

SUMMARY OF GRAM CROP FOR 4TH WEEK OF DECEMBER ,2021

District	Total Spots Visited	Area Surveyed (Acres)	Area Affected (Acres)	Insect Pest (Spots)												Disease Incidence (Spots)			
				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	10	35	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00
Khushab	10	229	45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00
Bhakkar	58	187	22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.34	0.00	6.90	0.00	0.00
Jhang	27	110	34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.52	0.00	22.22	0.00	0.00
Chakwal	5	5.5	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Bahawalnagar	18	175	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.67	0.00	5.56	0.00	0.00
Muzaffar Garh	5	30	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Layyah	21	227	178	0.00	0.00	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00	0.00	38.10	0.00	33.33	0.00	0.00
Total	154	998.5	305	0.00	0.00	0.00	0.00	0.00	0.00	1.19	0.00	0.00	0.00	0.00	14.20	0.00	11.00	0.00	0.00

OBSERVATION

1. Total 154 spots of Gram fields comprising area of 998.5 acres in 8 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 1.19% spots in districts Layyah (9.52% spots).
3. **Termite** infestation below ETL has been observed on 14.20% spots in districts Khushab (30.0% spots), Bhakkar (10.34% spots), Jhang (18.50% spots), Bahawalnagar (16.6%) and Layyah (38.1% spots).
4. Total 11.0% spots of **Wilt** attack were observed in district Mianwali, Bhakkar, Jhang, Bahawalnagar 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.