

SUMMARY OF GRAM CROP FOR 3RD WEEK OF FEBRUARY ,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	74	5	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	9.52	0.00	0.00
Khushab	9	29	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00
Bhakkar	57	308	82	0.00	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00	0.00	15.79	0.00	8.77	0.00	0.00
Jhang	10	33	7	0.00	0.00	0.00	0.00	0.00	0.00	9.09	0.00	0.00	0.00	0.00	20.00	0.00	30.00	0.00	0.00
Chakwal	7	6.125	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	23	464	180	8.70	0.00	0.00	0.00	4.35	0.00	21.74	13.04	0.00	0.00	0.00	17.39	0.00	0.00	0.00	0.00
Muzaffar Garh	6	43	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	0.00	33.33	0.00	0.00
Layyah	13	229	197	0.00	0.00	0.00	0.00	0.00	0.00	30.77	23.08	0.00	0.00	0.00	38.46	0.00	15.38	0.00	0.00
Total	146	1186.125	487	1.09	0.00	0.00	0.00	0.54	0.00	7.92	4.52	0.00	0.00	0.00	16.81	0.00	12.13	0.00	0.00

OBSERVATION

- Total 146 spots of Gram fields comprising area of 1186.12 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 1.09% spots in districts Bahawalnagar (8.70% spots) and Infestation below ETL has been observed on 7.92% spots in districts Bhakkar (1.75% spots), Jhang (9.09% spots), Bahawalnagar (21.74% spots) and Layyah (30.77% spots).
- Aphid** infestation below ETL has been observed on 4.52% spots in districts Bahawalnagar (13.04% spots) and Layyah (23.08% spots).
- Army worm** infestation below ETL has been observed on 0.54% spots in district Bahawalnagar (4.35% spots).
- Termite** infestation below ETL has been observed on 16.81% spots in districts Mianwali (9.52% spots), Khushab (33.33% spots), Bhakkar (15.79% spots), Jhang (20.00% spots), Bahawalnagar (17.39%) and Layyah (38.46% spots).
- Total 12.13% spots of **Wilt** attack were observed in districts Mianwali, Bhakkar, Jhang, 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.