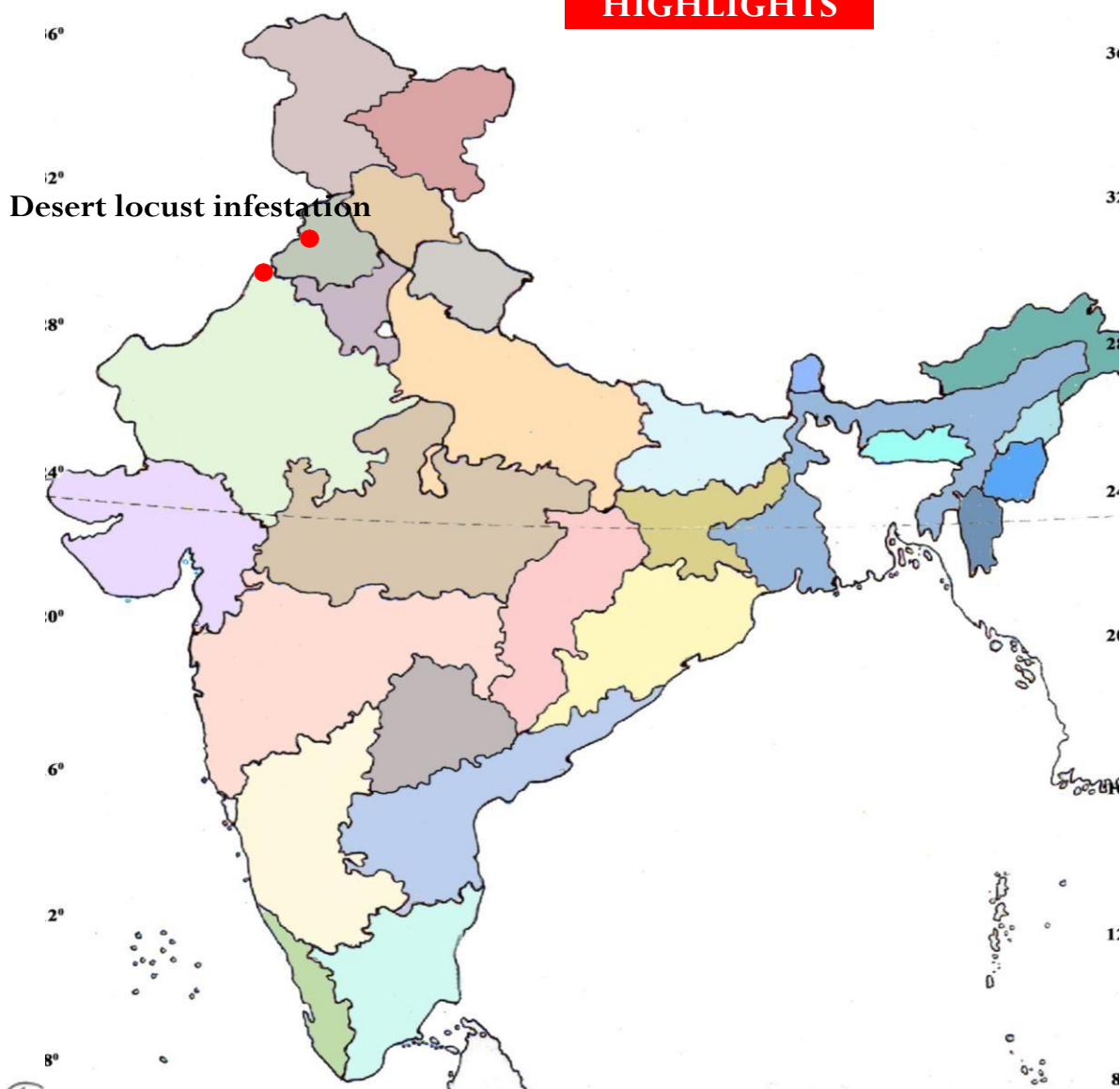


CROP PEST OUTBREAK REPORT

JANUARY 2020

HIGHLIGHTS



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

Compiled by: Drs. M. Sampath Kumar, U. Amala, G. Sivakumar and Chandish R Ballal

CROP PEST OUTBREAK REPORT

JANUARY 2020

ANDHRA PRADESH

Reporting Centre: HRS, Ambajipeta

Crop: COCONUT

Site details: Jangareddy gudem (Latitude 17.12, Longitude 81.29) and Adurru (Latitude 17.15, Longitude 81.74) Villages in Mammadivaram mandal of East Godavari district

