

**SUMMARY OF GRAM CROP FOR 3RD WEEK OF DECEMBER ,2021**

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	43	9	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	20.00	0.00	0.00
Khushab	14	64	24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.57	0.00	0.00	0.00	0.00
Bhakkar	83	277	40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.25	0.00	6.02	0.00	0.00
Jhang	20	83	13	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	15.00	0.00	0.00
Chakwal	3	1	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	10	97	20	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	0.00	0.00	0.00
Muzaffar Garh	5	30	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
Layyah	17	381	279	0.00	0.00	0.00	0.00	0.00	0.00	17.65	0.00	0.00	0.00	0.00	41.18	0.00	35.29	0.00	0.00
<b>Total</b>	<b>162</b>	<b>976</b>	<b>385</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>2.21</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>14.13</b>	<b>0.00</b>	<b>9.54</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATION**

1. Total 162 spots of Gram fields comprising area of 976 acres in 8 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 2.21% spots in districts Layyah (17.65% spots).
3. **Termite** infestation below ETL has been observed on 14.13% spots in districts Khushab (28.57% spots), Bhakkar (13.25% spots), Jhang (10.0% spots), Bahawalnagar (20.0%) and Layyah (41.18% spots).
4. Total 9.54% spots of **Wilt** attack were observed in district Mianwali, Bhakkar, Jhang and Layyah.

**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 benzoate 1.9 EC @ 200ml/acre.
3. Uproot and burn the plants affected with disease to check its spread.