

SUMMARY OF GRAM CROP FOR 1ST WEEK OF FEBRUARY ,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	21	53	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.81	9.52	14.29	0.00	0.00
Khushab	12	43	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	41.67	8.33	25.00	0.00	0.00
Bhakkar	49	253	102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.41	0.00	22.45	0.00	0.00
Jhang	15	91	13	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	26.67	0.00	0.00
Chakwal	2	0.38	0.13	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	50.00	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	5	67	30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00
Layyah	14	117	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	21.43	0.00	0.00	0.00	0.00
Total	130	730.38	232.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.08	3.08	16.15	0.00	0.00

OBSERVATION

- Total 130 spots of Gram fields comprising area of 730.38 acres in 08 districts were surveyed for pests..
- Termite** infestation below ETL has been observed on 23.08% spots in districts Mianwali (23.81% spots), Khushab (41.67% spots), Bhakkar (20.41% spots), Jhang (20.00% Spots) Bahawalnagar (16.67% spots), Muzaffar garh (40.00% spots) and Layyah (21.43% spots).
- Total 3.08% spots of **Blight** attack were observed in district Mianwali, Khushab and Chakwal.
- Total 16.15% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar and Jhang.

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.