

**SUMMARY OF GRAM CROP FOR 4th WEEK OF JANUARY ,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	10	52	10	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	10.00	0.00	0.00
Khushab	4	15	5	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	40	129	32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.50	0.00	7.50	0.00	0.00
Jhang	15	118	6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.33	0.00	6.67	0.00	0.00
Chakwal	5	9.5	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	13	133	25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23.08	0.00	0.00	0.00	0.00
Muzaffar Garh	5	41	26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00
Layyah	16	258	96	0.00	0.00	0.00	0.00	0.00	0.00	18.75	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.00	0.00
<b>Total</b>	<b>108</b>	<b>755.5</b>	<b>200</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.34</b>	<b>5.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>12.05</b>	<b>0.00</b>	<b>8.02</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATION**

1. Total 108 spots of Gram fields comprising area of 755.5 acres in 8 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 2.34% spots in districts Layyah (18.75% spots).
3. Aphid infestation below ETL has been observed on 5.00% spots in districts M.Garh (40.00% spots).
3. **Termite** infestation below ETL has been observed on 12.05% spots in districts Mianwali (10.00% spots), Khushab (25.0% spots), Bhakkar (12.50% spots), Jhang (13.33% spots), Bahawalnagar (23.08%) and Layyah (12.50% spots).
4. Total 8.02% spots of **Wilt** attack were observed in district Mianwali, Bhakkar, Jhang and Muzaffargarh

**RECOMMENDATIONS.**

- 1.Irrigate the field to suppress the infestation of termites.
2. Control Pod Borer with the spray of spinosad 240 SC @ 100ml/ acre or emamectin benzoate1.9 EC @ 200ml/acre.
3. Uproot and burn the plants affected with disease to check its spread.