

# Pest Advisory Report OKARA

Timeframe: 1 WEEK MAY 2022

## Survey Summary

|                             |                              |
|-----------------------------|------------------------------|
| Overall Severity:           | MEDIUM (8.53/30)             |
| Risk Level:                 | CRITICAL                     |
| Action Urgency:             | IMMEDIATE                    |
| Economic Impact:            | Estimated yield loss: 50-60% |
| Total Spots Surveyed:       | 19                           |
| Total Area Covered (acres): | 35.0                         |
| Pest Pressure per Acre:     | 0.45                         |
| Threat Pests:               | Army Worm                    |

# Key Insights & Threats

## Critical Threat Pests

- Army Worm | 5.27x ETL | CRITICAL | Count: 15.8 (ETL 3)

## Key Insights

1. The Army Worm population is alarmingly high, exceeding the ETL by 427%. This poses a significant threat to cotton yields.
2. Disease pressure remains low, with no reported infections of CLCuV or Wilt.
3. The overall severity score indicates a medium risk, but the critical threat from Army Worm justifies an immediate response.

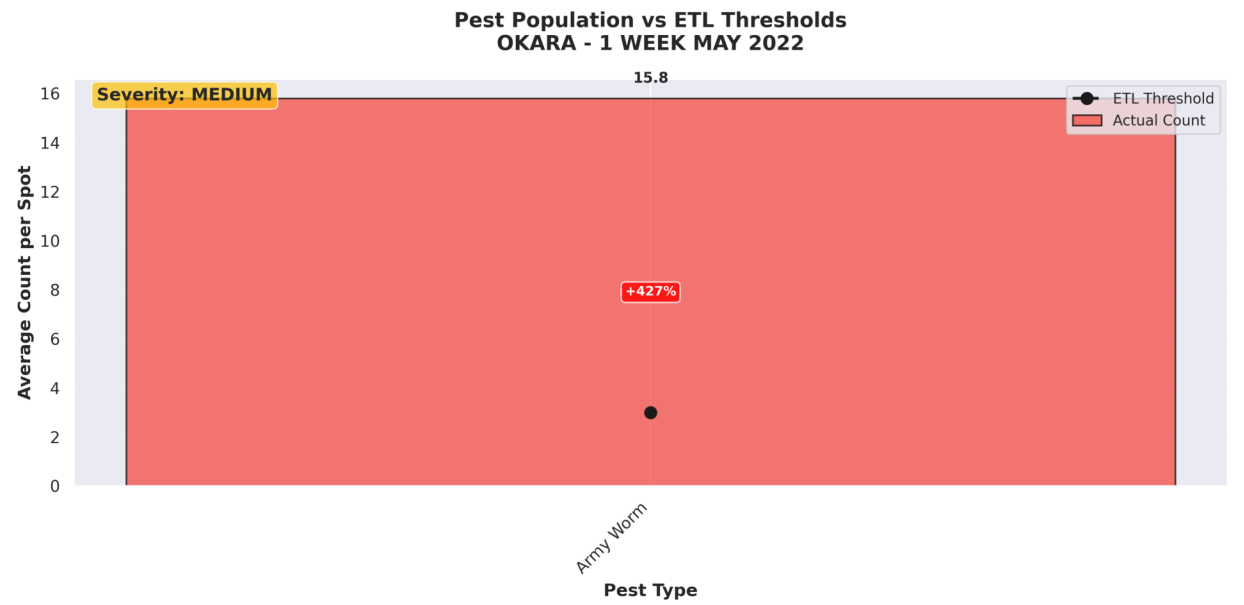
# Expert Advisory for Farmers

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

## Actionable Guidance (English)

- Take IMMEDIATE action to control Army Worm infestations. Apply insecticides as per label instructions and monitor fields closely.
- Consider using Integrated Pest Management (IPM) strategies to manage Army Worm populations, such as crop rotation, biological controls, or targeted chemical applications.
- Coordinate with local agricultural experts and extension services to develop a comprehensive plan for managing the Army Worm threat. Monitor field conditions and adjust strategies accordingly.

