

SUMMARY OF GRAM CROP FOR 2ND WEEK OF JANUARY ,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	Armyworm	Termite	Pod Borer	Aphid	Grass hopper	Cut worm	Termite				
Mianwali	15	47	20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	60.0	0.0	53.3	0.0	0.0
Khushab	15	42	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	53.3	0.0	13.3	0.0	0.0
Bhakkar	62	342.5	97	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.7	0.0	0.0	0.0	0.0
Jhang	26	111	5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.5	0.0	0.0
Chakwal	4	2.875	0.25	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0
Attock	2	1.7	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	167	39	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0	30.8	0.0	0.0
Muzaffargarh	4	21	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	204	62	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.0	0.0	20.0	0.0	0.0
Total	161	939.075	248.25	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	0.6	13.0	0.0	0.0

OBSERVATION

- Total 161 spots of Gram fields comprising area of 939.07 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 0.6% spots in all over Punjab and specifically in districts Chakwal (25.0 % spots).
- Termite** infestation below ETL has been observed on 23.6% spots in districts Mianwali (60.0% spots), Khushab (53.3% spots), Bhakkar (17.7% spots), Bahawalnagar (23.1%) and Layyah (35.0% spots).
- Total 0.6% spots of **Blight** attack were observed in district Chakwal.
- Total 13.0% spots of **Wilt** attack were observed in district Mianwali, Khushab, Jhang, Bahawalnagar 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.