

SUMMARY OF GRAM CROP FOR 3RD 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	20	106	128	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	50.0	0.0	35.0	0.0	0.0
Khushab	22	111	26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.7	0.0	18.2	22.7	0.0
Bhakkar	47	530	199	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	17.0	0.0	12.8	0.0	0.0
Jhang	15	251	17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	13.3	0.0	0.0
Chakwal	14	6	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.4	0.0	0.0	0.0
Jhelum	3	3.6	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	19.4	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	13	191	11	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	8	97	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	254	0	0.0	0.0	0.0	0.0	0.0	16.0	0.0	0.0	0.0	0.0	12.0	0.0	16.0	0.0	0.0
Total	177	1569	381	0.0	0.0	0.0	0.0	0.0	2.3	3.4	0.0	0.0	0.0	17.5	1.7	14.1	2.8	0.0

OBSERVATION

1. Total 177 spots of Gram fields comprising area of 1569 acres in 10 districts were surveyed for pests.
2. Total 3.4% spots of **Pod Borer** below ETL have been observed in punjab in district Mianwali (20.0% spots) and Bhakkar (4.3% spots) only.
3. **Termite** infestation above ETL has been Observed in District Layyah (16.00% spots) and infestation below ETL has been observed on 17.5% spots in Punjab in districts Mianwali (50.0% spots), Khushab (22.7% spots), ,Bhakkar (17.0% spots), Jhang (20.0% spots), Layyah (12.0% spots) and Bahawalnagar (15.4% spots).
4. Total 1.7% spots of **Blight** infection were observed in Punjab in district Chakwal (21.4%) only.
5. Total 2.8% spots of **Root Rot** infection were observed in Punjab in district Khushab (22.7%) only.
6. Total 14.1% spots of **Wilt** attack were observed in district Mianwali (65.0% spots), Khushab (18.2% spots), Bhakkar (12.8% spots), Jhang (13.3% spots), Muzaffargarh (25.0% spots), and Layyah (16.0% 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. Treat aphid infested spots with pressurized water.
4. Uproot and burn the plants affected with disease to check its spread.
5. Apply pesticides after reading instructions given on label regarding Pre-Harvest Interval (PHI) and frequency of application.