

SUMMARY OF GRAM CROP FOR 3RD WEEK OF FEBRUARY ,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	65	0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	10.0	0.0	10.0	0.0	0.0
Khushab	29	100	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.0	0.0	17.2	0.0	0.0
Bhakkar	43	150	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0
Jhang	28	722	100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	10.7	0.0	0.0
Chakwal	6	6.25	2.625	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	50.0	0.0	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	13	189	14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	15.4	0.0	0.0	0.0	0.0
Muzaffargarh	5	41	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	17	204	71	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	0.0	0.0	29.4	0.0	11.8	0.0	0.0
Total	162	1479.45	258.625	0.0	0.0	0.0	0.0	0.0	0.0	3.7	1.2	0.0	0.0	15.4	1.9	7.4	0.0	0.0

OBSERVATION

- Total 162 spots of Gram fields comprising area of 1479.63 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 3.7% spots in districts Mianwali (15.0% spots) and Layyah (17.6% spots)
- Aphid** infestation below ETL has been observed on 1.2% spots in districts Bahawalnagar (15.4% spots)
- Termite** infestation below ETL has been observed on 15.4% spots in districts Mianwali (10.0% spots), Khushab (31.0% spots), Bhakkar (7.0% spots), Jhang (14.3% spots), Bahawalnagar (15.4% spots) and Layyah (29.4% spots).
- Total 1.9% spots of **Blight** attack were observed in district Chakwal (50.0% spots).
- Total 7.4% spots of **Wilt** attack were observed in district Mianwali (10.0% spots), Khushab (17.2% spots), Jhang (10.7% spots) and Layyah (11.8% 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.