

Table I: SUMMARY OF PEST SITUATION OF GRAM CROP FOR 3RD WEEK OF FEBRUARY ,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	80	25	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0	0.0	0.0	20.0	0.0	10.0	0.0	0.0
Khushab	16	242	22	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	0.0	0.0	0.0	25.0	0.0	12.5	0.0	0.0
Bhakkar	49	337	143	4.1	0.0	0.0	0.0	0.0	0.0	34.7	0.0	0.0	0.0	0.0	18.4	0.0	0.0	0.0	0.0
Jhang	31	641	42	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.5	0.0	3.2	0.0	0.0
Chakwal	6	6	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	16.7	0.0	0.0
Attock	4	8.9	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	25.0	0.0	0.0	0.0
Bahawalnagar	14	159	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	14.3	0.0	7.1	0.0	0.0
Muzaffargarh	5	65	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	0.0	20.0	0.0	0.0
Layyah	16	164	51	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	18.8	0.0	0.0
Total 2019	161	1702.9	328.4	1.2	0.0	0.0	0.0	0.0	0.0	12.4	1.2	0.0	0.0	0.0	14.9	1.2	6.8	0.0	0.0
Total 2018	173	1930	762.5	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.2	0.0	0.0	0.0	26.6	0.0	15.0	1.2	0.0

OBSERVATION

- Total 161 spots of Gram fields comprising area of 1702.9 acres in 9 districts were surveyed for pests.
- Total 1.2% spots of **Pod Borer** above ETL has been observed in Punjab in district Bhakkar (4.1% spots) and below ETL have been observed in Punjab in districts Bhakkar 34.7% spots Mianwali (10.0% spots), and Khushab (6.3% spots) only.
- Total 1.2% spots of **Aphid** below ETL has been observed in punjab in district Bahawalnagar (14.3%) only.
- Termite** infestation below ETL has been observed on 14.9% spots in Punjab in districts Mianwali (20.0% spots), Khushab (25.0% spots), Bhakkar (18.4% spots) Jhang (6.5% spots), Attock (25.0% spots), Layyah (12.5% spots) and Bahawalnagar (14.3% spots).
- Total 1.2% spots of **Blight** infection were observed in punjab in district Chakwal (16.7%) and Attock (25.0% spots).
- Total 6.8% spots of **Wilt** attack were observed in district Mianwali (10.0% spots), Khushab (12.5% spots), Jhang (3.2%), Chakwal (16.7% spots), Bahawalnagar (7.1% spots), Muzaffargarh (20.0% spots) and Layyah (18.8% 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.