

Table I: SUMMARY OF PEST SITUATION OF GRAM CROP FOR 1ST 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	100	49	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	20.0	0.0	25.0	0.0	0.0
Khushab	18	65	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.2	0.0	16.7	0.0	0.0
Bhakkar	57	229	128	7.0	0.0	0.0	0.0	0.0	0.0	17.5	3.5	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0
Jhang	21	128	21	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	19.0	0.0	0.0
Chakwal	7	3.95	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	0.0	0.0	0.0
Attock	6	7	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	16.7	16.7	0.0	0.0
Bahawalnagar	11	128	38	0.0	0.0	0.0	0.0	0.0	0.0	18.2	18.2	0.0	0.0	0.0	18.2	0.0	9.1	0.0	0.0
Muzaffargarh	8	145	105	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	12.5	0.0	0.0
Layyah	20	249	68	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	20.0	0.0	0.0
Total 2019	168	1054.95	430.25	2.4	0.0	0.0	0.0	0.0	0.0	10.1	2.4	0.0	0.0	1.2	8.9	1.8	11.3	0.0	0.0
Total 2018	156	1317.3	318.5	0.0	0.0	0.0	0.0	0.0	1.4	4.2	0.0	0.0	0.0	0.0	27.3	0.0	14.0	1.4	0.0

OBSERVATION

- Total 168 spots of Gram fields comprising area of 1054.95 acres in 9 districts were surveyed for pests.
- Total 2.4% spots of **Pod Borer** above ETL has been observed in Punjab in district Bhakkar (7.0% spots) and 10.1% spots of Pod borer below ETL have been observed in Punjab in districts Bhakkar (17.5% spots), Mianwali (25.0% spots) and Bahawalnagar (18.2% spots) only.
- Total 2.4% spots of **Aphid** below ETL has been observed in punjab in district Bhakkar (3.5% spots) and Bahawalnagar (18.2%) only.
- Termite** infestation below ETL has been observed on 8.9% spots in Punjab in districts Mianwali (20.0% spots), Khushab (22.2% spots), Bhakkar (3.5% spots), Layyah (15.0% spots) and Bahawalnagar (18.2% spots).
- Total 1.8% spots of **Blight** infection were observed in punjab in district Attock (16.7% spots) and Chakwal (28.6%).
- Total 11.3% spots of **Wilt** attack were observed in district Mianwali (25.0% spots), Khushab (16.7% spots), Jhang (19.0%), Attock (16.7% spots), Bahawalnagar (9.1% spots), Muzaffargarh (12.5% 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.