

| SUMMARY OF GRAM CROP FOR 1ST WEEK OF JANUARY ,2021 | | | | | | | | | | | | | | | | | | |
|--|---------------------|-----------------------|-----------------------|---------------|------------|--------------|------------|------------|------------|------------|------------|--------------|------------|------------|---------------------|------------|-------------|-----------------|
| District | Total Spots Visited | Area Surveyed (Acres) | Area Affected (Acres) | Insect Pest % | | | | | | | | | | | Disease Incidence % | | | |
| | | | | Above ETL | | | | | | Below ETL | | | | | Blight | Wilt | Root Rot | Botrytis Blight |
| | | | | Pod Borer | Aphid | Grass hopper | Cut worm | Armyworm | Termite | Pod Borer | Aphid | Grass hopper | Cut worm | Termite | | | | |
| Mianwali | 14 | 65 | 39 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 50.0 | 0.0 | 42.9 | 0.0 | 0.0 |
| Khushab | 18 | 15 | 36 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 38.9 | 0.0 | 11.1 | 0.0 | 0.0 |
| Bhakkar | 61 | 333 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.0 | 0.0 | 0.0 | 14.8 | 0.0 | 0.0 | 0.0 |
| Jhang | 21 | 84 | 12 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | 0.0 | 0.0 |
| Chakwal | 7 | 11 | 1 | 14.3 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | 14.3 | 0.0 | 0.0 |
| Attock | 1 | 2.2 | 0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Muzaffargarh | 7 | 59 | 20 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | 0.0 | 0.0 | 0.0 | 0.0 |
| Layyah | 19 | 267 | 110 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.3 | 0.0 | 0.0 | 0.0 | 31.6 | 0.0 | 21.1 | 0.0 |
| Total | 148 | 835.7 | 239.375 | 0.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.4 | 0.0 | 0.0 | 0.0 | 20.9 | 1.4 | 12.8 | 0.0 |

OBSERVATION

- Total 148 spots of Gram fields comprising area of 835.7 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 0.7% spots in all over Punjab and specifically in districts Chakwal (14.3 % spots) & infestation below ETL has been observed on 1.4% spots in districts Bhakkar (1.6% spots) and Layyah (5.3% spots).
- Termite** infestation below ETL has been observed on 20.9% spots in districts Mianwali (50.0% spots), Khushab (38.9% spots), Bhakkar (14.8% spots), Muzaffargarh (28.6%) and Layyah (31.6% spots).
- Total 1.4% spots of **Blight** attack were observed in district Chakwal.
- Total 12.8% spots of **Wilt** attack were observed in district Mianwali, Khushab, Jhang, chakwal and Layyah.

RECOMMENDATIONS.

- Irrigate the field to suppress the infestation of termites.
- Control Pod Borer with the spray of spinosad 240 SC @ 100ml/ acre or emamectin benzoate 1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.