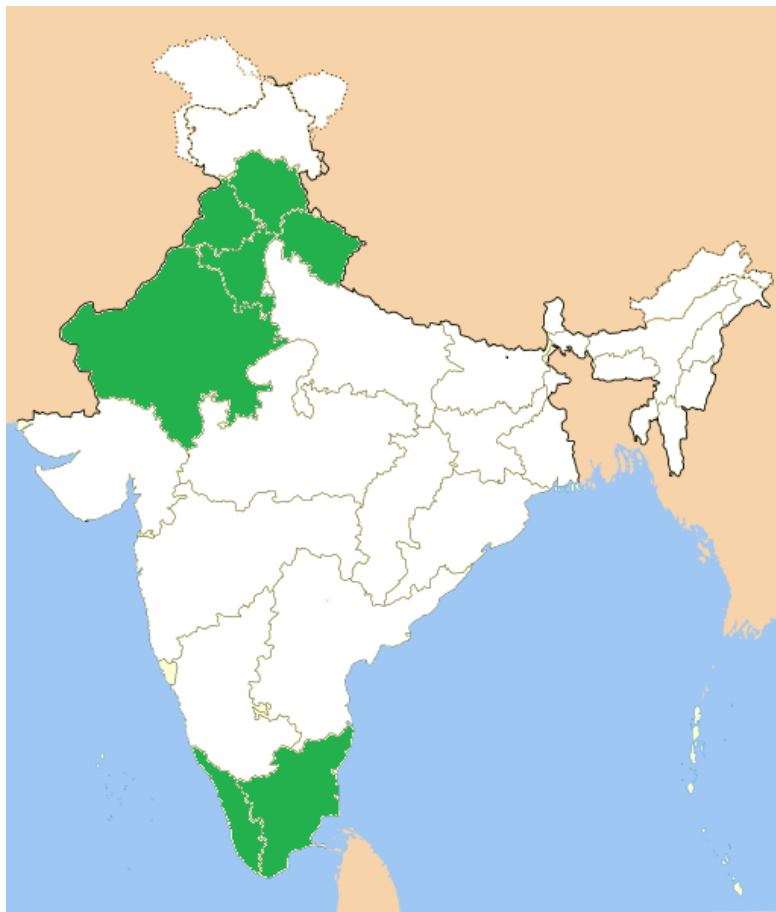


# PEST SURVEY REPORTS

**1-15 September 2019**



**All India Coordinated Rice Improvement  
Project Entomology  
ICAR-IIRR, Hyderabad**

■ Reporting state

# PEST SURVEY REPORTS

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## Haryana

**1. Reporting AICRP Centre:** Kaul.

**Area covered:** Village: Kaul and Sakra District: Kaithal: Village: Nigdhu,  
District: Karnal

**Varieties grown:** CSR 30, PB 1121, PB 1509, Sawa 27

**Pest Status:** Low incidence of yellow stem borer (1-3 % dead hearts), leaf folder (2-3% leaf damage), whorl maggot (1% leaf damage), BPH and WBPH (2-4 nymphs/adults per hill).

**Other observations:** Sheath blight

## Himachal Pradesh

**Reporting AICRP Centre:** Malan

**Area covered:**

S. No	Place	Altitude (m)	GPS Coordinates	Pest Reaction
1	Jia	1266	N 32 09.188 E 076.27.063	Specific site: Dadh and Jia of Bhawarna Block of Kangra district & Senwala and Bhedewala of Poanta Block of Sirmaur district of Himachal Pradesh.
2	Senwala	447	N 30.49.9756 E 77.47.7884	

**Varieties Grown:** Jheeni, Hybrids, Basmati Pusa 1121 and 1508 and local Parmal

**Crop Stage:** Reproductive stage

**Pest Status:** In Jia paddy fields (varieties 2143, Jheeni and Parmal local, Raja & other hybrids ) were severely affected by rice hispa & white stem borer recorded from this area. In Senwala Hopper burn seen in few areas due to BPH & Yellow stem borer recorded from the area. Leaf folder, Chaffer beetles and whorl maggot were reported as minor pests while rice hispa. BPH/WBPH and white stem borer from Kangra district and yellow stem borer from Sirmaur district were recorded.

**Other observations:** Rice blast disease was noticed in a few fields.



**Hispa infestation at Malan**

## Gujarat

**Reporting AICRP Centre:** Nawagam

**Area covered:** Distt: Kheda, Village: Maragiyavasna, Mahij and Kanij District: Ahmedabad Taluka: Daskroi Village: Bhoipura and Badodra

**Varieties Grown:** GR 101, GAR-13, GAR 14, Mahisagar, Gurjari, Punjab S, Nathpauva *etc.*

**Crop Stage:** 50-70 DAT

**Pest Status:** Low incidence of leaf folder.

**Other observations:** Sheath blight



## Leaf folder Damage at Nawagam

### Kerala

**Reporting AICRP Centre:** Pattambi

**Area covered: District:** Nagalessery (Chalissery), Kannambara (Palakkad), Chittur (Pattenchery), Malamuphuza (Polpully) Blocks

