

# Pest Advisory Report

## SAHIWAL

Timeframe: 1 WEEK MAY 2022

### Survey Summary

Overall Severity:	MEDIUM (6.53/30)
Risk Level:	HIGH
Action Urgency:	IMMEDIATE
Economic Impact:	Estimated yield loss: 30-40%
Total Spots Surveyed:	39
Total Area Covered (acres):	215.0
Pest Pressure per Acre:	0.06
Threat Pests:	Army Worm

# Key Insights & Threats

## Critical Threat Pests

- Army Worm | 4.27x ETL | HIGH | Count: 12.8 (ETL 3)

## Key Insights

1. The Army Worm population is significantly above the ETL threshold, indicating a high risk of crop damage.
2. Disease pressure remains low, with no reported infections in the surveyed area.
3. The overall severity score indicates a medium-level threat to cotton yields.

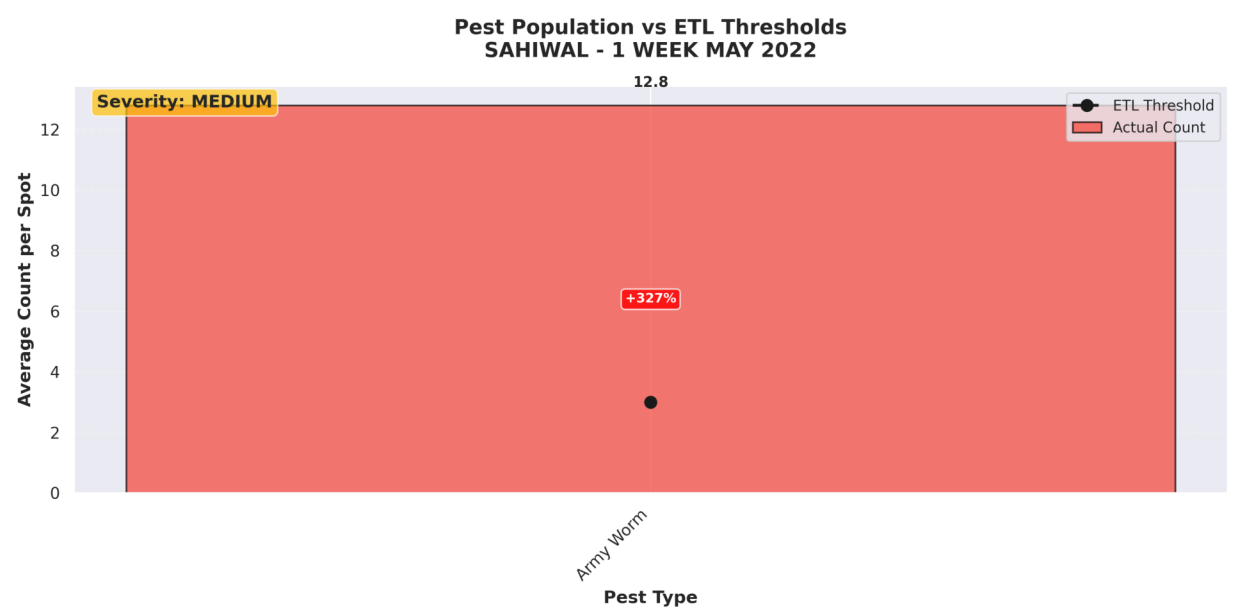
# Expert Advisory for Farmers

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

## Actionable Guidance (English)

- Take immediate action to control Army Worm populations using integrated pest management (IPM) strategies or chemical controls as needed.
- Monitor fields closely for signs of Army Worm infestation and consider applying insecticides if necessary. Ensure proper timing and application rates to minimize environmental impact.
- Coordinate with local agricultural experts and extension services to develop a comprehensive plan for managing the Army Worm threat and minimizing yield losses.

