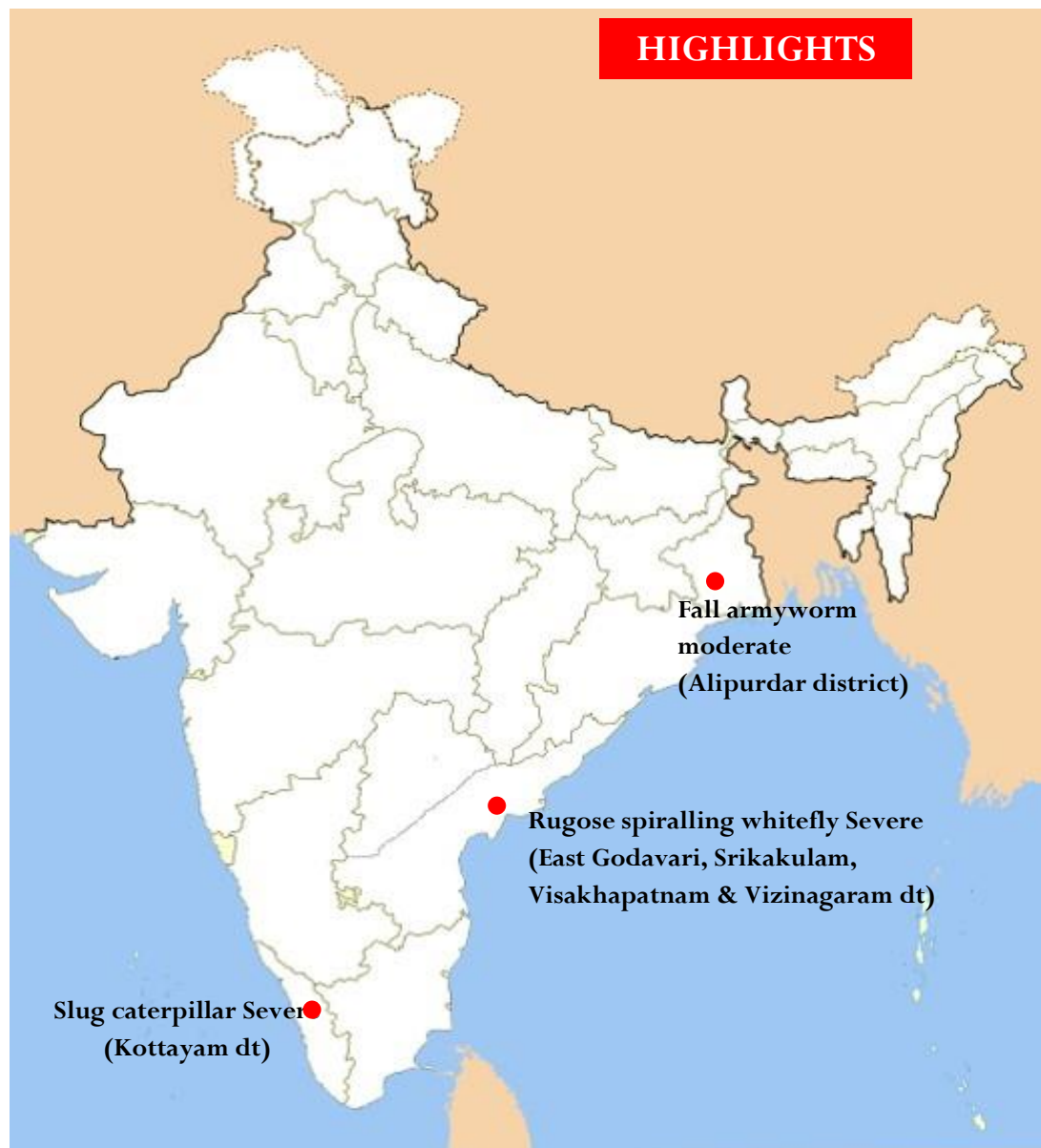


CROP PEST OUTBREAK REPORT

DECEMBER 2019



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

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CROP PEST OUTBREAK REPORT

DECEMBER 2019

ANDHRA PRADESH

Reporting Centre: HRS, Ambajipeta

Crop: Coconut

Site details: Srungavruksham (17023'84" N; 82046'66" E) at Thondangi mandal in East Godavari district

Killam (EL 180 11' 19"; NL 83041'30") in Laveru Mandal, Borivanka (EL 180 59' 2"; NL 840 40' 0"), Jagathi (EL 180 33' 53"; NL 830 95' 92"), Kothuru (EL 190 00'42 "; NL 840 68' 56") in Kaviti mandal, Makarampuram (EL 180 59' 45"; NL 840 36' 40") in Kanchili Mandal of Srikakulam district.

