

Pest Advisory Report

PAK PATTAN

Timeframe: 3 WEEK MAY 2022

Survey Summary

Overall Severity:	MEDIUM (10.33/30)
Risk Level:	HIGH
Action Urgency:	WITHIN 48H
Economic Impact:	Estimated yield loss: 20-30%
Total Spots Surveyed:	21
Total Area Covered (acres):	117.0
Pest Pressure per Acre:	0.29
Threat Pests:	Army Worm, Dusky Cotton Bug

Key Insights & Threats

Critical Threat Pests

- Army Worm | 4.77x ETL | HIGH | Count: 14.3 (ETL 3)
- Dusky Cotton Bug | 2.4x ETL | HIGH | Count: 4.8 (ETL 2)

Key Insights

1. Pest population trends indicate a significant increase in Army Worm and Dusky Cotton Bug, warranting immediate attention.
2. Disease pressure remains low, with no reported infections.
3. The economic impact of these pests could result in substantial yield losses.

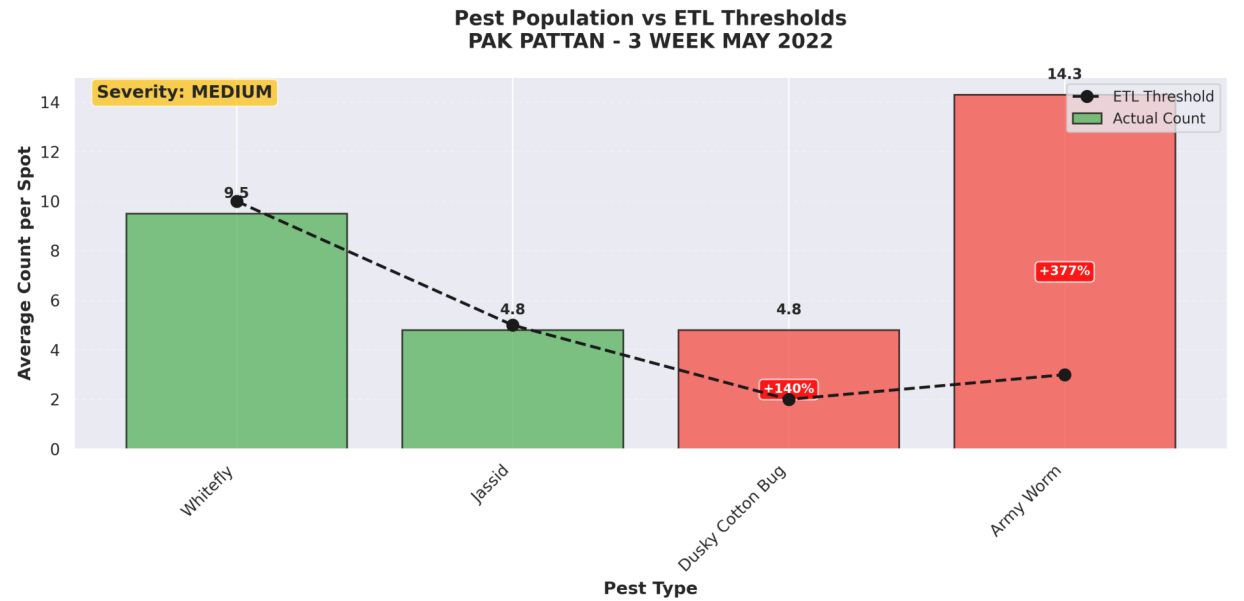
Expert Advisory for Farmers

Follow these practical steps to safeguard the crop based on current field conditions:

Actionable Guidance (English)

- Take immediate action to control Army Worm and Dusky Cotton Bug populations, as they are significantly above ETL thresholds. Monitor fields closely for signs of infestation.
- Apply insecticides according to IPM guidelines to target these pests. Consider using biological controls or introducing natural predators.
- Coordinate with local agricultural experts to develop a comprehensive management plan and monitor the situation closely.