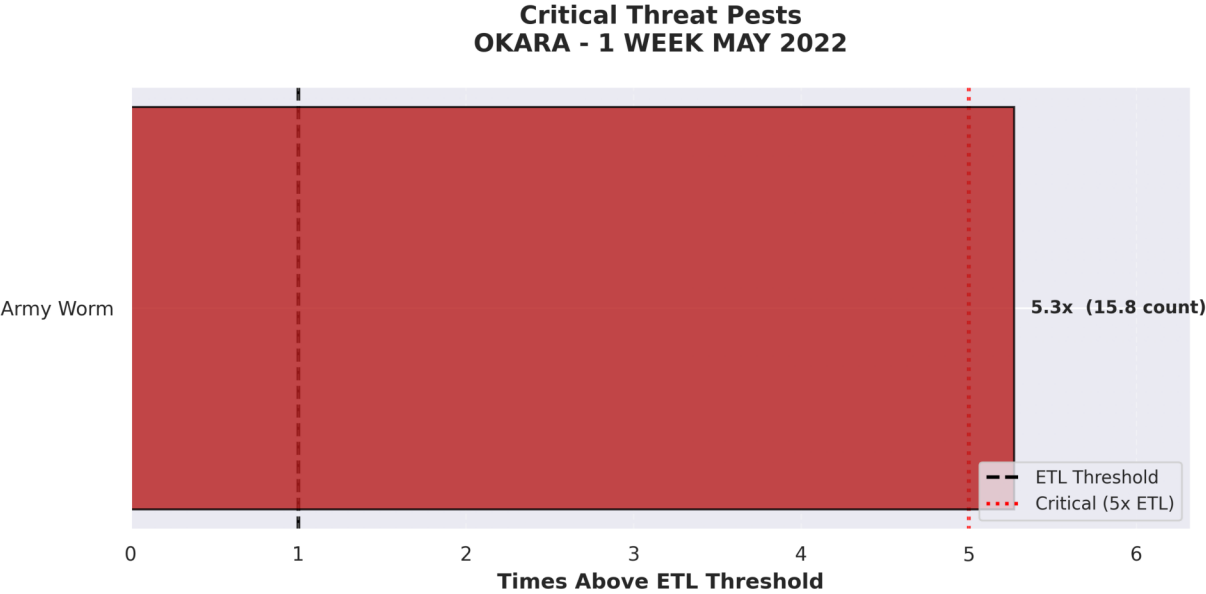
# Pest Comparison vs ETL Thresholds



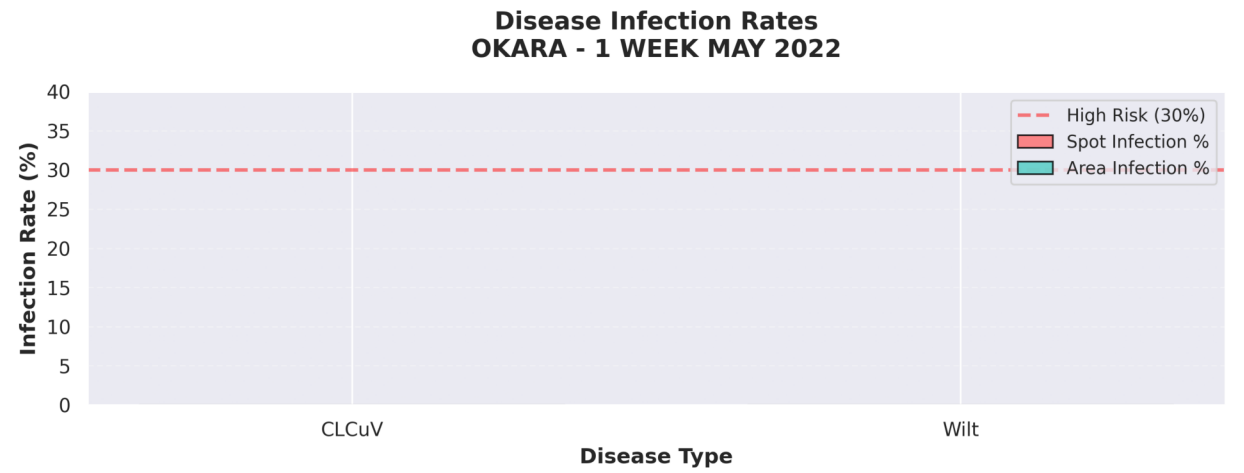
# Severity Gauge



# Critical Threat Pests



# Disease Infection Rates



# Pest Advisory Dashboard Overview

## Pest Advisory Dashboard: OKARA 1 WEEK MAY 2022

SURVEY COVERAGE

- Spots Surveyed: 19

- Total Area: 35.0 acres

- Pest Pressure: 0.45/acre

RISK ASSESSMENT

- Severity Level: MEDIUM

- Severity Score: 8.5/30

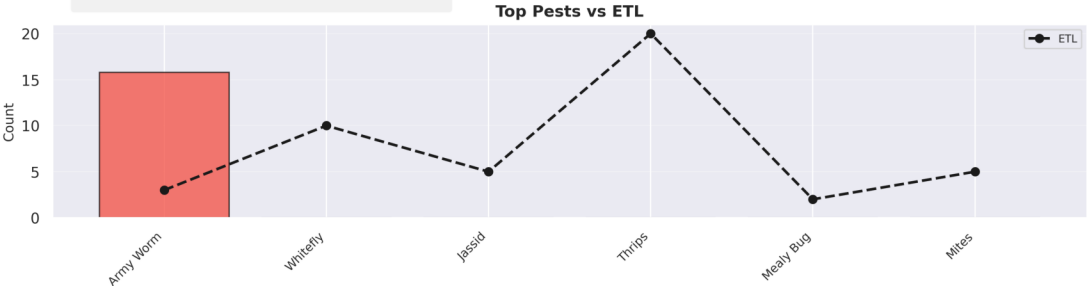
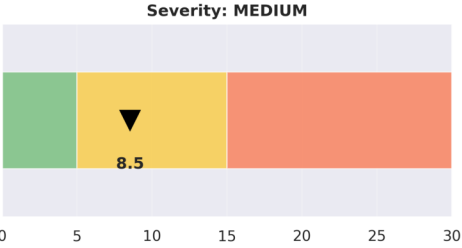
- Risk Level: CRITICAL

- Action Urgency: IMMEDIATE

- Economic Impact: Estimated yield loss: 50-60%

CRITICAL THREATS

• Army Worm: 5.3x ETL (CRITICAL)



✓ No Disease Detected

KEY INSIGHTS

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3. The overall severity score indicates a medium risk, but the critical threat from Army Worm justifies an immediate response.