Variety grown: East Coast Tall in 4.0 ha

Crop Stage: 6-40 years

Pest Status:

Diseases: *Lasiodiplodia* leaf blight (score 3-5) incidence was recorded

Jammu and Kashmir

Reporting Centre: SKUAST-Jammu

Crop: Chickpea

Site details: Samba, Sumb, Painthi villages at Samba district

Crop Stage: 60 – 70 DAS

Pest Status:

Insects: Low gram pod borer damage was reported

Diseases: Wilt (15-20%) incidence was recorded

PUNJAB**Reporting Centre:** PAU, Ludhiana**Crop: Wheat****Site details:** Barnala, Bathinda, Ludhiana, Muktsar, Fazilka, Ferozepur, Patiala, Sangrur districts**Crop Stage:** 90-100 days old**Pest Status:****Insects:** Nil**Crop: Mustard****Site details:** Amritsar, Barnala, Gurdaspur, Jalandhar, Sangrur districts**Crop Stage:** 85-100 days old**Pest Status:****Insects:** Low desert locust infestation (10-15 Pre-mature adults/ acre) in isolated places of Fazilka district was reported**Crop: Chickpea****Site details:** Bathinda, Ludhiana, Fazilka, Ferozepur, Muktsar, Sangrur districts**Crop Stage:** 70-80 days old**Pest Status:****Insects:** Nil

Surveys on the locust incidence conducted during the month of January 2020, reported almost its negligible incidence in bordering districts of Punjab and Rajasthan. At all locations, the pest was under control, as the villagers being vigilant, scared away the pest by bursting crackers, beating drums, etc. However, with rise in temperature it may again invade border areas of Rajasthan and Punjab in the coming months, requires continuous monitoring.

GUJARAT

Reporting Centre: AAU, Anand

Crop: Wheat

Site details: Amlavadi (21°35'37"N;73°29'28"E) village in Dediypada taluk of Narmada district

Crop Stage: 30 DAS

Pest Status:

Insects: Low armyworm infestation was observed

Crop: Cotton +Pigeon pea+Indian bean as Mixed Farming

Site details: Amlavadi (21°35'37"N;73°29'28"E) village in Dediypada taluk of Narmada district

Pest Status:

Insects: Moderate incidence of the following insect pests, *H. armigera*, pink bollworm, aphid, jassid were recorded

Crop: Maize

Site details: Dalpura village in Umreth taluk of Anand district; AAU Campus

Variety grown: GAYMH -1 in 0.5 ha, fodder Maize in 0.5 ha

Crop Stage: 45-60 DAS

Pest Status:

Insects: Low to moderate infestation of fall armyworm, *Spodoptera frugiperda* was observed

Crop: Sorghum

Site details: Amlavadi (21°35'37"N;73°29'28"E) village in Dediypada taluk of Narmada district

Variety grown: Desi variety in 0.5 ha

Crop Stage: 35 DAS

Pest Status:

Insects: Low infestation of stem borer was observed

Crop: Chickpea

Site details: Amlavadi (21°35'37"N;73°29'28"E) village in Dediypada taluk of Narmada district

Crop Stage: 25 DAS

Pest Status: Low damage by gram pod borer was observed

Crop: Pigeon pea

Site details: Amlavadi (21°35'37"N;73°29'28"E) village in Dediypada taluk of Narmada district

Variety grown: Hybrid

Crop Stage: 40 DAS

Pest Status: Low damage by pod borer- *H. armigera* was observed

Crop: Mustard

Site details: AAU campus

Variety grown: GAM-1 in 0.5 ha

Crop Stage: 45 DAS

Pest Status: Low infestation of aphid was recorded

Crop: Okra

Site details: Untkhari village in Umreth taluk of Anand district

Variety grown: Hybrid

Crop Stage: 35 DAS

Pest Status: Low infestation of fruit borer *H. armigera* was recorded

Crop: Mango

Site details: Hiranvel village in Talala-Gir taluk of Girsomnath district

Variety grown: Kesar

Pest Status: Low infestation of hopper was observed

West Bengal

Reporting Centre: UBKV, Pundibari

Crop: Okra

Site details: Hoglabari (26°21'59" N 89°28'59" E) village in Coochbehar II of Coochbehar District

Varieties grown: MAHY 55 in 0. 40 ha

Pest Status: 50 DAS

Insects: Moderate infestation of aphid was observed



Aphids on okra Leaves

Crop: Maize

Site details: Hoglabari (26°21'59" N 89°28'59" E) village in Coochbehar II of Coochbehar District

Varieties grown:

Pest Status: 40 DAS

Insects: Nil