

CROP PEST OUTBREAK REPORT

OCTOBER 2020



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

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ANDHRA PRADESH

Reporting Centre: ANGRAU, RARS, Anakapalle

Crop: Rice

Site details: Ransthalam mandal in Srikakulam district

Pest Status:

Diseases: Low to moderate incidence of leaf folder was observed.

Crop: Maize

Site details: Ransthalam mandal in Srikakulam district

Pest Status:

Insects: Low to moderate incidence of fall armyworm was observed.

Crop: Coconut

Site details: Ransthalam mandal in Srikakulam district

Pest Status:

Insects: Low to moderate incidence of rugose spiralling whitefly was observed.

GUJARAT

Reporting Centre: AAU, Anand

Crop: Maize

Site details: Karamsad in Anand taluk in Anand district

Area: 0.1 ha

Crop stage: 40 DAS

Pest Status:

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

Crop: Groundnut

Site details: AAU campus at Anand district

Area: 0.4 ha

Crop stage: 30 DAS

Pest Status:

Diseases: Incidence of rust and Tikka disease (20-25%) was observed.

Crop: Brinjal**Site details:** Karamsad in Anand taluk at Anand district**Area:** 0.2 ha**Crop stage:** 35 DAS**Pest Status:****Insects:** Infestation of hadda beetle (8-10%) was observed.**Crop: Green gram****Site details:** AAU campus at Anand district**Area:** 0.3 ha**Crop stage:** 20 DAS**Pest Status:****Diseases:** Incidence of mosaic disease (12-15%) was observed.**Crop: Cabbage****Site details:** Navli in Anand taluk at Anand district**Area:** 5 ha **Variety:** Golden cross**Crop stage:** 20 DAS**Pest Status:****Diseases:** Incidence of damping off disease (8-10%) was observed.**Crop: Bottle gourd****Site details:** Navli in Anand taluk at Anand district**Area:** 0.2 ha**Variety:** Golden cross**Crop stage:** 25 DAS**Pest Status:****Insects:** Infestation of leaf miner (10-12%) was observed.**Crop: Mango****Site details:** Hiranvel in Talala taluk at Gir Somnath district**Area:** 2 ha**Variety:** Kesar**Pest Status:****Insects:** Infestation of leaf webber (15-18%) was observed.**TELANGANA****Reporting Centre:** PJTSAU, Hyderabad**Crop: Rice**

Site details: Rajendra nagar

Pest Status:

Insects: Moderate to severe infestation of yellow stem borer and moderate infestation of gall midge, whorl maggot, brown planthopper was observed.

Crop: Maize

Site details: Rajendra nagar

Pest Status:

Insects: Low infestation of stem borer 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 shoot and capsule borer, semi loppers was observed.

Crop: Groundnut

Site details: Rajendra nagar

Pest Status:

Insects: Severe infestation of leafhoppers and moderate infestation of *Spodoptera litura* was observed.

Crop: Brinjal, Bhendi

Site details: Rajendra nagar

Pest Status:

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

Crop: Chilli

Site details: Rajendra nagar

Pest Status:

Insects: Severe infestation of thrips, hoppers and blossom midge and moderate infestation of mites was observed.

Crop: Tomato

Site details: Rajendra nagar

Pest Status:

Insects: Low to moderate infestation of hoppers, leaf miner and pinworm was observed.

Crop: Cole crops

Site details: Rajendra nagar

Pest Status:

Insects: Severe infestation of diamondback moth and moderate infestation of aphids was observed.

ORISSA

Reporting Centre: OUAT, Bhubaneswar

Crop: Rice

Site details: Baragarh and Balaswar districts

Pest Status:

Insects: Moderate infestation of yellow stem borer was observed.

PUNJAB

Reporting Centre: PAU, Ludhiana

Crop: Sugarcane

Pest Status:

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

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

JAMMU & KASHMIR

Reporting Centre: SKUAST-Jammu

Crop: Rice

Site details: Raipur Camp Reyian in Samba district.

Pest Status:

Diseases: Incidence of leaf blight (10-15%) was observed.

TAMIL NADU

Reporting Centre: TNAU, Coimbatore

Crop: Maize

Site details: Kolarpatti in Coimbatore district (10.5354°N,77.2896°E)

Andigoundanur in Tirupur district (11.5607°N,77.2500°E)

Variety: NK6088 **Crop stage:** 14-55 DAS

Pest Status:

Insects: Tassel damage (20%) by fall armyworm was observed.

WEST BENGAL

Reporting Centre: UBKV, Pundibari

Crop: Coconut

Site details: Pundibari (26°31'48.00" N 89°06'36.00" E) GP: Pundibari in

Cooch Behar II in Pundibari at Cooch Behar district

Pest Status:

Insects: Severe infestation of rugose spiralling whitefly was observed.