**Varieties Grown:** Uma, Mahamaya, Siagppai, Jaya

**Pest Status:** Severe incidence of BPH (50%)

**Other observations:** BLB (25%), Brown spot (10%) Neck Blast (2.5%), False smut (2.5%)



**Hopper burn by BPH infestation in Polpully (Mahamaya variety)**



**Hopper burn by BPH in Pattenchery (Sigappai Variety)**



## Punjab

**Reporting AICRP Centre:** Ludhiana

Village/ District	Variety	SB damage ( % DH)	LF damage (% damaged leaves)	Plant hopper (No./hill)
DalanPur/ Patiala	Pusa Bas 1121	0-1	0-3	0-3
Kalar Bhani/ Patiala	Pusa Bas 1637	0-1	0-2	0-4
Rohera/ Ludhiana	Pusa44	0-2	0-2	4-5
KupKalan/ Sangrur	Pusa44	0-1	2-3	4-5
Bhogiwal/ Sangrur	Pusa Bas 1509	0-1	2-3	0-4
Pasor/ Sangrur	Pusa44	0-1	3-4	3-4
Bhadal Waad/ Sangrur	Pusa44	0-1	2-5	4-5
Bhalwan/ Sangrur	Pusa 44	0-2	2-3	2-3
Galwati/ Patiala	Pusa44	0-2	0-2	3-4
NihaluWal/ Barnala	Pusa44212	0-1	0-3	4-6
Wazie kekalan/Barnala	Pusa44; Pusa Bas 1121	0-2	3-5	4-5
Bhurj Lattan/Ludhiana	Pusa Bas 1121; Pusa1509	0-2	0-1	3-5
Jagraon/ Ludhiana	Pusa44	0-3	2-5	4-5
Raikot/ Ludhiana	Pusa44	0-2	3-5	2-4
Handian/ Barnala	Pusa1718	0-2	0-3	4-6
Jaituke/ Bathinda	Pusa44	0-2	0-2	3-5
Jainwnd/ Bathinda	PR122	0-3	2-4	0-3
Lehra Mohabat/ Bathinda	PR122	0-3	0-4	4-6

**Pest Status:** Leaf folder: Due to intermittent rainfall started from End June to Early September, the leaf damage was below ETL level of 10% damaged leaves in most part of the state.

Stem borer: Due to intermittent rainfall, damage was higher than last years in PAU observation plots but at farmers field except few telephone calls the dead heart damage was below ETL level of 5% dead hearts in paddy.



Plant hopper: BPH was observed in last week of August and now in low population randomly distributed in farmer's fields the small hopper burn by BPH was reported from Balbera village on Variety Pusa44 in Patiala Dist.

In general, farmers are use preventive application of insecticides for leaf folder and BPH management in the booting to early panicle bearing stage of the crop with one fungicide in each application.

**Other observations:** Nil

## **Pondicherry**

**Reporting AICRP Centre:** Karaikal

**Area covered:** Sorakudy

**Varieties grown:** CR 1009

**Crop Stage:** 95 DAS

**Pest Status:** Moderate incidence of stem borer; white ear (13 %) in the main field of CR 1009

**Other observations:** Nil

## **Tamil Nadu**

**Reporting AICRP Centre:** Aduthurai

**Area covered:** Thiruvudaimaruthur, Thanjavur, Nagapattinam

**Varieties grown:** ADT 53.

**Crop Stage:** Tillering

**Pest Status:** Low incidence of black bug.

**Other observations:** Nil

## Uttar Pradesh

**Reporting AICRP Centre: Pantnagar**

Area Covered	Variety	Crop Stage	Pest Status
District: UdhamSingh Nagar.			
Block: Dineshpur Village: Durgapur No-1	PR 121	52-55 DAT	Moderate infestation of Yellow stem borer and slight population of BPH (1-3 hopper/hill).
Block: Bazpur Village; Maholi Jangal	HKR 47	58-60 DAT	Moderate infestation of Yellow Stem Borer
Block: Bazpur Village; Barhaini	PR 121	64-65 DAT	Low infestation of Stem borer and BPH (3-4 hopper/hill)
Block: Bazpur Village; Shivpuri	HKR 47		Moderate infestation of Yellow stem borer and low incidence of BPH
Block: Bazpur Village; Khambari	PR 126	52-55 DAT	Moderate infestation of Yellow Stem Borer
Block: Bazpur Village; Renta	HKR 47	70-72 DAT	Moderate infestation of Yellow Stem Borer
Village : Lalpuri Block: Gadarpur	HKR 47, PR 126	45-48 DAT	Low infestation of Stem borer
Village : Santosh Nagar Block: Gadarpur	HKR 47	60-62 DAT	Moderate infestation of Yellow stem borer and low population of BPH
District: Nainital			
Village : Nayagaon Block: Kaladungi	PR 113	60-65 DAT	Moderate infestation of Yellow stem borer
Village : Bailpadav Block: Ramnagar	Narendra 359 HKR 47	60-65 DAT	Moderate infestation of Yellow stem borer
Village : Kamola Block: Kaladungi	VL Dhan 85	60-65 DAT	Moderate infestation of Stem borer and Low population of BPH
Village : Ginti gaon Block: Kotabagh	Govind	60 DAT	Slight infestation of Yellow stem borer
Village : Dhamola Block: Kaladungi	HKR 47	45-50 DAT	Moderate infestation of Yellow stem borer