

SUMMARY OF GRAM CROP FOR 1ST WEEK OF JANUARY ,2018																		
District	Total Spots Visited	Area Surveyed (Acres)	Area Affected (Acres)	Insect Pest %											Disease Incidence %			
				Above ETL						Below ETL					Blight	Wilt	Root Rot	Botrytis Blight
				Pod Borer	Aphid	Grass hopper	Cut worm	Armyworm	Termite	Pod Borer	Aphid	Grass hopper	Cut worm	Termite				
Mianwali	30	180	175	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	33.3	0.0	43.3	0.0	0.0
Khushab	19	176	112	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.0
Bhakkar	28	405.5	95	0.0	0.0	0.0	0.0	0.0	0.0	3.6	0.0	0.0	0.0	10.7	0.0	7.1	0.0	0.0
Jhang	10	149	15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	0.0
Chakwal	11	8	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.1	0.0	0.0	0.0	0.0
Jhelum	4	5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attock	10	32	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bahawalnagar	13	196	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0	7.7	0.0	0.0
Muzaffargarh	8	65	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0
Layyah	25	294	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	0.0	8.0	0.0	0.0
<b>Total</b>	<b>158</b>	<b>1510.5</b>	<b>398</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>3.2</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.8</b>	<b>0.0</b>	<b>13.9</b>	<b>0.0</b>	<b>0.0</b>

#### OBSERVATION

1. Total 158 spots of Gram fields comprising area of 1510.5 acres in 10 districts were surveyed for pests.
2. Total 3.2% spots of **Pod Borer** below ETL have been observed in punjab in district Mianwali (13.3% spots) and Bhakkar (3.6% spots) only.
3. **Termite** infestation below ETL has been observed on 15.8% spots in Punjab in districts Mianwali (33.3% spots), Khushab (15.8% spots), Bhakkar (10.7% spots), Jhang (20.0% spots), Chakwal (9.1% spots), Layyah (12.0% spots) and Bahawalnagar (23.1% spots).
5. Total 13.9% spots of **Wilt** attack were observed in district Mianwali (43.3% spots), Bhakkar (7.1% spots), Jhang (20.0% spots), Bahawalnagar (7.7% spots), Muzaffargarh (25.0% spots) and Layyah (8.0% spots).

#### 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.