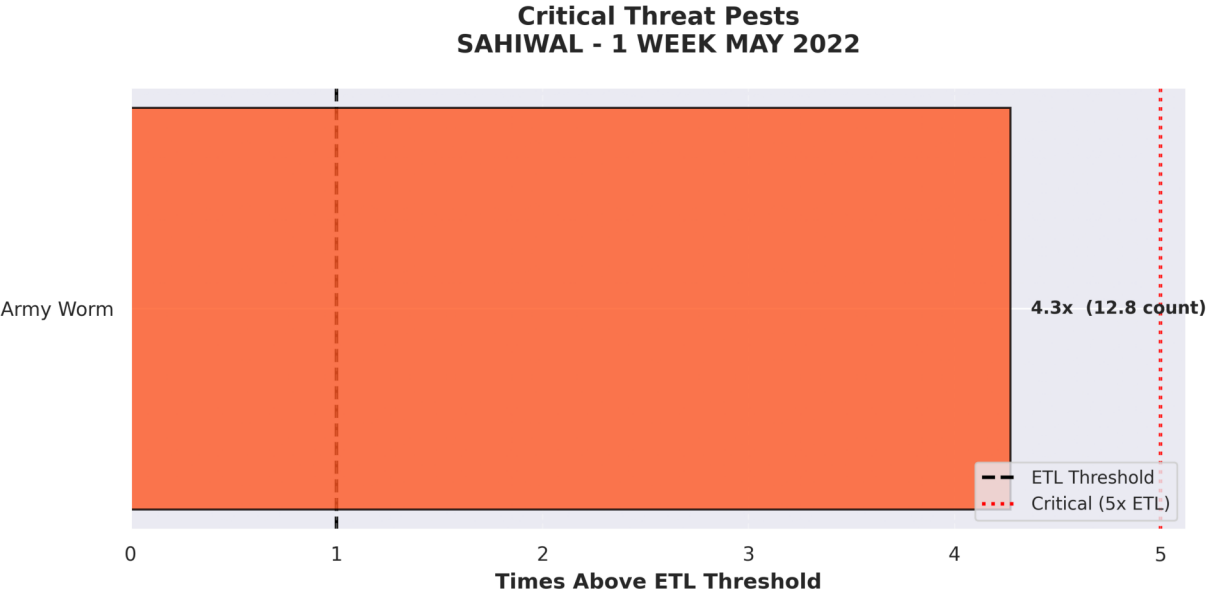
# Pest Comparison vs ETL Thresholds



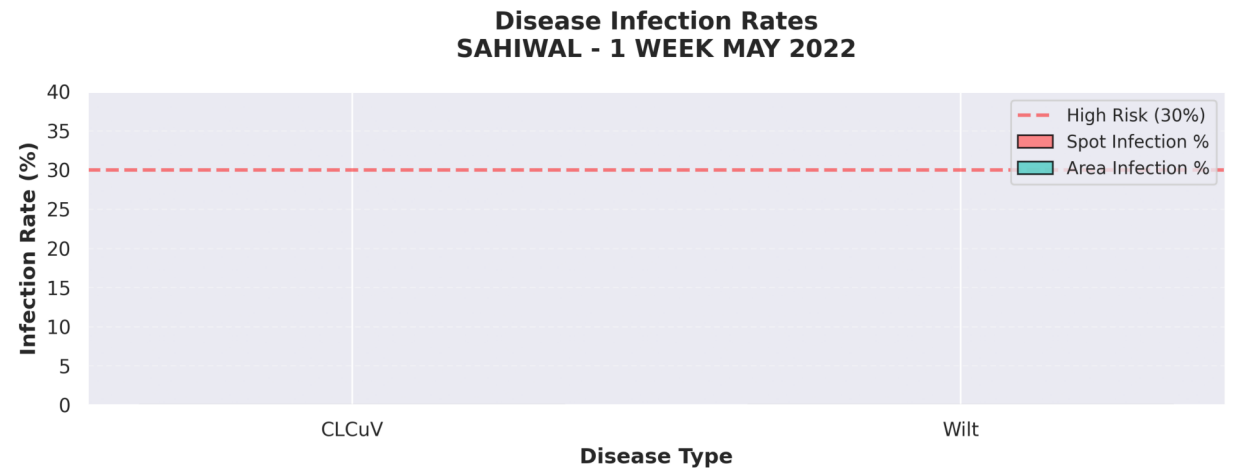
# Severity Gauge



# Critical Threat Pests



# Disease Infection Rates



# Pest Advisory Dashboard Overview

## Pest Advisory Dashboard: SAHIWAL 1 WEEK MAY 2022

SURVEY COVERAGE

- Spots Surveyed: 39

- Total Area: 215.0 acres

- Pest Pressure: 0.06/acre

RISK ASSESSMENT

- Severity Level: MEDIUM

- Severity Score: 6.5/30

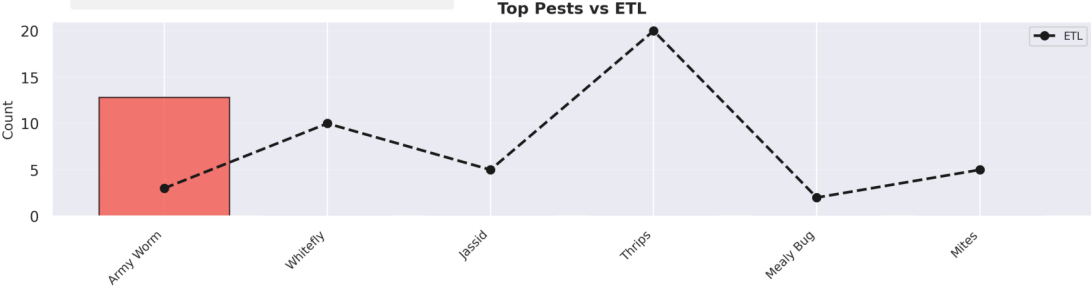
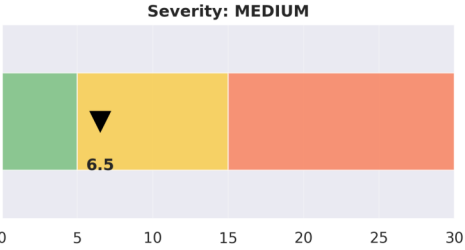
- Risk Level: HIGH

- Action Urgency: IMMEDIATE

- Economic Impact: Estimated yield loss: 30-40%

CRITICAL THREATS

• Army Worm: 4.3x ETL (HIGH)



✓ No Disease Detected

- KEY INSIGHTS
1. The Army Worm population is significantly above the ETL threshold, indicating a high risk of crop damage.

2. Disease pressure remains low, with no reported infections in the surveyed area.

3. The overall severity score indicates a medium-level threat to cotton yields.