

SUMMARY OF GRAM CROP FOR 4TH WEEK OF JANUARY ,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	28	92	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	7.1	0.0	0.0
Khushab	32	86	16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	9.4	6.3	0.0
Bhakkar	31	223	42	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	12.9	0.0	0.0	0.0	0.0
Jhang	17	125	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.6	0.0	11.8	0.0	0.0
Chakwal	13	16.5	0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attock	2	7.2	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	15	167	13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	0.0	0.0	0.0
Muzaffargarh	3	16	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	186	75	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	17.6	0.0	23.5	0.0	0.0
<b>Total</b>	<b>158</b>	<b>918.7</b>	<b>166</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>12.0</b>	<b>0.0</b>	<b>7.0</b>	<b>1.3</b>	<b>0.0</b>

#### OBSERVATION

1. Total 158 spots of Gram fields comprising area of 918.7 acres in 9 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 1.3% spots in districts Bhakkar (3.2% spots) and Layyah (5.9% spots).
3. **Termite** infestation below ETL has been observed on 12.0% spots in districts Mianwali (7.1% spots), Khushab (15.6% spots), Bhakkar (12.9% spots), Jhang (17.6% spots), Bahawalnagar (13.3% spots) and Layyah (17.6% spots).
4. Total 7.0% spots of **Wilt** attack were observed in district Mianwali (7.1% spots), Khushab (9.4% spots), Jhang (11.8% spots) and Layyah (23.5% spots).
5. Total 1.3% spots of **Root Rot** attack were observed in district Khushab (6.3% spots),

#### 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. Treat aphid infested spots with pressurized water.
4. Uproot and burn the plants affected with disease to check its spread.
5. Apply pesticides after reading instructions given on label regarding Pre-Harvest Interval (PHI) and frequency of application.