

SUMMARY OF GRAM CROP FOR 1ST WEEK OF APRIL ,2020																		
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	63	12	5.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Khushab	27	178	104	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	40.7	33.3	18.5	11.1	0.0
Bhakkar	21	101	54	9.5	0.0	0.0	0.0	0.0	0.0	23.8	19.0	0.0	0.0	19.0	28.6	0.0	0.0	0.0
Jhang	18	84	10	0.0	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	0.0
Chakwal	4	4.5	1.25	0.0	0.0	0.0	0.0	0.0	0.0	75.0	0.0	0.0	0.0	0.0	50.0	50.0	0.0	0.0
Attock	1	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	0.0	0.0
Bahawalnagar	11	147	45	0.0	0.0	0.0	0.0	0.0	0.0	27.3	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0
Muzaffargarh	7	62	0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Layyah	38	614	461	5.3	0.0	0.0	0.0	0.0	0.0	31.6	0.0	0.0	0.0	13.2	47.4	5.3	0.0	0.0
Total	147	1255.7	687.25	3.4	0.0	0.0	0.0	0.0	0.0	21.8	2.7	0.0	0.0	15.0	23.8	8.8	2.0	0.0

OBSERVATION

- Total 147 spots of Gram fields comprising area of 1255.7 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 3.4% spots in districts Mianwali (5.0% spots), Bhakkar (9.5% spots) and Layyah (5.3% spots) and below ETL has been observed on 21.8% spots in districts Mianwali (20.0% spots), Khushab (11.1% spots), Bhakkar (23.8% spots), Chakwal (75.0% spots), Bahawalnagar (27.3% spots), Muzaffargarh (28.6% spots) and Layyah (31.6% spots).
- Aphid** infestation below ETL has been observed on 2.7% spots in districts Bhakkar (19.0% spots).
- Termite** infestation below ETL has been observed on 15.0% spots in districts Khushab (40.7% spots), Bhakkar (19.0% spots), Bahawalnagar (18.2% spots) and Layyah (13.2% spots).
- Total 23.8% spots of **Blight** attack were observed in district Khushab (33.3% spots), Bhakkar(28.6% spots), Chakwal (50.0% spots) and Layyah (47.4% spots)..
- Total 8.8% spots of **Wilt** attack were observed in district Khushab (18.5% spots), Jhang (22.2% spots),Chakwal (50.0% spots) and Layyah (5.3% spots)..
- Total 2.0% spots of **Root Rot** attack were observed in district Khushab (11.1% 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.