

**SUMMARY OF GRAM CROP FOR 4TH WEEK OF FEBRUARY ,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	22	78	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.55	0.00	4.55	0.00	0.00
Khushab	9	84	40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	22.22	0.00	22.22	0.00	0.00
Bhakkar	46	125	29	0.00	0.00	0.00	0.00	0.00	0.00	2.17	0.00	0.00	0.00	0.00	15.22	0.00	8.70	0.00	0.00
Jhang	10	144	19	0.00	0.00	0.00	0.00	0.00	0.00	2.08	0.00	0.00	0.00	0.00	20.00	0.00	20.00	0.00	0.00
Chakwal	4	4.375	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	18	182	60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.67	0.00	0.00	0.00	27.78	0.00	5.56	0.00	0.00
Muzaffar Garh	4	17	1	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	25.00	0.00	0.00
Layyah	17	237	179	0.00	0.00	0.00	0.00	0.00	0.00	29.41	23.53	0.00	0.00	0.00	35.29	0.00	11.76	0.00	0.00
<b>Total</b>	<b>130</b>	<b>871.38</b>	<b>331</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>4.21</b>	<b>5.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>15.63</b>	<b>0.00</b>	<b>12.22</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATION**

- Total 130 spots of Gram fields comprising area of 871.38 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 4.21% spots in districts Bhakkar (2.17% spots), Jhang (2.08% spots) and Layyah (29.41% spots).
- Aphid** infestation below ETL has been observed on 5.02% spots in districts Bahawalnagar (16.67% spots) and Layyah (23.53% spots).
- Termite** infestation below ETL has been observed on 15.63% spots in districts Mianwali (4.55% spots), Khushab (22.22% spots), Bhakkar (15.22% spots), Jhang (20.00% spots), Bahawalnagar (27.78%) and Layyah (35.29% spots).
- Total 12.22% spots of **Wilt** attack were observed in districts Mianwali, Khushab, Bhakkar, Jhang, Bahawalnagar, 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.