

SUMMARY OF GRAM CROP FOR 3RD WEEK OF DECEMBER ,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	20	107	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	15.0	0.0	0.0
Khushab	15	51	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	6.7	0.0	0.0
Bhakkar	42	260	86	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0
Jhang	10	189	15	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0
Chakwal	2	0.75	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	4	12.4	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	12	242	63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	8.3	0.0	0.0
Muzaffargarh	4	36	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
Layyah	16	164	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
Total	125	1062.15	174	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.0	10.4	0.0	4.0	0.0	0.0

OBSERVATION

- Total 125 spots of Gram fields comprising area of 1262.15 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 4.8% spots in Punjab in districts Bhakkar (11.9% spots) and Jhang (10.0% spots).
- Termite** infestation below ETL has been observed on 10.4% spots in Punjab in districts Khushab (20.0% spots) Bhakkar (14.3 % spots), Jhang (10.0% spots) and Bahawalnagar (25.0% spots).
- Total 4.0% spots of **Wilt** attack were observed in district Mianwali, Khushab 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 minimize further spread of the problem.