

SUMMARY OF GRAM CROP FOR 4TH WEEK OF JANUARY ,2024

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	56	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.52	0.00	9.52	0.00	0.00
Khushab	15	177	49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	20.00	0.00	0.00
Bhakkar	40	151	46	0.00	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	27.50	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	7	8.6	0.125	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	14.29	0.00	0.00
Bahawalnagar	15	94	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.00	0.00
Muzaffargarh	4	4	4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00
Layyah	8	42	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	25.00	0.00	0.00	0.00	0.00
Total	125	623.6	152.125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.60	0.00	0.00	0.00	0.00	24.00	0.00	16.80	0.00	0.00

OBSERVATION

- Total 125 spots of Gram fields comprising area of 623.6 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 1.60% spots in district Bahawalnagar (13.33% Spots).
- Termite** infestation below ETL has been observed on 24.00% spots in districts Mianwali (9.52% Spots), Khushab (33.33% Spots), Bhakkar (30.00% Spots), Jhang (20.00% spots), Bahawalnagar (13.33% spots), M.Garh (100.00% spots) and Layyah (25.00%).
- Total 16.80% spots of **Wilt** attack were observed in districts Mianwali, Khushab, Bhakkar, Jhang and Chakwal.

RECOMMENDATIONS.

- Irrigate the field to suppress the infestation of termites.
- Control Pod Borer with the spray of spinosad 240 SC @ 100ml/ acre or emamectin benzoate1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.