

CROP PEST OUTBREAK REPORT

JANUARY 2021

HIGHLIGHTS



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

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CROP PEST OUTBREAK REPORT

January 2021

GUJARAT

Reporting Centre: AAU, Anand

Crop	Cabbage	Tomato	Potato	Onion	Oats	Mustard	Mango	Mango	Coconut	Coconut
Site details	Navli	AAU, Anand	AAU, Anand	AAU, Anand	AAU, Anand	AAU, Anand	Ganghor	Lushala	Barula Gir	Chorwad
Variety	F1 Golden cross	Anand Tomato-3	Kufri Laukar	Poona Red	Kent	F1 7701	Kesar	Kesar	Lotan	Bona
Age of crop (DAT/DAS /yr)	60	75	40	45	70	70	11	9	8	8
Area cultivated (ha)	1.25	0.25	0.25	0.25	0.1	0.1	0.25	1	0.5	1
Insect pests & % infestation	<i>H. armigera</i> 12-15%	<i>H. armigera</i> 4-5%	Nil	Nil	FAW 2-5 %	Aphids 12-15 %	Hopper 10-12 %	leaf Webber 15-18 %	RSW 50-60 %	RSW 20-25 %
Disease & % incidence	Black rot 25-30%	Leaf curl 25-30%	Early blight 15-20%	Purple blotch 12-15%	-	Powdery mildew 12-15%	-	-	-	-
Natural enemies recorded	-	-	-	-	-	Syrphid fly	-	-	-	-

RSW- Rugose spiraling white fly, FAW- fall armyworm

KERALA

Reporting Centre: RARS, Kumarakom

Crop: Banana

Site details: Nedumkunnam village in Kottayam District

Variety: Nendran in 1 ac.

Crop stage: 5 months

Pest Status:

Insects: Low incidence of lacewing bug was observed



Infestation caused by lacewing bugs on banana leaf

Reporting Centre: KAU Vellayani

Crop: Fodder maize

Site details: Kalliyoor village in Trivandrum District

Variety: -

Crop stage: 1-2 months in 0.4 ha

Pest Status:

Insects: Severe incidence of fall armyworm was observed



Spodoptera frugiperda larvae recovered from fodder maize crop

PUNJAB

Reporting Centre: PAU, Ludhiana

Crop: Wheat

Site details: Amritsar, Bathinda, Ludhiana, Mansa, Muktsar, Fazilka, Ferozepur, Patiala, Sangrur districts

Pest Status:

Insects: nil

Crop: Mustard

Site details: Amritsar, Bathinda, Ludhiana, Mansa, Muktsar, Fazilka, Ferozepur, Patiala, Sangrur districts

Pest Status:

Insects: nil

Crop: Chickpea

Site details: Amritsar, Bathinda, Fazilka, Ferozepur, Muktsar, Sangrur districts

Pest Status:

Insects: nil

TELANGANA

Reporting Centre: PJTSAU, Hyderabad

Site details: Rajendra Nagar

Crop	Pest	Severity (Low/moderate/severe incidence)
Rice	Yellow stem borer	Moderate
	<i>Mythimna separata</i>	Moderate to severe
	Gall midge	Severe
Cotton	Pink bollworm	Severe

Maize	Stem borer	Low
	FAW	Severe
Chilli	Thrips	Severe
Tomato	Hoppers	Moderate
	Serpentine leaf miner	Moderate
	Pinworm	Low
Cabbage, Cauliflower and Broccoli	Aphids	Moderate
	DBM	Severe
Beans	Aphids	Moderate
Groundnut	<i>Spodoptera litura</i>	moderate
	Leafhoppers	Severe
Gourds	Leafhoppers	Moderate
	Aphids	Moderate
	Fruit flies	severe
Green gram, Bengal gram	Whiteflies <i>Maruca</i>	Moderate to severe
Chickpea	<i>Helicoverpa armigera</i>	Moderate
Oilpalm, sapota, banana, coconut fruit trees	Rugose spiraling whitefly	Low

WEST BENGAL

Reporting Centre: UBKV, Pundibari

Crop: Cabbage, Potato, Bottle gourd and Brinjal

Site details: Khagribari (26°27'50" N 89°21'24" E), Sajherpar Ghoramara (26°24'44" N 89°21'14" E), Ghagherkuthi (26°15'50" N 89°23'47" E), Rashidanga Dwitia Khanda (26°15'19" N 89°24'29" E) villages in Coochbehar district

Variety: Local /desi type

Pest Status:

Insects: Moderate incidence of aphid was reported from the above crops.



Aphids' infestation in potato and cabbage crop