

**SUMMARY OF GRAM CROP FOR 3RD WEEK OF MARCH ,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	Termite					
Mianwali	21	98	5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00	9.52	0.00	4.76	0.00	0.00
Khushab	6	32	26	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	33.33	0.00	0.00
Bhakkar	50	319	55	0.00	0.00	0.00	0.00	0.00	0.00	2.00	2.00	0.00	0.00	0.00	26.00	4.00	14.00	0.00	0.00
Jhang	16	233	11	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	18.75	0.00	0.00
Chakwal	3	6	1.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	33.33	0.00	33.33	0.00	0.00
Bahawalnagar	20	285	72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20.00	35.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00
Muzaffar Garh	20	243	99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00
Layyah	13	221	202	15.38	0.00	0.00	0.00	0.00	0.00	0.00	61.54	30.77	0.00	0.00	38.46	7.69	23.08	0.00	0.00
<b>Total</b>	<b>149</b>	<b>1437.00</b>	<b>471.5</b>	<b>1.92</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.25</b>	<b>11.63</b>	<b>11.97</b>	<b>0.00</b>	<b>0.00</b>	<b>22.16</b>	<b>3.34</b>	<b>15.91</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATION**

- Total 149 spots of Gram fields comprising area of 1437.00 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 1.92% spots in district Layyah (15.38% spots) as well as infestation below ETL has been observed on 11.63% spots in districts Mianwali (9.50% spots), Bhakkar (2.00% spots), Bahawalnagar (20.00% spots) and Layyah (61.54% spots).
- Aphid** infestation below ETL has been observed on 11.98% spots in districts Bahawalnagar (35.00% spots), M.Garh (30.00% spots) and Layyah (30.77% spots).
- Termite** infestation Above ETL has been observed on 0.25% spots in district Bhakkar (2.00% spots) and below ETL has been observed on 22.16% spots in districts Mianwali (9.52% spots), Khushab (50.00% spots), Bhakkar (26.00% spots), Chakwal (33.33% spots), Bahawalnagar (20.00%) and Layyah (38.46% spots).
- Total 3.34% spots of **Blight** attack were observed in districts Bhakkar, Muzaffargarh and Layyah.
- Total 15.91% spots of **Wilt** attack were observed in districts Mianwali, Khushab, Bhakkar, Jhang, Chakwal 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.