

**SUMMARY OF GRAM CROP FOR 2ND 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	11	41	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.09	0.00	9.09	0.00	0.00
Khushab	20	120	27	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	15.00	0.00	0.00
Bhakkar	47	143	36	0.00	0.00	0.00	0.00	6.38	0.00	0.00	0.00	0.00	0.00	0.00	17.02	0.00	14.89	0.00	0.00
Jhang	18	137	8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.67	0.00	5.56	0.00	0.00
Chakwal	4	3.75	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	15	173	27	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	6.67	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	189	30	0.00	0.00	0.00	0.00	0.00	0.00	11.76	0.00	0.00	0.00	0.00	17.65	0.00	0.00	0.00	0.00
<b>Total</b>	<b>137</b>	<b>836.75</b>	<b>136</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.80</b>	<b>0.00</b>	<b>1.47</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>12.55</b>	<b>0.00</b>	<b>6.40</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATION**

- Total 137 spots of Gram fields comprising area of 836.75 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 1.47% spots in districts Layyah (11.76% spots).
- Army worm** infestation above ETL has been observed on 0.80% spots in districts Bhakkar (6.38% spots).
- Termite** infestation below ETL has been observed on 12.55% spots in districts Mianwali (9.09% spots), Khushab (20.0% spots), Bhakkar (17.02% spots), Jhang (16.67% spots), Bahawalnagar (20.0%) and Layyah (17.65% spots).
- Total 6.40% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Jhang and Bahawalnagar.

**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.