

SUMMARY OF GRAM CROP FOR 1ST 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	16	56	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.25	0.00	6.25	0.00	0.00
Khushab	8	39	9	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	0.00	0.00	0.00
Bhakkar	47	176	27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.89	2.13	6.38	0.00	0.00
Jhang	10	87	5	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	20.00	0.00	0.00
Chakwal	3	2.6	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	15	173	27	0.00	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00
Muzaffar Garh	6	74	15	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	14	195	86	0.00	0.00	0.00	0.00	0.00	0.00	14.29	0.00	14.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	119	802.6	172	0.00	0.00	0.00	0.00	0.00	0.00	2.62	0.00	1.79	0.00	0.00	8.27	0.27	8.25	0.00	0.00

OBSERVATION

- Total 119 spots of Gram fields comprising area of 802.6 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 2.62% spots in districts Bahawalnagar (6.67% spots) and Layyah (14.29% spots).
- Termite** infestation below ETL has been observed on 8.27% spots in districts Mianwali (6.25% spots), Khushab (25.0% spots), Bhakkar (14.89% spots) and Bahawalnagar (20.0%) and Layyah (12.50% spots).
- Grass Hopper** infestation below ETL has been observed on 1.79% spots in district Layyah (14.29% spots).
- Total 0.27% spots of **Blight** attack were observed in district Bhakkar.
- Total 8.25% spots of **Wilt** attack were observed in districts Mianwali, Bhakkar, Jhang and Muzaffargarh

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.