

SUMMARY OF GRAM CROP FOR 4TH 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	48	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	20.0	0.0	0.0
Khushab	22	188	156	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	77.3	0.0	13.6	9.1	0.0
Bhakkar	34	150.5	20.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.6	0.0	2.9	0.0	0.0
Jhang	15	292	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	20.0	0.0	0.0
Chakwal	13	14.4	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
Jhelum	2	0.5	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	50.0	0.0	0.0
Attock	4	10.6	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
Bahawalnagar	15	161	14	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	0.0	0.0
Muzaffargarh	8	110	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	26	366	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	19.2	0.0	0.0
Total	159	1399	261.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0	11.9	1.3	0.0

OBSERVATION

1. Total 159 spots of Gram fields comprising area of 1399 acres in 10 districts were surveyed for pests.
3. **Termite** Infestation below ETL has been observed on 23.3% spots in Punjab in districts Mianwali (25.0% spots), Khushab (77.3% spots), Bhakkar (20.6% spots), Jhang (13.3% spots), Layyah (15.4% spots) and Bahawalnagar (13.3% spots).
5. Total 1.3% spots of **Root Rot** infection were observed in Punjab in district Khushab (9.1%) only.
6. Total 11.9% spots of **Wilt** attack were observed in district Mianwali (20.0% spots), Khushab (13.6% spots), Bhakkar (2.9% spots), Jhang (20.0% spots), Jhelum (50.0% spots), Muzaffargarh (25.0% spots), and Layyah (19.2% 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.