

# CROP PEST OUTBREAK REPORT

AUGUST 2019

HIGHLIGHTS



**AICRP ON BIOLOGICAL CONTROL OF CROP PESTS**  
ICAR- NATIONAL BUREAU OF AGRICULTURAL INSECT RESOURCES, BENGALURU

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## ANDHRA PRADESH

**Reporting Centre:** RARS, Anakapalle

### **Crop: Maize**

**Site details:** Budarayavalasa, Somalingapuram, M.Ravivalasa, Bantupalli villages in Merakamudidam mandal; Vedurlavalasa village in Cheepurupalli mandal of Vizianagaram district

**Variety grown:** Advanta hybrid PAC 751, PAC759

**Crop Stage:** Ranges between 20 and 90 days age i.e Early whorl stage to cob filling stage

**Area:** 210 acres (ca.)

### **Pest Status:**

**Insects:** Low to moderate infestation of fall armyworm (5-10 %) was observed.



Fall armyworm damage in Merakamudidam mandal , Vizianagaram district

### **Crop: Rice**

**Site details:** Budarayavalasa, Somalingapuram, M.Ravivalasa, Bantupalli villages in Merakamudidam mandal; Vedurlavalasa village in Cheepurupalli mandal of Vizianagaram district

**Variety grown:** MTU 1121

**Crop Stage:** Early transplanted

**Pest Status:** Nil

## New Delhi

**Reporting Centre:** ICAR-NCIPM, New Delhi

### Crop: Cotton

**Site details:** Fazilka, Muktsar in Punjab, Sriganganagar, Hanumangarh in Rajasthan, Sirsa in Haryana

**Variety grown:** RCH773, RCH 776

**Crop Stage:** 105-110 days

### Pest Status:

**Insects:** Low thrips damage was observed

**Disease:** Cotton leaf curl disease; 10-25 % incidence with 1-2 grade

## GUJARAT

**Reporting Centre:** AAU, Anand

### Crop: Maize & Pearl Millet#

**Site details:** Piplav, Kothavi\* (22°30'19"N; 72°43'7"E) villages in Sojitra taluk; Sankarpura (22°18'46"N; 72°38'47"E) in Khambhat taluk in Anand district

**Variety grown:** Desi Fodder

**Crop Stage:** 25-45 DAS **Area:** 2.0 ha

### Pest Status:

**Insects:** Moderate to Severe\* infestation of fall armyworm, *Spodoptera frugiperda* was observed

#Moderate FAW incidence was also reported at Piplav in pearl millet

### Crop: Rice

**Site details:** Tarapur village in Sojitra taluk of Anand district

**Variety grown:** LAXMI-17(Hybrid) in 3 ha & Ankur Pooja in 3 ha

**Crop Stage:** 30 DAT

**Pest Status:** Nil

### **Crop: Cotton**

**Site details:** Karena village in Amod Taluk of Bharuch district

**Variety grown:** Bt cotton in 1.0 ha

**Crop Stage:** 55 DAS

**Pest Status:**

**Insects:** Low thrips and jassids damage was observed

## **TAMIL NADU**

**Reporting Centre:** TNAU, Coimbatore

### **Crop: Maize**

**Site details:** Thenkarai (10.9539<sup>0</sup> N,76.8458<sup>0</sup>E) in Coimbatore Dt.

**Variety grown:** Hybrid

**Crop Stage: Area:** 45 Days old

**Pest Status:**

**Insects:** Severe infestation of fall armyworm was observed.

### **Crop: Coconut**

**Site details:** Thithipalayam(10.9525<sup>0</sup> N,76.8849<sup>0</sup>E) in Coimbatore Dt

**Varieties grown:** COD

**Crop Stage: Area:** 5 years 2 ac

**Pest Status:**

**Insects:** Low infestation of Rugose Spiraling whitefly was observed.

**Natural enemy occurrence:** Predators, Spiders

Parasitoid, *Encarsia guadeloupae* was observed.

### **Crop: Tapioca**

**Site details:** Kalkurichi (11.4060<sup>0</sup> N,78.2553<sup>0</sup>E) in Namakkal Dt.

**Varieties grown:** Thailand variety

**Crop Stage: Area:** 12 months 6.5 acres

**Pest Status:**

**Insects:** Severe infestation of *Paracoccus marginatus* of about 0.5 ac.

**Natural enemy occurrence:** Chrysopids, Coccinellids