

SUMMARY OF GRAM CROP FOR 1ST WEEK OF APRIL ,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	26	77	29	3.85	0.00	0.00	0.00	0.00	0.00	11.54	0.00	0.00	0.00	0.00	23.08	19.23	19.23	0.00	0.00
Khushab	71	1305	1159	0.00	0.00	0.00	0.00	0.00	8.45	0.00	0.00	0.00	0.00	0.00	40.85	61.97	47.89	0.00	0.00
Bhakkar	50	271	86	0.00	0.00	0.00	0.00	0.00	0.00	32.00	0.00	0.00	0.00	0.00	18.00	26.00	10.00	0.00	0.00
Chakwal	2	1.125	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	50.00	0.00	0.00	0.00
Muzaffargarh	13	59	22	0.00	0.00	0.00	0.00	0.00	0.00	15.38	15.38	0.00	0.00	0.00	30.77	0.00	15.38	0.00	0.00
D.G.Khan	3	15	15	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00	0.00	0.00	33.33	33.33	100.00	0.00	0.00
Layyah	8	45	37	0.00	0.00	0.00	0.00	0.00	0.00	62.50	0.00	0.00	0.00	0.00	0.00	12.50	25.00	0.00	0.00
Total	173	1773	1348.13	0.58	0.00	0.00	0.00	0.00	3.47	16.18	1.16	0.00	0.00	0.00	28.32	37.57	29.48	0.00	0.00

OBSERVATION

- Total 173 spots of Gram fields comprising area of 1773 acres in 07 districts were surveyed for pests..
- Pod Borer** infestation Above ETL has been observed on 0.58% spots in district Mianwali (3.85% spots) as well as infestation below ETL has been observed on 16.18% spots in district Mianwali (11.54% spots), Bhakkar (32.00% spots), Muzaffargarh (15.38% spots), D.G.Khan (66.67% spots) and Layyah (62.50% spots).
- Aphid** infestation below ETL has been observed on 1.16% spots in district Muzaffargarh (15.38% spots).
- Termite** infestation above ETL has been observed on 3.47% spots in districts Khushab (8.45% spots) as well as infestation below ETL has been observed on 28.32% spots in districts Mianwali (23.08% spots), Khushab (40.85% spots), Bhakkar (18.00% spots), Muzaffargarh (30.77% spots) and D.G.Khan (33.33% spots)
- Total 37.57% spots of **Blight** attack were observed in district Mianwali, Khushab, Bhakkar, Chakwal, D.G.khan and Layyah.
- Total 29.48% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Muzaffargarh, D.G.Khan 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.