

SUMMARY OF GRAM CROP FOR 2ND WEEK OF MARCH ,2022

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	21	76	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.52	0.00	4.76	0.00	0.00
Khushab	5	230	50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	40.00	0.00	0.00
Bhakkar	36	206	49	0.00	0.00	0.00	0.00	0.00	0.00	5.56	0.00	0.00	0.00	0.00	22.22	0.00	13.89	0.00	0.00
Jhang	12	53	8	0.00	0.00	0.00	0.00	0.00	0.00	3.77	0.00	0.00	0.00	0.00	25.00	0.00	16.67	0.00	0.00
Chakwal	6	6.125	0.375	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	16.67	0.00	0.00
Bahawalnagar	17	153	45	5.88	0.00	0.00	0.00	0.00	0.00	23.53	35.29	0.00	0.00	0.00	11.76	0.00	0.00	0.00	0.00
Muzaffar Garh	20	170	70	0.00	0.00	0.00	0.00	0.00	0.00	25.00	20.00	0.00	0.00	0.00	0.00	10.00	5.00	0.00	0.00
Layyah	12	139	139	8.33	0.00	0.00	0.00	0.00	0.00	91.67	58.33	0.00	0.00	0.00	41.67	8.33	33.33	0.00	0.00
Total	129	1033.13	364.375	1.78	0.00	0.00	0.00	0.00	0.00	18.69	14.20	0.00	0.00	0.00	20.86	2.29	16.29	0.00	0.00

OBSERVATION

- Total 129 spots of Gram fields comprising area of 1033.13 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 1.78% spots in district Bahawalnagar (5.88% spots) and Layyah (8.33% spots) as well as infestation below ETL has been observed on 18.69% spots in districts Bhakkar (5.56% spots), Jhang (3.77% spots), Bahawalnagar (23.53% spots), M.Garh (25.00% spots) and Layyah (91.67% spots).
- Aphid** infestation below ETL has been observed on 14.20% spots in districts Bahawalnagar (35.29% spots), M.Garh (20.00% spots) and Layyah (58.33% spots).
- Termite** infestation below ETL has been observed on 20.86% spots in districts Mianwali (9.52% spots), Khushab (40.00% spots), Bhakkar (22.22% spots), Jhang (25.00% spots), Chakwal (16.67% spots), Bahawalnagar (11.67%) and Layyah (41.67% spots).
- Total 2.29% spots of **Blight** attack were observed in districts Muzaffargarh and Layyah.
- Total 16.29% spots of **Wilt** attack were observed in districts Mianwali, Khushab, Bhakkar, Jhang, Chakwal, Muzaffargarh 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 benzoate 1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.