

SUMMARY OF GRAM CROP FOR 3rd WEEK OF MARCH ,2024

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	16	41	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	25.00	0.00	12.50	0.00	0.00
Khushab	7	144	80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	57.14	14.29	28.57	0.00	0.00	
Bhakkar	38	154	91	0.00	0.00	0.00	0.00	0.00	0.00	15.79	0.00	0.00	0.00	0.00	26.32	0.00	23.68	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	13	13.125	0.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7.69	0.00	0.00	0.00	0.00	
Bahawalnagar	15	158	20	6.67	0.00	0.00	0.00	0.00	0.00	13.33	33.33	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	
Muzaffargarh	7	16	12	0.00	0.00	0.00	0.00	0.00	0.00	14.29	0.00	0.00	14.29	0.00	57.14	0.00	71.43	0.00	0.00	
Layyah	23	316	282	0.00	0.00	0.00	0.00	0.00	0.00	21.74	17.39	0.00	0.00	0.00	39.13	8.70	13.04	0.00	0.00	
Total	129	984	509.13	0.78	0.00	0.00	0.00	0.00	0.00	10.85	6.98	0.00	0.78	0.00	27.13	2.33	18.60	0.00	0.00	

OBSERVATION

- Total 129 spots of Gram fields comprising area of 984 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 0.78% spots in district Bahawalnagar (6.67% spots) as well as infestation below ETL has been observed on 10.85% spots in district Bhakkar (15.79% spots), Bahawalnagar (13.33% Spots), M.Garh (14.29% spots) and Layyah (21.74% pots).
- Aphid** infestation below ETL has been observed on 6.98% spots in district Bahawalnagar (33.33% spots) and Layyah (17.39% spots).
- Cut Worm** infestation below ETL has been observed on 0.78% spots in district M.Garh (14.29% spots)
- Termite** infestation below ETL has been observed on 27.13% spots in districts Mianwali (25.00% Spots), Khushab (57.14% Spots), Bhakkar (26.32% Spots), Chakwal (7.69% spots), Bahawalnagar (20.00% spots), M.Garh (57.14% spots) and Layyah (39.13%).
- Total 2.33% spots of Blight attack were observed in districts Khushab and Layyah.
- Total 18.60% spots of **Wilt** attack were observed in districts Mianwali, Khushab, Bhakkar, Jhang, M.Garh and Layyah.

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.