

SUMMARY OF GRAM CROP FOR 4TH WEEK OF MARCH ,2021																			
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	Army worm	Termite	Pod Borer	Aphid	Grass hopper	Cut worm	Army worm	Termite				
Mianwali	21	59	19	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	0.0	0.0	0.0	9.5	0.0	14.3	0.0	0.0
Khushab	18	36	23	0.0	0.0	0.0	0.0	0.0	5.6	5.6	0.0	0.0	0.0	0.0	61.1	0.0	27.8	0.0	0.0
Bhakkar	52	244	32.2	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0	7.7	1.9	7.7	0.0	0.0
Jhang	21	187	12	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	14.3	0.0	0.0
Chakwal	5	6	1	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	40.0	20.0	0.0	0.0
Bahawalnagar	18	175	50	0.0	0.0	0.0	0.0	0.0	0.0	11.1	38.9	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0
Muzaffargarh	5	31	16	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Layyah	19	181	116	26.3	0.0	0.0	0.0	0.0	0.0	31.6	0.0	0.0	0.0	0.0	15.8	0.0	31.6	0.0	0.0
Total	159	919	269.075	3.1	0.0	0.0	0.0	0.0	0.6	15.1	4.4	0.0	0.0	0.0	14.5	1.9	13.8	0.0	0.0

OBSERVATION

- Total 159 spots of Gram fields comprising area of 919 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 3.1% spots in district Layyah (26.3% spots) as well as infestation below ETL has been observed on 15.1% spots in district Mianwali (14.3% spots), Khushab (5.6% spots), Bhakkar (15.4% spots), Chakwal (20.0% spots), Bahawalnagar (11.1% spots), M.Garh (60.0% spots) and Layyah (31.6% spots).
- Aphid** infestation below ETL has been observed on 4.4% spots in district Bahawalnagar (38.9% spots).
- Termite** infestation above ETL has been observed on 0.6% spots in district Khushab (5.6% spots) as well as infestation below ETL has been observed on 14.5% spots in districts Mianwali (9.5% spots), Khushab (61.1% spots), Bhakkar (7.7% spots), Bahawalnagar (16.7% spots) and Layyah (15.8% spots).
- Total 13.8% spots of **Wilt** attack were observed in district Mianwali, Khushab, Bhakkar, Jhang, Chakwal and Layyah.

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.
- Uproot and burn the plants affected with disease to check its spread.