

CROP PEST OUTBREAK REPORT

NOVEMBER 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: Garividi, Cheepurupalli mandals in Vizianagaram district

Pest Status:

Insects: Moderate to severe incidence (5-20%) of fall armyworm was observed.

Natural enemy occurrence: *Telenomus remus*, *Trichogramma chilonis*

Crop: Sugarcane

Site details: Garividi, Cheepurupalli mandals in Vizianagaram district

Pest Status:

Insects: Low to moderate incidence of early shoot borer (5-12%) was observed.

GUJARAT

Reporting Centre: AAU, Anand

Crop: Maize

Site details: AAU campus, Navli, Sandesar, Karamsad, Jahangirpura in Anand taluk in Anand district, Sihol in Petlad taluk in Anand district.

Variety: Desi, Madhuri **Crop stage:** 35-55 days **Area:** 0.25-0.5 ha

Pest Status:

Insects: Infestation of fall armyworm (5-15%) was observed.

Natural enemy occurrence: Coccinellids, spiders

Crop: Castor**Site details:** AAU campus in Anand district**Variety:** GCH 7 **Crop stage:** 50 days **Area:** 0.75 ha**Pest Status:****Insects:** Infestation of horn caterpillar (5-8%) was observed.**Natural enemy occurrence:** Coccinellids, spiders**Crop: Cabbage****Site details:** AAU campus in Anand district**Variety:** Super Express **Crop stage:** 44-55 DAT **Area:** 0.25 -1.0 ha**Pest Status:****Insects:** Infestation of *Helicoverpa armigera* (8-15%) was observed.**Crop: Tomato****Site details:** AAU campus in Anand district**Variety:** Anand Tomato - 3 **Crop stage:** 60 DAT **Area:** 0.25 ha**Pest Status:****Insects:** Infestation of *Helicoverpa armigera* (4-5%) was observed.**Diseases:** Incidence of leaf curl disease (12-15%) was observed.**TELANGANA****Reporting Centre:** PJTSAU, Hyderabad**Crop: Rice****Site details:** Rajendra nagar**Pest Status:****Insects:** Moderate to severe infestation of panicle mite was observed.**Crop: Maize****Site details:** Rajendra nagar**Pest Status:****Insects:** Low infestation of stem borer and severe infestation of fall armyworm was observed.

Crop: Cotton

Site details: Rajendra nagar

Pest Status:

Insects: Severe infestation of pink bollworm was observed.

Crop: Red gram

Site details: Rajendra nagar

Pest Status:

Insects: Moderate to 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 and low to moderate infestation of blossom midge and *Helicoverpa* 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.**Crop: Gourds****Site details:** Rajendra nagar**Pest Status:****Insects:** Moderate infestation of leaf hoppers, aphids and severe infestation of fruit flies was observed.**ORISSA****Reporting Centre:** OUAT, Bhubaneshwar**Crop: Rice****Site details:** Cuttack, Puri and Baleswor districts**Pest Status:****Insects:** Moderate infestation of green leafhopper was observed.**Crop: Maize****Site details:** Koraput and Nawarangapur district**Pest Status:****Insects:** Moderate infestation of fall armyworm was observed.

WEST BENGAL

Reporting Centre: UBKV, Pundibari

Crop: Tea

Site details: Birpara Central Dooars (26°42'15.16" N 89°08'43.69" E) in Alipurduar I block at Alipurduar district

Pest Status:

Insects: Moderate infestation of looper was observed.



Looper damage in Tea