Pest detection

Detect & identify pest species

Monitor pest density and population trends

Recommend appropriate control measures

How it works

1 Pest attraction & collection

- Attract pests using light
- Draw them into the drying chamber

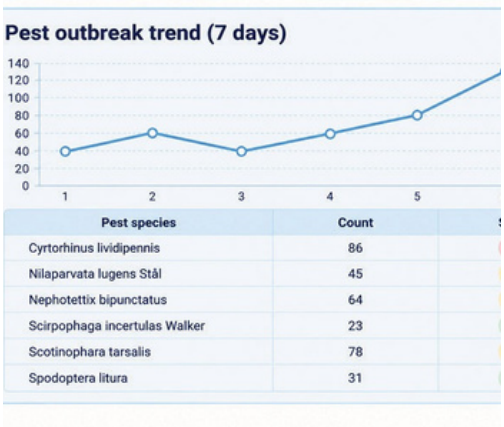
2 Image capture & analysis

Capture insect images and use AI to identify species.

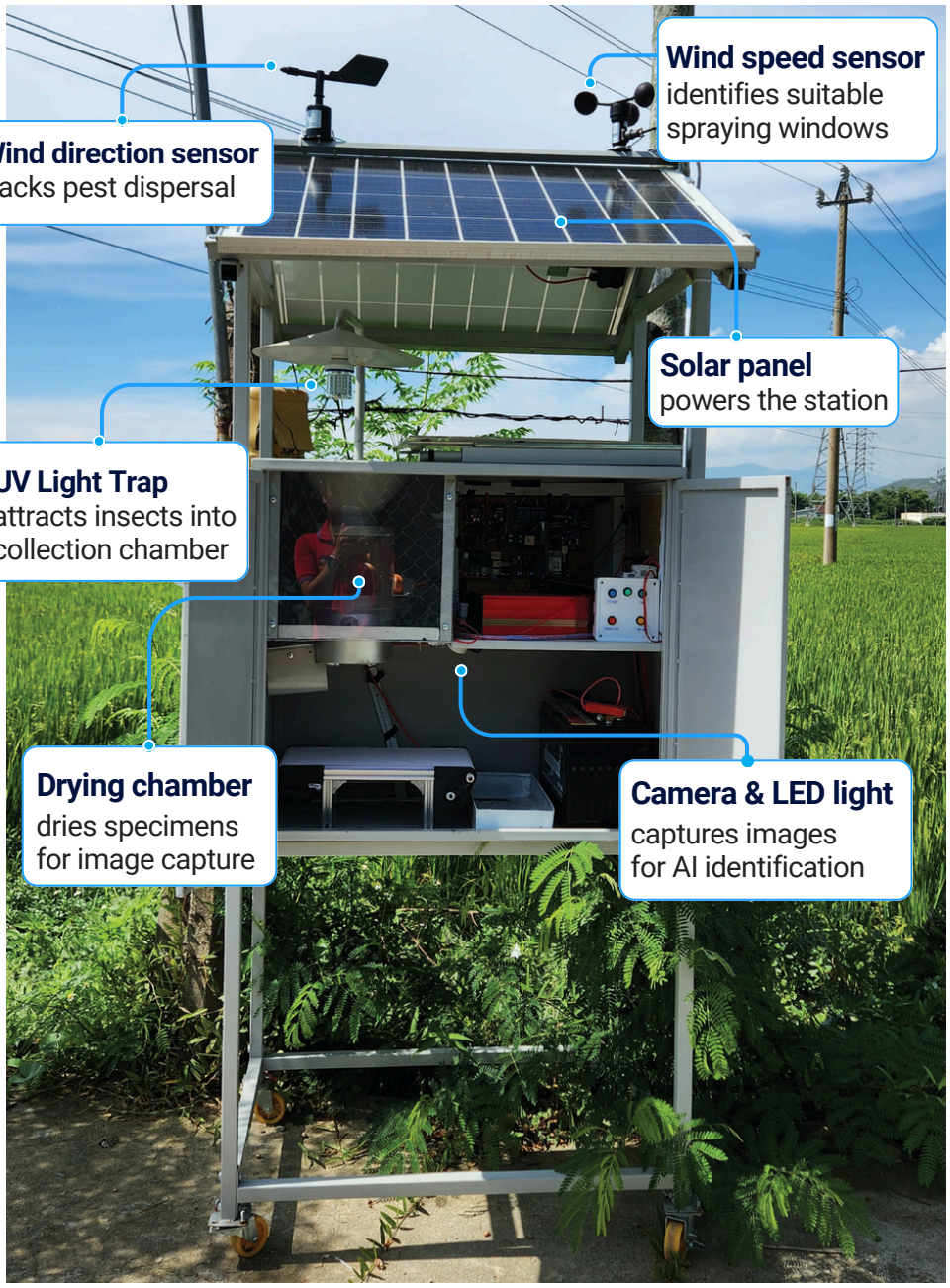


3 Detection & insights

Monitor pest density and population trends



Pest species	Count
Cyrtorhinus lividipennis	86
Nilaparvata lugens Stål	45
Nephotettix bipunctatus	64
Scirpophaga incertulas Walker	23
Scotinophara tarsalis	78
Spodoptera litura	31



4 Detection & insights

- Suggest methods based on Plant Protection Department guidelines
- Send app recommendations or reports
- Show regional pest density map
- Send early warnings

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