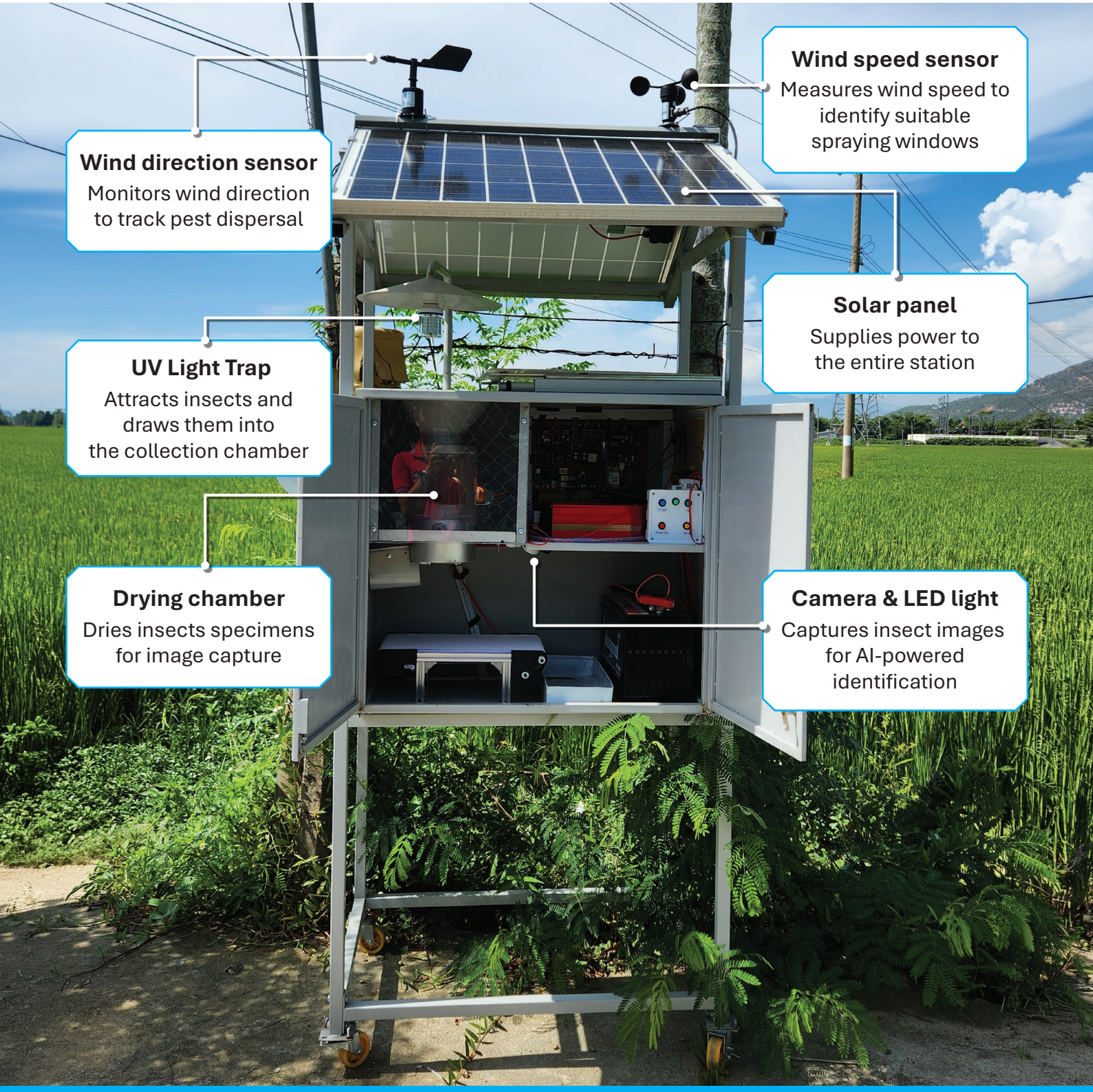
# Pest detection

Detect & identify pest species

Monitor pest density and population trends

Recommend appropriate control measures




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# How it works

## 1 Pest attraction & collection

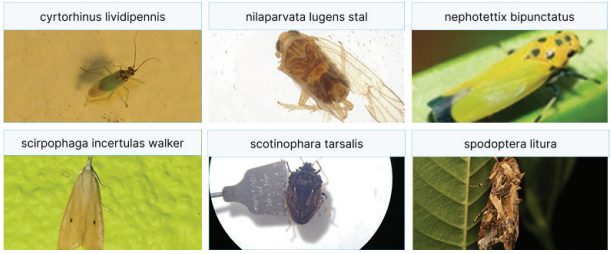



Attract pests using light

Draw pests into the drying chamber to reduce their activity

## 2 Image capture & analysis

**AI-powered analysis**




## 3 Detection & insights

**Pest outbreak trend (7 days)**




| Pest species | Count | Severity level |
|---|---|---|
| Cyrtorhinus lividipennis | 86 | High |
| Nilaparvata lugens Stål | 45 | Moderate |
| Nephotettix bipunctatus | 64 | Moderate |
| Scirpophaga incertulas Walker | 23 | Low |
| Scotinophara tarsalis | 78 | Moderate |
| Spodoptera litura | 31 | Low |

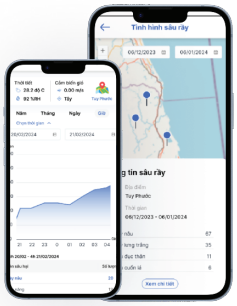
## 4 Treatment recommendations

Suggest treatment methods based on Plant Protection Department guidelines

Send recommendations & reports via app

Display regional pest density distribution map

Send send early warnings of pest outbreaks



# Our projects in practice









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