

CROP PEST OUTBREAK REPORT

DECEMBER 2020

HIGHLIGHTS



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

Compiled by: Drs. Sampath Kumar, M., Amala, U., Sivakumar, G. & Bakthavatsalam, N.

CROP PEST OUTBREAK REPORT

December 2020

ANDHRA PRADESH

Reporting Centre: ANGRAU, RARS, Anakapalle

Crop: Maize

Site details: Kumili, Pidisila villages in Vizianagaram District; Pathivada Palem village in Srikakulam District

Variety: Advanta, Pioneer in 43ha.

Crop stage: 7-40 days old

Pest Status:

Insects: Low incidence of fall armyworm (2-5%) was observed. Occurrence of fall armyworm was also noticed on fodder napier grass grown near to the vicinity of the maize crop.

Natural enemies recorded: Coccinellids, Spiders

GUJARAT

Reporting Centre: AAU, Anand

Crop	Cabbage	Tomato	Maize	Cabbage	Castor	Maize	Maize	Maize	Maize	Maize
Site details	AAU, Anand	AAU, Anand	AAU, Anand	Navli	AAU, Anand	Navli	Karamsad	Sandesar	Jahangir pura	Sihol
Variety	Super Express	Anand Tomato-3	Madhuri - Sweetcorn	Super Express	GCH-7	Desi - Fodder	Desi - Fodder	Desi - Fodder	Desi - Fodder	Desi - Fodder
Age of crop (DAT/DAS)	45	60	45	55	50	35	55	45	35	50
Area cultivated (ha)	0.25	0.25	0.5	1.0	0.75	0.5	0.25	0.25	0.25	0.3
Insect pests & % infestation	<i>H. armigera</i> (8-10%)	<i>H. armigera</i> (4-5%)	FAW (10-15%)	<i>H. armigera</i> (12-15%)	Castor horn caterpillar (5-8 %)	FAW (10-12 %)	FAW (20-25 %)	FAW (15-18 %)	FAW (5-10 %)	FAW (15-18 %)
Disease & % incidence	--	Leaf curl (12-15%)	--	--	--	--	--	--	--	--

Natural enemies recorded	Coc	-	Coc	--	Coc, spider	--	Coc, spider	--	--	Coc, spider
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FAW- fall armyworm; Coc- Coccinellids

KERALA

Reporting Centre: RARS, Kumarakom

Crop: Pineapple

Site details: Vazhakulam village in Ernakulam District

Variety: Mauritius in 10 ac.

Crop stage: 8 months

Pest Status:

Disease: ?Phyllody disease incidence (10-20 %) was recorded



Phyllody disease

PUNJAB

Reporting Centre: PAU, Ludhiana

Crop: Wheat

Site details: Jalandhar, Ludhiana, Ferozepur, Kapurthala, Patiala, Sangrur districts

Pest Status:

Insects: nil

Crop: Mustard

Site details: Amritsar, Jalandhar, Ludhiana, Patiala, Sangrur districts

Pest Status:

Insects: nil

Crop: Chickpea

Site details: Jalandhar, Ferozepur, Ludhiana, Patiala, Sangrur districts

Pest Status:

Insects: nil

TAMIL NADU

Reporting Centre: TNAU, Coimbatore

Crop: Coconut

Site details: Several villages in the following Districts (Tirupur, Ariyalur, Dindugal, Theni, Virudhunagar, Tenkasi, Kanyakumari & Coimbatore)

Variety: Dwarf/COD/Tall/ Cylone in >200ha.

Crop stage: 2-13 years old

Pest Status:

Insects: Low-moderate incidence of RSW was observed. Severe incidence of RSW was also recorded at Muthuvinayakapuram (8.9343 N; 77.3262E) village in Tenkasi Dt., Asaipalayam, NGO colony, Visuasapuram Erumbukadu (8.1528 N; 77.4028E) villages in Kanyakumari Dt., Kanal Pudur village (10.7908n; 76.8942e) in Coimbatore Dt.

Disease: Leaf blight disease incidence was witnessed in Dindugal Dt.

Natural enemies recorded: *Encarsia* sp., *Mallada* sp., spiders

Crop: Maize

Site details: Jivalsaragu (10.3077N; 77.8629E) village in Dindugal Dt., Boluvampaati (10.9808N; 76.7685E) village in Coimbatore Dt.

Variety: CP 808 in 2 ha.

Crop stage: 75 days old

Pest Status:

Insects: Low to moderate incidence of fall armyworm was observed

Crop: Tomato

Site details: Jamin Kaliyapuram, Pullagoundan Pudur (10.9943N; 76.8013E) villages in Coimbatore District

Variety: -

Crop stage: 60 days old in 2.5 ac

Pest Status:

Insects: Low infestation of tomato pinworm was observed

Natural enemies recorded: Coccinellids, spiders

Crop: Guava

Site details: Vandikaranur (11.0096N; 76.8252E) village in Coimbatore District

Variety: -

Crop stage: Six months old in 4.0 ac

Pest Status:

Insects: Moderate infestation of mealybug (*Ferrisia DEvirgata*) was observed

Natural enemies recorded: *Mallada* sp., *Cryptoleamus* sp.

TELANGANA

Reporting Centre: PJTSAU, Hyderabad

Site details: Rajendra Nagar

Crop	Pest	Severity (Low/moderate/severe incidence)
Cotton	Pink Bollworm	Severe
Chilli	Thrips	Severe
	<i>Helicoverpa</i>	Low to moderate
	Blossom midge	severe
Gourds	Leafhoppers	Moderate
	Aphids	Moderate
	Fruit flies	severe
Maize	Stem borer	Low
	FAW	Severe
Cabbage, Cauliflower and Broccoli	Aphids	Moderate
	DBM	Severe
Beans	Aphids	Moderate
Oilpalm, sapota, banana, coconut fruit trees	Rugose spiraling whitefly	Low
Chickpea	<i>H. armigera</i>	Moderate

WEST BENGAL**Reporting Centre: UBKV, Pundibari****Pest Status:****Insects:** nil