

| SUMMARY OF GRAM CROP FOR 4TH WEEK OF DECEMBER ,2019 | | | | | | | | | | | | | | | | | | |
|---|---------------------|-----------------------|-----------------------|---------------|------------|--------------|------------|------------|------------|------------|------------|--------------|------------|-------------|---------------------|------------|------------|-----------------|
| 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 | 10 | 23 | 7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 20.0 | 0.0 | 20.0 | 0.0 | 0.0 |
| Khushab | 15 | 32 | 10 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.3 | 0.0 | 20.0 | 0.0 | 0.0 |
| Bhakkar | 79 | 393 | 71 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Chakwal | 14 | 15 | 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 |
| Bahawalnagar | 17 | 271 | 26 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 11.8 | 0.0 | 11.8 | 0.0 | 0.0 |
| Muzaffargarh | 5 | 45 | 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 |
| Layyah | 21 | 308 | 76 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 19.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total | 161 | 1087 | 190 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.6 | 15.5 | 0.0 | 4.3 | 0.0 | 0.0 |

OBSERVATION

- Total 161 spots of Gram fields comprising area of 1087 acres in 7 districts were surveyed for pests..
- Termite** infestation below ETL has been observed on 15.5% spots in districts Mianwali (20.0% spots), Khushab (13.3% spots), Bhakkar (19.0% spots), Bahawalnagar (11.8% spots) and Layyah (19.0% spots).
- Cutworm** infestation below ETL has been observed on 0.6% spots in district Bahawalnagar (5.9% spots).
- Total 4.3% spots of **Wilt** attack were observed in district Mianwali (20.0% spots), Khushab (20.0% spots) and Bahawalnagar (11.8% spots).

RECOMMENDATIONS.

- Irrigate the field to suppress the infestation of termites.
- Uproot and burn the plants affected with disease to minimize further spread of the problem.