

SUMMARY OF GRAM CROP FOR 2ND WEEK OF DECEMBER ,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	10	57	6	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	20.0	0.0	0.0
Khushab	19	522	55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	0.0
Bhakkar	67	327	58	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.9	0.0	6.0	0.0	0.0
Jhang	20	83	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	10.0	0.0	0.0
Chakwal	7	8.375	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	0.0
Bahawalnagar	13	138	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	15.4	0.0	0.0
Muzaffargarh	5	35	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	0.0
Layyah	21	234	101	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	0.0	0.0	0.0	23.8	0.0	19.0	0.0	0.0
Total	162	1404.38	247	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	13.6	0.0	8.6	0.0	0.0

OBSERVATION

1. Total 162 spots of Gram fields comprising area of 1404.38 acres in 8 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 1.2% spots in districts Layyah (9.5% spots).
3. **Termite** infestation below ETL has been observed on 13.6% spots in districts Khushab (21.1% spots), Bhakkar (14.9% spots), Jhang (5.0% spots), Bahawalnagar (15.4%) and Layyah (23.8% spots).
4. Total 8.6% spots of **Wilt** attack were observed in district Mianwali, Bhakkar, Jhang, Bahawalnagar and Layyah.

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