

CROP PEST OUTBREAK REPORT

NOVEMBER 2019



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

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TELANGANA

Reporting Centre: NIPHM, Hyderabad

Crop: Maize

Site details: Rajendranagar in Hyderabad

Variety grown: DKC-9144

Crop Stage: 95 DAS **Area:** 1 ha

Previous crop grown: Maize

Pest Status:

Insects: Moderate infestation of fall armyworm was observed.

Natural enemy occurrence: Coccinellids, Reduviid bugs and Spiders were observed. Entomopathogenic fungus infected larva was observed.



Spider



Coccinellid beetle

Reduviid bug



Fall armyworm larva infected by entomopathogenic fungus

GUJARAT

Reporting Centre: AAU, Anand

Crop: Cotton

Site details: Ajupura in Kapadvanj taluk, Sorna (22°58'59" N; 73°5'54"E) and Dudhathal (23°3'18"N; 73°10'21"E), Letar (23°7'40"N; 73°12'54"E) in Kapadvanj taluk in Kheda district, Navi Borol (23°7'40"N; 73°12'54"E) in Bayad taluk, Kishorpura (23°25'41"N; 73°9'11"E) in Modasa taluk at Aravalli district.

Variety grown: Hybrid (BG-II) **Crop Stage:** 90-105 DAS **Area:**0.5-1.5 ha

Pest Status:

Insects: Low to Moderate infestation of pink bollworm, jassids and thrips was observed.

Crop: Maize

Site details: AAU campus at Anand district

Variety grown: GAYMH 1 **Crop Stage:** 15-20 DAS **Area:**0.5 ha

Pest Status:

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

Natural enemy occurrence: Lady bird Beetles

KERALA

Reporting Centre: COA, Vellayani

Crop: Coconut

Site details: Thiruvananthapuram district

Varieties grown: Dwarf

Crop Stage: 4 years **Area:** Homestead cultivation

Pest Status:

Insects: Secondary infestation of *Diocalandra* in Boron deficient trees was observed.



Diocalandra infestation in boron deficient palms

Reporting Centre: RARS, Kumarakom

Crop: Snake gourd

Site details: Brahmamangalam in Njeezhoor panchayat at Kottayam district

Varieties grown: Kaumudi

Crop Stage: 45 days **Area:** 50 cents

Pest Status:

Insects: Severe incidence (60-70%) of Phyllody disease was observed.



Severe incidence of Phyllody in Snake gourd

PUNJAB

Reporting Centre: PAU, Ludhiana

Crop: Sugarcane

Site details: Amritsar, Barnala, Kapurthala, Jalandhar, Sangrur districts

Crop Stage: 200-210 days old

Previous crop grown in the area: Wheat, potato, chickpea, toria

Pest Status:

Insects: Low infestation of stalk borer was observed.

WEST BENGAL

Reporting Centre: UBKV, Pundibari

Crop: Maize

Site details: Kalipur (26034'27" N 89021'53" E) and Raichenga (26034'27" N 89021'53" E) in Falakata II in Alipurduar block

Crop Stage: 35 DAS (Kalipur) 40 DAS (Raichenga)

Area: 0.13 ha (Kalipur) 0.39 ha (Raichenga)

Variety: DKC 9081 (Kalipur) P3355 (Raichenga)

Pest Status:

Insects: Low infestation of fall armyworm was observed.



Damage caused by fall armyworm in maize

JAMMU & KASHMIR

Reporting Centre: SKUAST - Jammu

Crop: Cabbage, Cauliflower, Knolkhol

Site details: Khoulpur, Govindgarh, Rajpura, Raipur at Ramgarh and Rajpura taluk in Samba district

Area: 10 ha

Crop Stage: 15-20 DAT

Pest Status:

Insects: Moderate infestation of cabbage butterfly, *Pieris brassicae* was observed.

Natural enemy occurrence: Spiders