

SUMMARY OF GRAM CROP FOR 2ND WEEK OF JANUARY ,2019																			
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	Army worm	Termite	Pod Borer	Aphid	Grass hopper	Cut worm	Army worm	Termite				
Mianwali	30	161	19	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	13.3	0.0	0.0
Khushab	15	175	18	0.0	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
Bhakkar	32	166.5	61	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0	0.0	0.0	18.8	0.0	0.0	0.0	0.0
Jhang	13	197	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.8	0.0	23.1	0.0	0.0
Chakwal	4	2.9	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0
Attock	2	7.2	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	0.0
Bahawalnagar	13	191	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0
Muzaffargarh	5	71	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0	0.0
Layyah	18	242	88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	22.2	0.0	0.0
Total 2019	132	1213.6	229.1	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	15.2	1.5	10.6	0.0	0.0
Total 2018	155	1423.7	341.5	0.0	0.0	0.0	0.0	0.0	1.9	1.9	0.0	0.0	0.0	17.4	1.3	16.8	0.0	0.0	0.0

OBSERVATION

- Total 132 spots of Gram fields comprising area of 1213.6 acres in 9 districts were surveyed for pests.
- Total 3.8% spots of **Pod Borer** below ETL have been observed in punjab in district Bhakkar (15.6% spots) only.
- Termite** infestation below ETL has been observed on 15.2% spots in Punjab in districts Khushab (20.0% spots), ,Bhakkar (18.8% spots), Jhang (30.8% spots), Chakwal (75.0% spots), Bahawalnagar (15.4% spots) and Layyah (11.1% spots).
- Total 1.5% spots of **Blight** attack were observed in district Muzaffargarh (40.0% spots).
- Total 10.6% spots of **Wilt** attack were observed in district Mianwali (13.3% spots), Khushab (20.0% spots), Jhang (23.1% spots) and Layyah (22.2% spots).

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.