

SUMMARY OF GRAM CROP FOR 3RD WEEK OF JANUARY ,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	19	54	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.05	0.00	5.26	0.00	0.00
Khushab	10	28	8	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	20.00	0.00	0.00
Bhakkar	38	213	87	0.00	0.00	0.00	0.00	5.26	0.00	0.00	0.00	0.00	0.00	0.00	21.05	0.00	21.05	0.00	0.00
Jhang	10	51	9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	20.00	0.00	0.00
Chakwal	4	3.5	0.125	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	0.00	0.00
Bahawalnagar	15	129	27	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	0.00	0.00
Muzaffargarh	15	32	7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	26.67	0.00	0.00	0.00	0.00
Layyah	15	80	34	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	0.00	0.00	0.00
Total	126	590.5	187.125	0.00	0.00	0.00	0.00	1.59	0.00	0.00	0.00	0.00	0.00	0.00	23.02	0.79	10.32	0.00	0.00

OBSERVATION

- Total 126 spots of Gram fields comprising area of 590.5 acres in 08 districts were surveyed for pests..
- Armyworm** infestation Above ETL has been observed on 1.59% Spots in district (Bhakkar 5.26% spots).
- Termite** infestation below ETL has been observed on 23.02% spots in districts Mianwali (21.05% spots), Khushab (30.00% spots), Bhakkar (21.05% spots), Jhang (10.00% Spots) Bahawalnagar (20.00% spots), Muzaffar garh (26.67% spots) and Layyah (40.00% spots).
- Total 0.79% spots of **Blight** attack were observed in district Chakwal.
- Total 10.32% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar and Jhang.

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.