

Table I: SUMMARY OF PEST SITUATION OF GRAM CROP FOR 3RD WEEK OF MARCH ,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	Armyworm	Termite	Pod Borer	Aphid	Grass hopper	Cut worm	Armyworm	Termite				
Mianwali	20	103	46	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	25.0	0.0	15.0	0.0	0.0
Khushab	11	42	4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	9.1	0.0	0.0
Bhakkar	53	325	213	9.4	0.0	0.0	0.0	0.0	0.0	45.3	11.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jhang	27	310	64	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	25.9	0.0	0.0
Chakwal	4	2.625	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
Attock	2	7.7	2.2	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	50.0	0.0
Bahawalnagar	18	235	39	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	11.1	0.0	11.1	0.0	0.0
Muzaffargarh	5	21	8	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	20.0	0.0	0.0
Layyah	15	215	60	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0
Total 2019	155	1261.33	436.2	3.2	0.0	0.0	0.0	0.0	0.0	20.6	3.9	0.0	0.0	0.0	5.8	0.0	11.0	0.6	0.0
Total 2018	156	1317.3	318.5	5.0	0.0	0.0	0.0	0.0	1.9	21.1	8.7	0.0	0.0	0.0	17.4	0.0	11.2	1.9	0.0

OBSERVATION

- Total 155 spots of Gram fields comprising area of 1261.33 acres in 9 districts were surveyed for pests.
- Total 3.2% spots of **Pod Borer** above ETL has been observed in Punjab in district Bhakkar (9.4% spots) & 20.6% spots of Pod borer below ETL have been observed in Punjab in districts Bhakkar (10.0% spots), Mianwali (45.3% spots), Bahawalnagar (16.7% spots) and Layyah (20.0% spots) only.
- Total 3.9% spots of **Aphid** below ETL has been observed in punjab in district Bhakkar (11.3% spots) only.
- Termite** infestation below ETL has been observed on 5.8% spots in Punjab in districts Mianwali (25.0% spots), Khushab (18.2% spots) and Bahawalnagar (11.1% spots).
- Total 0.6% spots of **Root Rot** infection were observed in punjab in district Attock (50.0% spots) only.
- Total 11.0% spots of **Wilt** attack were observed in district Mianwali (15.0% spots), Khushab (9.1% spots), Jhang (25.9%), Bahawalnagar (11.1% spots), Muzaffargarh (20.0% spots) and Layyah (20.0% 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.
- Treat aphid infested spots with pressurized water.
- Uproot and burn the plants affected with disease to check its spread.
- Apply pesticides after reading instructions given on label regarding Pre-Harvest Interval (PHI) and frequency of application.