

SUMMARY OF GRAM CROP FOR 2ND 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	27	85	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	14.81	7.41	11.11	0.00	0.00
Khushab	19	243	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.58	10.53	15.79	0.00	0.00
Bhakkar	33	142	33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.21	0.00	21.21	0.00	0.00
Jhang	17	217	10	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	11.76	0.00	0.00
Chakwal	4	3.5	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00
Bahawalnagar	16	136	21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00
Muzaffargarh	13	59	22	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	0.00	0.00	0.00
Layyah	14	108	12	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	0.00	0.00
Total	143	993.50	175.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	0.00	0.00	0.00	0.00	19.58	4.20	10.49	0.00	0.00

OBSERVATION

- Total 143 spots of Gram fields comprising area of 993.50 acres in 08 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 1.40% spots in district Bahawalnagar (12.50% spots).
- Termite** infestation below ETL has been observed on 19.58% spots in districts Mianwali (14.81% spots), Khushab (31.58% spots), Bhakkar (21.21% spots), Jhang (17.65% Spots) Bahawalnagar (12.50% spots), Muzaffar garh (30.77% spots) and Layyah (14.29% spots).
- Total 4.20% spots of **Blight** attack were observed in district Mianwali, Khushab and Chakwal.
- Total 10.49% 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 benzoate1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.