

# PEST SITUATION REPORT OF GRAM CROP IN PUNJAB FOR 1<sup>ST</sup> WEEK OF APRIL, 2019

## OBSERVATION

- 1. TOTAL SPOTS VISITED:** Total 144 spots of Gram fields comprising area of 1126.08 acres in 9 districts were surveyed for pests. (Table I).
- 2. POD BORER:** Total 3.5% spots of Pod Borer above Economic threshold Level (ETL) have been observed in Punjab in district Bhakkar (13.2% spots) & Total 15.3% spots below ETL have been observed in Punjab in district Mianwali (20.0% spots), Khushab (4.2% spots), Bhakkar (31.6% spots), Layyah (30.8% spots) and Bahawalnagar (27.3% spots) only.
- 3. APHID:** Total 8.3% spots of Aphid below ETL have been observed in Punjab and in district Bhakkar (31.6% spots) only.
- 4. TERMITE:** Total 6.3% spots infestation below ETL has been observed in districts Mianwali (10.0% spots), Khushab (25.0% spots) and Bahawalnagar (18.2% spots) only.
- 5. BLIGHT:** Total 1.4% spots of Blight attack were observed in Punjab and in district Chakwal (16.7% spots) only.
- 6. WILT:** Total 9.7% spots of Wilt attack were observed in Punjab and in district Khushab (20.8% spots), Jhang (14.3% spots), Muzaffargarh (33.3% spots) and Layyah (23.1% spots) only.
- 7. Root Rot:** Total 0.7% spots of Root Rot attack were observed in Punjab and in district Attock (50.0% spots) only.

## RECOMMENDATIONS:

- 1.** Irrigate the field to suppress the infestation of termites.
- 2.** Control Pod Borer with the spray of spinosad 240 SC @ 40ml/ acre, Indoxacarb 150 SC @ 175ml/ acre or emamectin benzoate 1.9 EC @ 200ml/acre.
- 3.** Treat aphid infested spots with pressurized water.

- 4.** Uproot and burn the plants affected with disease to check its spread.
- 5.** Apply pesticides after reading instructions given on label regarding Pre-Harvest Interval (PHI) and frequency of application.

## PEST SITUATION REPORT OF WHEAT CROP IN PUNJAB FOR 1<sup>ST</sup> WEEK OF APRIL, 2019

### OBSERVATIONS

**1. Total Spots Visited:** Total 4714 spots of wheat fields comprising area of 32076.2 acres in 36 districts were surveyed for pests. (Table I).

**2. Aphid:** Its infestation has been observed on 0.36% spots above Economic Threshold Level (ETL) in Punjab in districts mentioned below:-

Sr#	District	Sr#	District
1	M.Garh (0.39% spots)	3	Layyah (5.04% spots)
2	Bhakkar (5.08% spots)	4	Rawalpindi (8.45% spots)

Its infestation has been observed on 30.53% spots below ETL overall in Punjab.

**3. Smut:** Its infection (0.40% spots) has been observed in the Punjab in districts mentioned below:-

Sr#	District	Sr#	District
1	Jhang (1.27% spots)	3	Chakwal (24.00% spots)
2	Bhakkar (6.78% spots)		

**4. Brown Rust:** Its infection (0.13% spots) has been observed in the Punjab in districts mentioned below:-

Sr#	District	Sr#	District
1	Lahore (3.70% spots)	3	Khushab (4.44% spots)
2	Bahawalnagar (0.50% spots)		

**5. Yellow Rust:** Its infection (23.97% spots) has been observed in overall the Punjab.

### RECOMMENDATIONS

1. Treat aphid infested spots with pressurized water.
2. Install chrysoperla cornea cards to control wheat aphid.
3. Spray suitable fungicide in case of severe infection of Rust and Smut.