

SUMMARY OF GRAM CROP FOR 4TH WEEK OF DECEMBER ,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	28	71	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57	0.00	7.14	0.00	0.00
Khushab	13	203	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	30.77	0.00	15.38	0.00	0.00
Bhakkar	51	123	28	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	23.53	0.00	13.73	0.00
Jhang	20	81	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00
Chakwal	4	3.75	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	0.00
Bahawalnagar	17	134	19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.76	0.00	0.00	0.00	0.00	11.76	0.00	0.00	0.00	0.00
Muzaffargarh	4	6	3	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	25.00	0.00	0.00
Layyah	30	206	54	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	0.00	0.00	0.00
Total	167	827.75	136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00	0.00	12.57	7.19	2.99	4.19	0.00

OBSERVATION

- Total 167 spots of Gram fields comprising area of 827.75 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 1.20% spots in districts Bahawalnagar (11.76% Spots).
- Termite** infestation below ETL has been observed on 12.57% spots in districts Mianwali (3.57% Spots), Khushab (30.77% Spots), Jhang (15.00% Spots), Bahawalnagar (11.76% spots), M.Garh (50.00% spots) and Layyah (30.00%).
- Total 7.19% spots of **Blight** attack were observed in districts Bhakkar.
- Total 2.99% spots of **Wilt** attack were observed in districts Mianwali, Khushab and M.Garh.
- Total 4.19% spots of Root Rot attack were observed in districts Bhakkar.

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.