

# CROP PEST OUTBREAK REPORT

SEPTEMBER 2020



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

Compiled by: Drs. Amala, U., Sampath Kumar, M., Sivakumar, G. & Bakthavatsalam, N.

# CROP PEST OUTBREAK REPORT

SEPTEMBER 2020

## ANDHRA PRADESH

**Reporting Centre:** ANGRAU, RARS, Anakapalle

### **Crop: Rice**

**Site details:** Vizianagaram, denkada, Garividi, Cheepurupalli mandals,  
Vizianagaram district

### **Pest Status:**

**Diseases:** Low to moderate incidence of sheath blight was observed.

### **Crop: Maize**

**Site details:** Vizianagaram, denkada, Garividi, Cheepurupalli mandals,  
Vizianagaram district

### **Pest Status:**

**Insects:** Moderate to severe incidence (12-50%) of fall armyworm  
was observed.

## GUJARAT

**Reporting Centre:** AAU, Anand

### **Crop: Maize**

**Site details:** Godhra in Godhra taluk in Panchmahal district

**Variety:** Desi, Hybrid GAYMH-1 **Crop stage:** 45-60 days **Area:** 0.2-2 ha

### **Pest Status:**

**Insects:** Infestation of fall armyworm (10-40%) was observed.

**Natural enemy occurrence:** Spiders, Coccinellids and earwigs

**Diseases:** Incidence of leaf blight disease (15-20%) was observed.

### **Crop: Sorghum**

**Site details:** Sandesar in Anand taluk in Anand district

**Variety:** Desi **Crop stage:** 25-30 days **Area:** 0.25 ha

### **Pest Status:**

**Insects:** Infestation of fall armyworm (8-10%) was observed.

**Crop: Cotton****Site details:** Vadod in Anand taluk in Anand district**Variety:** Desi, Hybrid GAYMH-1 **Crop stage:** 35-40 days **Area:** 1 ha**Pest Status:****Insects:** Infestation of jassids and thrips (8-10%) was observed.**Crop: Brinjal****Site details:** Vadod in Anand taluk in Anand district**Variety:** Desi, Hybrid GAYMH-1 **Crop stage:** 35-40 days **Area:** 0.4 ha**Pest Status:****Insects:** Infestation of whiteflies and jassids (15-20%) was observed.**Diseases:** Incidence of little leaf disease (10-15%) was observed.**ARUNACHAL PRADESH****Reporting Centre:** CAU Pasighat**Crop: Rice****Site details:** Linzhi, Mebo, East Siang, Arunachal Pradesh**Variety:** Local **Crop stage:** 70 DAT **Area:** > 10 ha**Pest Status:****Insects:** Severe infestation of white backed plant hopper was observed.**Natural enemy occurrence:** Spiders**Diseases:** Incidence of Tungro diseases (30%) was observed.**TELANGANA****Reporting Centre:** PJTSAU, Hyderabad**Crop: Rice****Site details:** Rajendra nagar**Pest Status:****Insects:** Moderate infestation of yellow stem borer and moderate to severe infestation of brown planthopper was observed.

**Crop: Maize**

**Site details:** Rajendra nagar

**Pest Status:**

**Insects:** Low to moderate infestation of stem borer and fall armyworm was observed.

**Crop: Cotton**

**Site details:** Rajendra nagar

**Pest Status:**

**Insects:** Severe infestation of thrips, hoppers and low to moderate infestation of pink bollworm, whiteflies was observed.

