy. Please consult with professional plant pathologists for confirmation and detailed treatment plans.