

SUMMARY OF GRAM CROP FOR 4TH WEEK OF JANUARY ,2023

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	22	69	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.18	9.09	9.09	0.00	0.00
Khushab	32	371	64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.25	9.38	21.88	0.00	0.00
Bhakkar	36	145	36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	16.67	0.00	0.00
Jhang	17	125	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.65	0.00	5.88	0.00	0.00
Chakwal	6	15	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	16.67	0.00	0.00	0.00	0.00
Bahawalnagar	12	106	14	0.00	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	0.00	0.00	0.00
Muzaffargarh	8	84	18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	37.50	0.00	0.00	0.00	0.00
Layyah	14	61	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	35.71	0.00	0.00	0.00	0.00
Total	147	976	189	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.49	4.08	10.88	0.00	0.00

OBSERVATION

1. Total 147 spots of Gram fields comprising area of 976 acres in 08 districts were surveyed for pests..
2. **Termite** infestation below ETL has been observed on 24.49% spots in districts Mianwali (18.18% spots), Khushab (31.25% spots), Bhakkar (25.00% spots), Jhang (17.65% Spots) Bahawalnagar (16.67% spots), Muzaffar garh (37.50% spots) and Layyah (35.71% spots).
3. Total 4.08% spots of **Blight** attack were observed in district Mianwali, Khushab and Chakwal.
4. Total 10.88% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar and Jhang.

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 benzoate1.9 EC @ 200ml/acre.
3. Uproot and burn the plants affected with disease to check its spread.