Aratlakatla, Payakaraopeta (EL 17035'43"; NL 82057'26"), Chinnatenarla, Nakkapalli (EL 18007'94"; NL 83065'57") in Payakaraopeta, Nakkapalli mandal of Visakhapatnam district.

Chintapalle (EL 18008'00"; NL 83065'63"), Govindapuram (EL 18010'58"; NL 83056'51") in Pusapatirega Mandal of Vizinagaram district.

Variety grown: East Coast Tall

Crop Stage: 15-30 years **Area:**200-500 acres

Pest Status:

Insects: Moderate to Severe infestation of Rugose spiraling whitefly was observed.



Severe Rugose spiraling whitefly damage

TELANGANA

Reporting Centre: NIPHM, Hyderabad

Crop: Tomato and Chilli*

Site details Chevella & NIPHM farm, Rajendranagar in Hyderabad

* Sorghum, Safflower, Maize (as border crop)

Variety grown: Hybrid 999

Crop Stage: 45-65 DAS **Area:** 0.2 to 1 ha

Previous crop grown: Maize

Pest Status:

Insects: Moderate infestation of fall army worm in Sorghum & Maize, aphids in safflower, thrips in chilli and tomato and serpentine leaf miner in tomato was observed.

Natural enemy occurrence: Coccinellid beetle

GUJARAT

Reporting Centre: AAU, Anand

Crop: Maize

Site details: Kothavi (22°30'18"N; 72°43'15"E), Runaj in Sojitra taluk at Anand district

AAU, Campus at Anand district

Variety grown: Desi fodder (Kothavi & Runaj); GAYMH 1(AAU Campus)

Crop Stage: 40 DAS **Area:** 0.5 ha

Pest Status:

Insects: Moderate infestation of fall armyworm, *Spodoptera frugiperda* was observed.

Natural enemy occurrence: Syrphid fly, Lady bird beetle

Crop: Cotton

Site details: Karena (21°57'20"N; 73°4'8"E) in Amod taluk at Bharuch district

Variety grown: Bt Cotton

Crop Stage: 75 DAS **Area:** 1 ha

Pest Status:

Insects: Low infestation of Pink bollworm, thrips and jassids was observed.

Crop: Tomato

Site details: Runaj in Sojitra taluk at Anand district

Variety grown: Rishika F1 (CLXT0225)

Crop Stage: 25 DAT **Area:**1 ha

Pest Status:

Insects: Moderate infestation of *Helicoverpa armigera* was observed.

Site details: Tarapur (22°29'19"N; 72°40'19"E) in Tarapur taluk at Anand district

Variety grown: Hybrid

Crop Stage: 30 DAT **Area:**1.0 ha

Pest Status:

Insects: Moderate infestation of *Helicoverpa armigera* was observed.

Crop: Chilli

Site details: Runaj in Sojitra taluk at Anand district

Variety grown: Hybrid

Crop Stage: 25 DAT **Area:**0.5 ha

Pest Status:

Insects: Low infestation of thrips was observed.

Crop: Castor

Site details: Karena in Amod taluk at Bharuch district

Variety grown: Hybrid

Crop Stage: 55 DAS **Area:**1 ha

Pest Status:

Insects: Low infestation of capsule borer was observed.

KERALA

Reporting Centre: RARS, Kumarakom

Crop: Banana

Site details: Kaduthuruthy in Kottayam district

Varieties grown: Nendran

Crop Stage: 8 months

Pest Status:

Insects: Severe infestation of Slug caterpillar was observed.

Previous crop grown: Banana



Severe damage by Slug caterpillar

PUNJAB

Reporting Centre: PAU, Ludhiana

Crop: Wheat

Site details: Amritsar, Jalandhar, Ludhiana, Fatehgarh Sahib Ferozepur, Kapurthala, Patiala, Sangrur districts

Crop Stage: 55-60 days old

Previous crop grown in the area: Paddy, cotton

Pest Status:

Insects: Low to moderate infestation of *Sesamia inferens* was observed.

WEST BENGAL

Reporting Centre: UBKV, Pundibari

Crop: Maize

Site details: Salkumar (26°37'43"N 89°22'39"E) in Alipurdar block in Alipurdar district

Crop Stage: 50 DAS **Area:** 0.26 ha **Variety:** DKC 9081

Pest Status:

Insects: Moderate infestation of fall armyworm was observed.



Damage by fall armyworm

Crop: Cucumber

Site details: Madhupur (26°31'48" N 89°06'36" E) in Madhupur at Coochbehar II block in Coochbehar district

Crop Stage: 40 DAS **Area:** 0.39 ha

Pest Status:

Insects: Moderate infestation of whitefly was observed.



Damage by whitefly

