

CROP PEST OUTBREAK REPORT

JULY 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: Maize

Site details: Vizianagaram, Denkada, Pusapatiregam, Vizianagaram district

Pest Status:

Insects: Low to moderate infestation (2-8%) of fall armyworm was observed.

Crop: Coconut

Site details: Vizianagaram, Denkada, Pusapatiregam, Vizianagaram district

Pest Status:

Insects: Low infestation of rugose spiralling whitefly (<5%) was observed.

TELANGANA

Reporting Centre: PJTSAU, Hyderabad

Crop: Rice

Site details: Rajendra nagar

Pest Status:

Insects: Low to moderate infestation of hispa in nursery and gall midge was observed.

Crop: Cotton

Site details: Rajendra nagar

Pest Status:

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

Crop: Red gram**Site details:** Rajendra nagar**Pest Status:****Insects:** Severe infestation of hoppers was observed.**Crop: Castor****Site details:** Rajendra nagar**Pest Status:****Insects:** Severe infestation of leafhoppers was observed.**Crop: Chilli****Site details:** Rajendra nagar**Pest Status:****Insects:** Severe infestation of thrips and hoppers 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.**GUJARAT****Reporting Centre:** AAU, Anand**Crop: Maize****Site details:** AAU campus at Anand**Crop stage:** 25-30 days **Area:** 0.25 ha**Pest Status:****Insects:** Infestation of fall armyworm (10-12%) was observed.

Crop: Pearl millet

Site details: Kothavi at Sojitra taluk in Anand

Crop stage: 25-30 days **Area:** 0.30 ha

Pest Status:

Insects: Infestation of stem borer (6-8%) was observed.

Crop: Cotton

Site details: Karena in Amod taluk in Bharuch

Variety: Bt **Crop stage:** 45-50 days **Area:** 1 ha

Pest Status:

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

Crop: Okra

Site details: Karena in Amod taluk in Bharuch

Chapad in Padra taluk in Vadodara

Crop stage: 40-70 days **Area:** 0.5 to 1 ha

Pest Status:

Insects: Infestation of mealybug (6-8%) and fruit borer (8-10%) was observed.

Diseases: Incidence of powdery mildew (10-12%) was observed.

Crop: Brinjal

Site details: Sojitra in Sojitra taluk in Anand

Bhavanipura in Petlad taluk in Anand

Crop stage: 45-55 days **Area:** 0.5 ha

Pest Status:

Insects: Infestation of fruit borer (8-10%) was observed.

ORISSA

Reporting Centre: OUAT, Bhubaneshwar

Crop: Rice

Site details: Baragarh, Sambalpur

Pest Status:

Insects: Moderate infestation of yellow stem borer was observed.

PUNJAB

Reporting Centre: PAU, Ludhiana

Crop: Rice

Pest Status:

Insects: Low infestation of yellow stem borer and 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 thrips, hoppers and whiteflies was observed.

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

JAMMU & KASHMIR

Reporting Centre: SKUAST-Jammu

Crop: Maize

Site details: Sumb, Patyari, Diani, DeraGanotra in Samba district

Pest Status:

Insects: Moderate to severe infestation of stem borer and *Spodoptera litura* was observed.

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



Stem borer damage

WEST BENGAL

Reporting Centre: UBKV, Pundibari

Crop: Maize

Site details: Pundibari GP in Pundibari Block in Coochbehar II

(26°52'43" N 89°10'75" E)

Pest Status:

Insects: Low infestation of fall armyworm was observed.