

SUMMARY OF GRAM CROP FOR 2ND WEEK OF MARCH ,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	10	36	21	0.00	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	30.00	0.00	20.00	0.00	0.00
Khushab	32	268	160	0.00	0.00	0.00	0.00	0.00	9.38	0.00	0.00	0.00	0.00	0.00	62.50	0.00	59.38	0.00	0.00
Bhakkar	30	125	146	0.00	0.00	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.00	0.00	23.33	0.00	23.33	0.00	0.00
Jhang	5	25	7	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	40.00	0.00	0.00
Chakwal	5	10.5	0.25	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
Bahawalnagar	15	194	56	6.67	0.00	0.00	0.00	0.00	0.00	33.33	40.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00
Muzaffargarh	3	8	4	0.00	0.00	0.00	0.00	0.00	0.00	66.67	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Layyah	12	90	80	0.00	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	0.00	0.00	50.00	0.00	41.67	0.00	0.00
Total	112	757	474.25	0.89	0.00	0.00	0.00	0.00	2.68	16.96	5.36	0.00	0.00	0.00	35.71	1.79	33.93	0.00	0.00

OBSERVATION

- Total 112 spots of Gram fields comprising area of 757 acres in 08 districts were surveyed for pests..
- Pod Borer** infestation Above ETL has been observed on 0.89% spots in district Bahawalnagar (6.67% spots) as well as infestation Below ETL has been observed on 16.96% spots in district Mianwali (20.00% spots), Bhakkar (13.33% spots), Bahawalnagar (33.33% spots) Muzaffargarh (66.67% spots) and Layyah (50.00% spots).
- Aphid** infestation below ETL has been observed on 5.36% spots in district Bahawalnagar (40.00% spots).
- Termite** infestation Above ETL has been observed on 2.68% spots in districts Khushab (9.38% spots) as well as infestation Below ETL has been observed on 35.71% spots in districts Mianwali (30.00% spots), Khushab (62.50% spots), Bhakkar (23.33% spots), Jhang (20.00% Spots), Bahawalnagar (20.00% spots) and Layyah (50.00% spots).
- Total 1.79% spots of **Blight** attack were observed in district Chakwal.
- Total 33.93% spots of **Wilt** attack were observed in district Mianwali, Khushab, 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 benzoate1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.