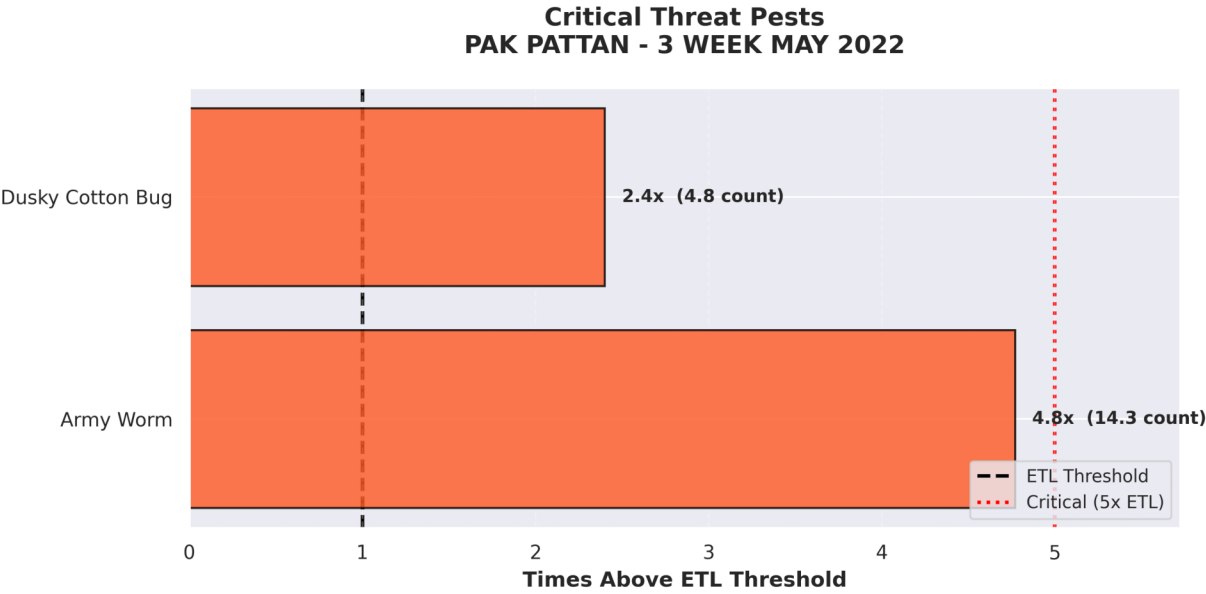
Pest Comparison vs ETL Thresholds



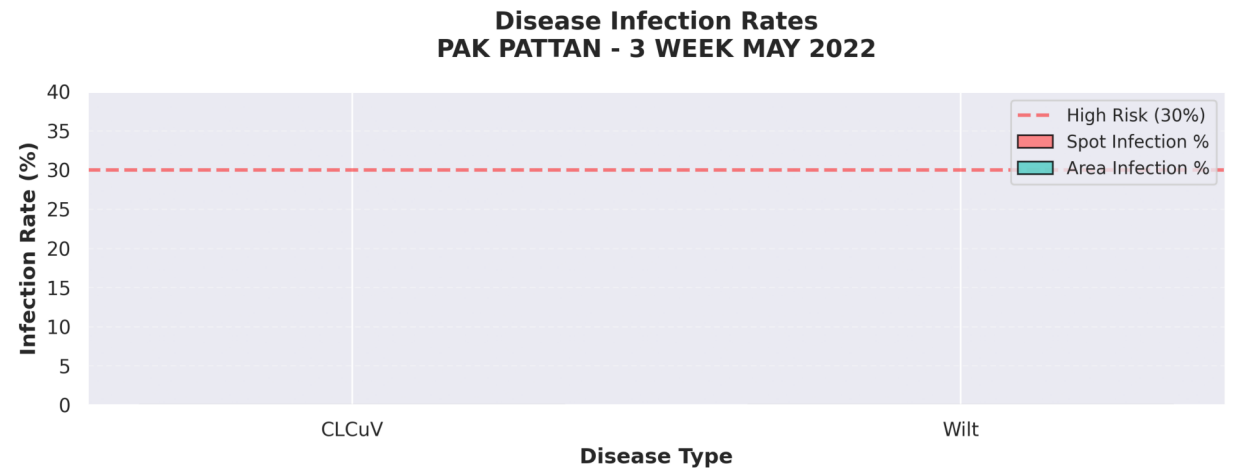
Severity Gauge



Critical Threat Pests



Disease Infection Rates



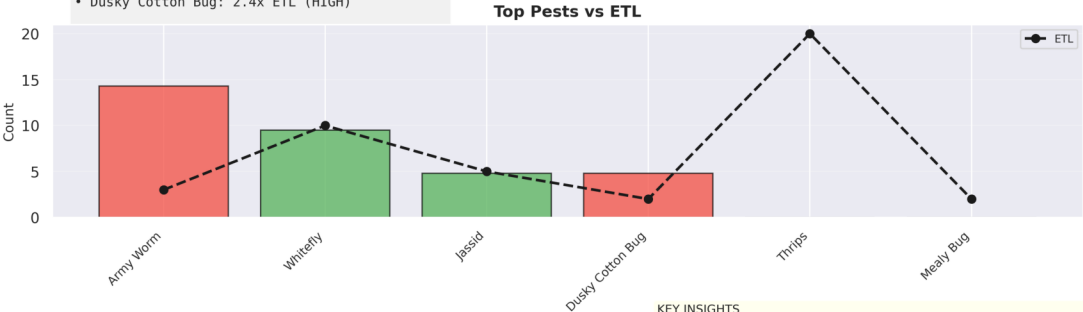
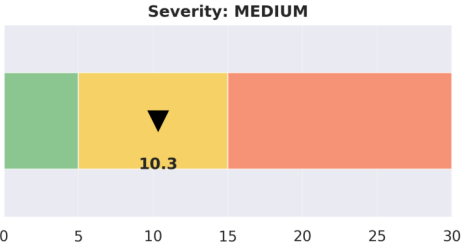
Pest Advisory Dashboard Overview

Pest Advisory Dashboard: PAK PATTAN 3 WEEK MAY 2022

SURVEY COVERAGE
- Spots Surveyed: 21
- Total Area: 117.0 acres
- Pest Pressure: 0.29/acre

RISK ASSESSMENT
- Severity Level: MEDIUM
- Severity Score: 10.3/30
- Risk Level: HIGH
- Action Urgency: WITHIN 48H
- Economic Impact: Estimated yield loss: 20-30%

CRITICAL THREATS
• Army Worm: 4.8x ETL (HIGH)
• Dusky Cotton Bug: 2.4x ETL (HIGH)



✓ **No Disease Detected**

- KEY INSIGHTS**
- 1. Pest population trends indicate a significant increase in Army Worm and Dusky Cotton Bug, warranting immediate attention.
 - 2. Disease pressure remains low, with no reported infections.
 - 3. The economic impact of these pests could result in substantial yield losses.