

SUMMARY OF GRAM CROP FOR 3RD 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	73	20	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
Khushab	18	52	25	0.0	0.0	0.0	0.0	0.0	0.0	11.1	0.0	0.0	0.0	44.4	0.0	27.8	11.1	0.0
Bhakkar	42	189	68	2.4	0.0	0.0	0.0	0.0	0.0	31.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0
Jhang	20	228	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	45.0	0.0	15.0	0.0	0.0
Chakwal	5	2.625	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	0.0	0.0	0.0
Attock	2	3.4	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	11.1	0.0	11.1	0.0	0.0
Muzaffargarh	5	30	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
Layyah	20	187	59	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	25.0	0.0	5.0	0.0	0.0
Total	150	1000.03	241.25	0.7	0.0	0.0	0.0	0.0	0.0	18.7	0.0	0.0	0.0	16.0	4.7	8.7	1.3	0.0

OBSERVATION

- Total 150 spots of Gram fields comprising area of 1000.03 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 0.7% spots in districts Bhakkar (2.4% spots) and below ETL has been observed on 18.7% spots in districts Mianwali (20.0% spots), Khushab (11.1% spots), Bhakkar (31.0% spots), Bahawalnagar (16.7% spots) and Layyah (30.0% spots)
- Termite** infestation below ETL has been observed on 16.0% spots in districts Khushab (44.4% spots), Jhang (45.0% spots), Bahawalnagar (11.1% spots) and Layyah (25.0% spots).
- Total 4.7% spots of **Blight** attack were observed in district Bhakkar (11.9% spots) and Chakwal (40.0% spots).
- Total 8.7% spots of **Wilt** attack were observed in district Mianwali (10.0% spots), Khushab (27.8% spots), Jhang (15.0% spots), Bahawalnagar (11.1% spots) and Layyah (5.0% spots)..
- Total 1.3% 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.