

CROP PEST OUTBREAK REPORT

MARCH 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

March 2021

ANDHRA PRADESH

Reporting Centre: H.R.S., Ambajipeta

Crop: Coconut

Site details: *Ambajipeta (160 36'04" N 810 56'40" E), Thetagunta (17018'18.80482" E 82026'28.83166)" villages in East Godavari district; Borivanka village (18098'5431" E 84066'3697") in Srikakulam District; Dharamvaram Agraharam village (N 17041'3716" E 82072'2206") in Visakhapatnam District; Munzerru Village in Vizianagaram District

Variety: East Coast Tall, Hybrids and Dwarf gangabondam

Crop stage: 5-40 Years old in 50 ha.

Pest Status:

Insects: *Moderate to severe infestation by Bondars nesting whitefly was witnessed, Low incidence of RSW was recored in rest of the places

Natural enemies recorded: *Pseudomallda astur*, spiders, *Encarsia* sp.



RSW infestation on coconut leaves

GUJARAT

Reporting Centre: AAU, Anand

Crop	Groundnut	Green gram	Sorghum	Groundnut	Aonla	Chilli	Okra	Bottle gourd
Site details	AAU, Anand							
Variety	GG 34	GAM 5	-	-	-	-	-	-
Age of crop (DAT/DAS)	65-70	40-45	50-55	55-60	-	160-170	70-80	55-60
Area cultivated (ha)	0.2	0.3	0.5	0.45	-	0.2	0.2	0.4
Insect pests & % infestation	Aphid (10-12%)	Jassid & Thrips (5-6%)	Stem borer (8-9%)	--	Gall forming caterpillar (4-5%)	-	Fruit and Shoot borer (10-15%)	Leaf Miner (15-20%)
Disease & % incidence	-	-	-	-	-	Leaf curl (8-10%)	Yellow vein Mosaic (2-4%)	-
Natural enemies recorded	Syrphid fly	--	--	--	<i>Cotesia</i> spp.	-	--	-

KERALA

Reporting Centre: RARS, Kumarakom

Crop: Papaya

Site details: Kangazha village in Kottayam District

Variety: Red Lady in 50 cents

Crop stage: 6 months

Pest Status:

Insects: nil

Crop: Jack

Site details: Mevada village in Kottayam District

Variety: Vietnam Super Early

Crop stage: 2 years old

Pest Status:

Bacterial disease incidence was witnessed

Reporting Centre: KAU Vellayani

Crop: Mango

Site details: Pathiyoor village in Alapuzha District

Variety: -

Crop stage: 8 Years old

Pest Status:

Insects: Severe incidence of bagworm was observed.

Disease: Colletotrichum fruit rot as a secondary infection due to bagworm incidence was reported



Bagworm infestation in mangoes

TELANGANA

Reporting Centre: PJTSAU, Hyderabad

Site details: Rajendra Nagar

Crop	Pest	Severity (Low/moderate/severe incidence)
Rice	Yellow stem borer	Moderate
Maize	Stem borer	Low
	FAW	Low
Chili	Thrips	Severe
	Mites	severe
Tomato	Hoppers	Moderate
	Serpentine leaf miner	Moderate
	Pinworm	Moderate to severe
Gourds	Leaf hoppers	Moderate
	Aphids	Moderate
	Fruit flies	Severe