

CROP PEST OUTBREAK REPORT

SEPTEMBER 2019

HIGHLIGHTS



Cotton- Fall armyworm
(Ahmednagar dt)



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

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CROP PEST OUTBREAK REPORT

SEPTEMBER 2019

ANDHRA PRADESH

Reporting Centre: RARS, Anakapalle

Crop: Maize

Site details: Kudipi, Suvvanipeta villages in Nellimarla Mandal; Kella, Vallapuram villages in Gurla mandal of Vizianagaram district

Variety grown: Advanta hybrid PAC 751, PAC759 in 3 ha

Crop Stage: Early whorl stage to cob filling stage 90-100 days

Pest Status:

Insects: Moderate infestation of fall armyworm (5-10 %) was observed

Crop: Rice

Site details: Paradi village in Bobbili Mandal of Vizianagaram district; Kudipi Suvvanipeta villages in Nellimarla mandal and Kella, Vallapuram villages in Gurla mandal of Vizianagaram district

Variety grown: BPT 5204, MTU 1121 MTU1156 in 18 ha

Crop Stage: Early transplanted

Pest Status: Low leaf folder/stem borer infestation was observed

Maharashtra

Reporting Centre: MPKV, Pune

Crop: Cotton

Site details: Susre village in Pathrdi Taluk of Ahmednagar district

Variety grown: Mahyco Jangi (MRC- 7017 + BG II) in 0.60 ha

Crop Stage: 105-110 days

Pest Status:

Insects: First incidence of FAW was observed on the crop on September 17, 2019. The infestation of FAW to the extent of 10 % on cotton crop was recorded. Maize was grown as adjacent crop near to the cotton field.



Infestation of Fall Army Worm (FAW) larvae on Cotton crop

GUJARAT

Reporting Centre: AAU, Anand

Crop: Maize & Sorghum

Site details: Maize- AAU campus; Sorghum- Tarapur in Anand district

Variety grown: Maize -GAYMH-1 in 0.5 ha; Sorghum- desi variety

Pest Status:

Insects: Moderate infestation of fall armyworm, *Spodoptera frugiperda* was observed in both the crops

Crop: Rice

Site details: Tarapur village in Sojitra taluk of Anand district

Variety grown: LAXMI-17(Hybrid) in 2 ha

Crop Stage: Maximum tillering

Pest Status: Low leaf folder infestation was observed

Crop: Cotton

Site details: Karena village in Karjan Taluk of Bharuch district

Variety grown: Bt cotton in 1.0 ha

Crop Stage: 55 DAS

Pest Status:

Insects: Low PBW damage was observed

Crop: Groundnut

Site details: Gundarna village in Mahuva Taluk of Bhavnagar district

Variety grown:

Crop Stage: 60 DAS in 1 ha

Pest Status:

Insects: Low white grub damage was observed

Disease: Tikka disease (10-12 %) incidence was recorded

Crop: Okra

Site details: AAU campus

Variety grown: GAO-5 in 0.5 ha

Crop Stage: 45 DAS

Pest Status:

Insects: Low damage caused by fruit borer *H. armigera* and *E. vittella* was recorded