

SUMMARY OF GRAM CROP FOR 2ND WEEK OF FEBRUARY ,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	141	64	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	15.0	0.0	0.0	
Khushab	20	134	79	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	15.0	15.0	0.0	
Bhakkar	40	625.5	315	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	32.5	0.0	10.0	0.0	0.0	
Jhang	10	197	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	20.0	0.0	0.0	
Chakwal	2	0.7	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	
Jhelum	14	11.1	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	15	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	14	171	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	21.4	0.0	7.1	0.0	0.0	
Muzaffargarh	8	62	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	18	242	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	22.2	0.0	0.0	
Total	161	1616.3	518	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	23.6	0.0	11.8	1.9	0.0

OBSERVATION

1. Total 161 spots of Gram fields comprising area of 1616.3 acres in 10 districts were surveyed for pests.
2. **Aphid** Infestation below ETL has been observed on 0.6% spots in Punjab in districts Bahawalnagar (7.1% spots).
3. **Termite** Infestation below ETL has been observed on 23.6% spots in Punjab in districts Mianwali (30.0% spots), Khushab (50.0% spots), Bhakkar (32.5% spots), Bahawalnagar (21.4% spots) and Layyah (16.7% spots).
4. Total 1.9% spots of **Root Rot** infection were observed in Punjab in district Khushab (15.0%).
5. Total 11.8% spots of **Wilt** attack were observed in district Mianwali (15.0% spots), Khushab (15.0% spots), Bhakkar (10.0% spots), Jhang (20.0% spots), Bahawalnagar (7.1% spots) Muzaffargarh (25.0% spots) and Layyah (22.2% 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.