

SUMMARY OF GRAM CROP FOR 3RD 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	13	43	17	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00	0.00	0.00	0.00	23.08	7.69	7.69	0.00	0.00
Khushab	12	43	28	0.00	0.00	0.00	0.00	0.00	16.67	0.00	0.00	0.00	0.00	0.00	66.67	0.00	25.00	0.00	0.00
Bhakkar	35	178	39	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	25.71	11.43	20.00	0.00	0.00
Jhang	10	142	11	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	30.00	0.00	0.00
Chakwal	1	1	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00
Bahawalnagar	19	151	60	5.26	0.00	0.00	0.00	0.00	0.00	26.32	47.37	0.00	0.00	0.00	15.79	0.00	0.00	0.00	0.00
Muzaffargarh	7	13	13	0.00	0.00	0.00	0.00	0.00	0.00	100.00	28.57	0.00	28.57	0.00	28.57	0.00	57.14	0.00	0.00
Layyah	10	95	95	10.00	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.00	40.00	0.00	60.00	0.00	0.00
D.G.Khan	2	4	4	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	100.00	0.00	100.00	0.00	0.00
Total	109	670	267.13	1.83	0.00	0.00	0.00	0.00	1.83	25.69	10.09	0.00	1.83	0.00	28.44	5.50	23.85	0.00	0.00

OBSERVATION

- Total 109 spots of Gram fields comprising area of 670 acres in 09 districts were surveyed for pests..
- Pod Borer** infestation Above ETL has been observed on 1.83% spots in district Bahawalnagar (5.26% spots) Layyah (10.00% SPOTS) as well as infestation Below ETL has been observed on 25.69% spots in district Mianwali (15.38% spots), Bhakkar (20.00% spots), Bahawalnagar (26.32% spots) Muzaffargarh (100.0% spots), D.G.Khan (50.00% spots) and Layyah (60.00% spots).
- Aphid** infestation below ETL has been observed on 10.09% spots in district Bahawalnagar (47.37% spots) and Muzaffargarh (28.57% spots).
- Termite** infestation Above ETL has been observed on 1.83% spots in districts Khushab (16.67% spots) as well as infestation Below ETL has been observed on 28.44% spots in districts Mianwali (23.08% spots), Khushab (66.67% spots), Bhakkar (25.71% spots), Bahawalnagar (15.79% spots), Muzaffargarh (28.57% spots), Layyah (40.00% spots) and D.G.Khan (100.0% spots).
- Cut Worm** infestation below ETL has been observed on 1.83% spots in district Muzaffargarh (28.57% spots)
- Total 5.50% spots of **Blight** attack were observed in district Mianwali, Bhakkar and Chakwal.
- Total 23.85% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Jhang, 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 benzoate 1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.