

SUMMARY OF GRAM CROP FOR 4TH 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	22	66	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	22.73	4.55	9.09	0.00	0.00
Khushab	26	108	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	53.85	19.23	30.77	0.00	0.00
Bhakkar	34	98	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.59	0.00	17.65	0.00	0.00
Jhang	15	96	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	13.33	0.00	13.33	0.00	0.00
Chakwal	3	6	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	12	114	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	25.00	0.00	0.00	0.00	16.67	0.00	0.00	0.00	0.00
Muzaffargarh	5	35	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	80.00	0.00	20.00	0.00	0.00
Layyah	12	89	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	16.67	0.00	0.00	0.00	0.00
Total	129	612	177.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.33	2.33	0.00	0.00	0.00	27.91	4.65	14.73	0.00	0.00

OBSERVATION

- Total 129 spots of Gram fields comprising area of 612 acres in 08 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 2.33% spots in district Bahawalnagar (25.00% spots).
- Aphid** infestation below ETL has been observed on 2.33% spots in district Bahawalnagar (25.00% spots).
- Termite** infestation below ETL has been observed on 27.91% spots in districts Mianwali (22.73% spots), Khushab (53.85% spots), Bhakkar (20.59% spots), Jhang (13.33% Spots) Bahawalnagar (16.67% spots), Muzaffar garh (80.00% spots) and Layyah (16.67% spots).
- Total 4.65% spots of **Blight** attack were observed in district Mianwali and Khushab.
- Total 14.73% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Jhang and Muzaffargarh.

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.