

# Pest Infestation Report

Report Generated: October 29, 2025 at 10:58 PM

Farm Location: 25.5941°N, 85.1376°E (Patna, Bihar)

## Weather Forecast (3 Days)

| Day   | Temperature | Wind Speed | Risk Factor |
|-------|-------------|------------|-------------|
| Day 1 | 26.62°C     | 6.66 km/h  | Low         |
| Day 2 | 25.17°C     | 9.37 km/h  | Low         |
| Day 3 | 24.22°C     | 12.66 km/h | Low         |

## Pest Detection Results

|                  |             |
|------------------|-------------|
| Status           | Healthy     |
| Pest Probability | 35.0%       |
| Risk Level       | Medium Risk |
| Confidence       | High        |

## 3-Day Pest Spread Forecast

| Day   | Risk Level | Spread Probability | Recommended Action            |
|-------|------------|--------------------|-------------------------------|
| Day 1 | MEDIUM     | 45%                | Monitor closely               |
| Day 2 | HIGH       | 60%                | Consider preventive treatment |
| Day 3 | HIGH       | 75%                | Apply treatment if needed     |

## Recommendations

- Monitor crop health daily for early pest detection

- Apply preventive treatments during high-risk periods
- Maintain proper field hygiene and crop rotation
- Use biological control methods when possible
- Keep weather conditions in mind for pest management timing

Generated by Hyper-local Pest Infestation Forecaster | Developed for Precision Agriculture