

SUMMARY OF GRAM CROP FOR 1ST 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	20	59	28	0.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	35.00	5.00	15.00	0.00	0.00
Khushab	12	169	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	58.33	8.33	25.00	0.00	0.00
Bhakkar	29	120	63	0.00	0.00	0.00	0.00	0.00	0.00	13.79	0.00	0.00	0.00	0.00	20.69	3.45	24.14	0.00	0.00
Jhang	22	104	28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	31.82	0.00	9.09	0.00	0.00
Chakwal	1	0.5	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	100.00	0.00	0.00	0.00
Bahawalnagar	16	146	26	0.00	0.00	0.00	0.00	0.00	0.00	18.75	25.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00
Muzaffargarh	3	15	15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	33.33	0.00	0.00
Layyah	13	86	80	0.00	0.00	0.00	0.00	0.00	0.00	30.77	0.00	0.00	0.00	0.00	38.46	0.00	38.46	0.00	0.00
Total	116	700	287.13	0.00	0.00	0.00	0.00	0.00	0.00	11.21	3.45	0.00	0.00	0.00	31.90	3.45	18.10	0.00	0.00

OBSERVATION

- Total 116 spots of Gram fields comprising area of 700 acres in 08 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 11.21% spots in district Mianwali (10.00% spots), Bhakkar (13.79% spots), Bahawalnagar (18.75% spots) and Layyah (30.77% spots).
- Aphid** infestation below ETL has been observed on 3.45% spots in district Bahawalnagar (25.00% spots).
- Termite** infestation below ETL has been observed on 31.90% spots in districts Mianwali (35.00% spots), Khushab (58.33% spots), Bhakkar (20.69% spots), Jhang (31.82% Spots) Bahawalnagar (12.50% spots), Muzaffar garh (100.00% spots) and Layyah (38.46% spots).
- Total 3.45% spots of **Blight** attack were observed in district Mianwali, Khushab, Bhakkar and Chakwal.
- Total 18.10% 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 benzoate 1.9 EC @ 200ml/acre.
- Uproot and burn the plants affected with disease to check its spread.