

| SUMMARY OF GRAM CROP FOR 1ST WEEK OF FEBRUARY ,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 | Army worm | Termite | Pod Borer | Aphid | Grass hopper | Cut worm | Army worm | Termite | | | | |
| Mianwali | 16 | 55 | 38 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 43.8 | 0.0 | 50.0 | 0.0 | 0.0 |
| Khushab | 21 | 71 | 41 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 52.4 | 0.0 | 19.0 | 0.0 | 0.0 |
| Bhakkar | 66 | 430 | 99 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 16.7 | 0.0 | 6.1 | 0.0 | 0.0 |
| Jhang | 22 | 120 | 32 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 31.8 | 0.0 | 0.0 | 0.0 | 0.0 |
| Chakwal | 2 | 3 | 0.125 | 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 | 50.0 | 0.0 | 0.0 |
| Attock | 1 | 1.2 | 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 | 0.0 |
| Bahawalnagar | 13 | 187 | 21 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 | 0.0 | 0.0 | 0.0 | 23.1 | 0.0 | 15.4 | 0.0 | 0.0 |
| Muzaffargarh | 5 | 41 | 26 | 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 | 40.0 | 0.0 | 0.0 |
| Layyah | 19 | 249 | 122 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 15.8 | 0.0 | 0.0 | 0.0 | 21.1 | 0.0 | 36.8 | 0.0 | 0.0 |
| Total | 165 | 1157.20 | 379.125 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.6 | 0.0 | 0.0 | 0.0 | 0.0 | 26.1 | 0.0 | 17.0 | 0.0 |

OBSERVATION

1. Total 165 spots of Gram fields comprising area of 1157.20 acres in 9 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 3.6% spots in districts Bahawalnagar (23.1% spots) and Layyah (15.8% spots).
3. **Termite** infestation below ETL has been observed on 26.1% spots in districts Mianwali (43.8% spots), Khushab (52.4% spots), Bhakkar (16.7% spots), Jhang (31.8% spots), Bahawalnagar (23.1%) and Layyah (21.1% spots).
4. Total 17.0% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Chakwal, Bahawalnagar, M.Garh and Layyah.

RECOMMENDATIONS.

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