

SUMMARY OF GRAM CROP FOR 4TH WEEK OF MARCH ,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	11	25	8	0.00	0.00	0.00	0.00	0.00	0.00	18.18	0.00	0.00	0.00	0.00	18.18	0.00	9.09	0.00	0.00
Khushab	22	129	58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	59.09	13.64	36.36	0.00	0.00
Bhakkar	34	161	45	0.00	0.00	0.00	0.00	0.00	0.00	26.47	0.00	0.00	0.00	0.00	20.59	17.65	14.71	0.00	0.00
Chakwal	2	1.5	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
Bahawalnagar	17	159	68	0.00	0.00	0.00	0.00	0.00	0.00	35.29	52.94	0.00	0.00	0.00	11.76	0.00	0.00	0.00	0.00
Muzaffargarh	8	16	16	0.00	0.00	0.00	0.00	0.00	0.00	100.00	37.50	12.50	62.50	0.00	37.50	0.00	62.50	0.00	0.00
Layyah	10	64	61	10.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.00	10.00	20.00	60.00	0.00	0.00
D.G.Khan	4	41	41	0.00	0.00	0.00	0.00	0.00	0.00	75.00	0.00	0.00	0.00	0.00	25.00	25.00	100.00	0.00	0.00
Total	108	596.5	297.00	0.93	0.00	0.00	0.00	0.00	0.00	31.48	11.11	0.93	4.63	0.00	26.85	11.11	26.85	0.00	0.00

OBSERVATION

- Total 108 spots of Gram fields comprising area of 596.5 acres in 08 districts were surveyed for pests..
- Pod Borer** infestation Above ETL has been observed on 0.93% spots in district Layyah (10.00% SPOTS) as well as infestation Below ETL has been observed on 31.48% spots in district Mianwali (18.18% spots), Bhakkar (26.47% spots), Bahawalnagar (35.29% spots) Muzaffargarh (100.0% spots), D.G.Khan (75.00% spots) and Layyah (60.00% spots).
- Aphid** infestation below ETL has been observed on 11.11% spots in district Bahawalnagar (52.94% spots) and Muzaffargarh (37.50% spots).
- Grass Hopper** infestation below ETL has been observed on 0.93% spots in district Muzaffargarh (12.50% spots).
- Cut Worm** infestation below ETL has been observed on 4.63% spots in district Muzaffargarh (62.50% spots).
- Termite** infestation Below ETL has been observed on 26.85% spots in districts Mianwali (18.18% spots), Khushab (59.09% spots), Bhakkar (20.59% spots), Bahawalnagar (11.76% spots), Muzaffargarh (37.50% spots), Layyah (10.00% spots) and D.G.Khan (25.00% spots).
- Total 11.11% spots of **Blight** attack were observed in district Khushab, Bhakkar, Layyah and D.G.khan.
- Total 26.85% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Muzaffargarh, Layyah and D.G.Khan.

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.