**Crop: Red gram**

**Site details:** Rajendra nagar

**Pest Status:**

**Insects:** Severe infestation of hoppers and pod borer, *Maruca* sp was observed.

**Crop: Castor**

**Site details:** Rajendra nagar

**Pest Status:**

**Insects:** Severe infestation of semi loppers was observed.

**Crop: Brinjal, Bhendi**

**Site details:** Rajendra nagar

**Pest Status:**

**Insects:** Moderate to severe infestation of hoppers, aphids and whiteflies was observed.

**Crop: Tomato**

**Site details:** Rajendra nagar

**Pest Status:**

**Insects:** Low to moderate infestation of hoppers and pinworm was observed.

## ORISSA

**Reporting Centre:** OUAT, Bhubaneshwar

**Crop:** Rice

**Site details:** Kalahandi, Koraput, Raygada districts

**Pest Status:**

**Insects:** Low to moderate infestation of fall armyworm was observed.

## PUNJAB

**Reporting Centre:** PAU, Ludhiana

**Crop:** Rice

**Pest Status:**

**Insects:** Low infestation of leaf folder was observed.

**Natural enemy occurrence:** Spiders, dragonflies, damselflies, *Trichogramma* sp, *Stenobracon*, *Xanthopimpla* sp was observed.

**Crop:** Maize

**Pest Status:**

**Insects:** Low to moderate infestation of stem borer and fall armyworm was observed.

**Natural enemy occurrence:** Spiders, yellow wasp, *T. chilonis*, *Coccinella septempunctata*, *Chelonus formosanus*, *Temeleucha* sp was observed.

**Crop:** Sugarcane

**Pest Status:**

**Insects:** Low infestation of borer, *Chilo auricillius* and pyrilla was observed.

**Natural enemy occurrence:** *Cotesia* sp, *Trichogramma chilonis*, *Fulgorecia melanoleuca*

**Crop:** Cotton

**Pest Status:**

**Insects:** Low infestation of whiteflies was observed.

**Natural enemy occurrence:** Eggs and grubs of green lacewing predator and spiders was observed.

## JAMMU & KASHMIR

**Reporting Centre:** SKUAST-Jammu

### **Crop: Rice**

**Site details:** Khanwal, Raipur, Pangdour Reyian in Samba district.

**Variety:** Basmati, Sharbati

#### **Pest Status:**

**Insects:** Moderate infestation of stem borer was observed.

**Diseases:** Incidence of brown spot (35-40%) was observed.



**Brown spot incidence in Rice**

### **Crop: Sesame**

**Site details:** Patti Vijaypur, Bari Brahmana in Samba district.

#### **Pest Status:**

**Insects:** Moderate infestation of leafhopper and whitefly was observed.

### **Crop: Green gram, Black gram**

**Site details:** Patti Vijaypur, Bari Brahmana in Samba district.

#### **Pest Status:**

**Insects:** Moderate infestation of whitefly was observed.

**Diseases:** Incidence of yellow mosaic disease (35-50%) was observed.



### **Yellow mosaic disease incidence**

#### **Crop: Guava**

**Site details:** Patti Vijaypur, Bari Brahmana in Samba district.

#### **Pest Status:**

**Insects:** Moderate to severe infestation of fruit fly and beetles was observed.



### **Beetle incidence in Guava**

#### **Crop: Mango**

**Site details:** Patti Vijaypur, Bari Brahmana in Samba district.

#### **Pest Status:**

**Insects:** Moderate infestation of fruit fly and beetles was observed.

#### **Crop: Brinjal**

**Site details:** Patti Vijaypur, Bari Brahmana in Samba district.

#### **Pest Status:**

**Insects:** Moderate infestation of hadda beetle was observed.



**Hadda beetle damage in brinjal**

## TAMIL NADU

**Reporting Centre: TNAU, Coimbatore**

**Crop: Maize**

**Site details:** Gudimangalam in Coimbatore district (10.64590 N,77.2686 0E), Guthiyalathur in Erode district (11.63120 N,77.3239 0E)

**Variety:** Pioneer **Crop stage:** 40 DAS

**Pest Status:**

**Insects:** Leaf damage (5-10%) by fall armyworm was observed.

**Natural enemy occurrence:** Spiders, *Chelonus* sp

## WEST BENGAL

**Reporting Centre: UBKV, Pundibari**

**Crop: Rice**

**Site details:** Gitdabling (27°01'28.9"N 88°35'59.1"E) of Kalimpong, Sonapur and Rajabhatkhawa of Cooch Behar and Alipurduar, Gitdabling Block in Kalimpong-II at Kalimpong, Cooch Behar and Alipurduar districts

**Pest Status:**

**Insects:** Severe infestation of leaf folder was observed.