

SUMMARY OF GRAM CROP FOR 1ST WEEK OF MARCH ,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	97	13	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0
Khushab	27	178	53	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.9	0.0	18.5	0.0	0.0
Bhakkar	75	387.5	73	0.0	0.0	0.0	0.0	0.0	0.0	9.3	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0
Jhang	27	310	32	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.8	0.0	0.0	0.0
Chakwal	13	13.125	0.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0
Attock	1	1.2	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	128	38	0.0	0.0	0.0	0.0	0.0	0.0	0.0	18.2	0.0	0.0	0.0	0.0	9.1	0.0	0.0
Muzaffargarh	8	109	2	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Layyah	18	188	94	0.0	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	27.8	0.0	11.1	0.0	0.0
Total	200	1411.83	305.625	0.0	0.0	0.0	0.0	0.0	0.0	8.5	1.0	0.0	0.0	10.0	2.0	5.0	0.0	0.0

OBSERVATION

1. Total 200 spots of Gram fields comprising area of 1411.83 acres in 9 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 2.0% spots in districts Mianwali (20.0% spots), Bhakkar (9.3% spots), M.Garh (25.0% spots) and Layyah (22.2% spots)
3. **Aphid** infestation below ETL has been observed on 2.0% spots in districts Bahawalnagar (18.2% spots)
4. **Termite** infestation below ETL has been observed on 10.0% spots in districts Mianwali (10.0% spots),Khushab (25.9% spots), Bhakkar (5.3% spots), Chakwal (15.4% spots) and Layyah (27.8% spots).
5. Total 5.0% spots of **Wilt** attack were observed in district Mianwali (10.0% spots), Khushab (18.5% spots), B.Nagar (9.1% spots) and Layyah (11.1% 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.