

SUMMARY OF GRAM CROP FOR 3RD 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	102	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	17.9	0.0	17.9	0.0	0.0
Khushab	6	21	2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	16.7	0.0	0.0
Bhakkar	54	375.5	40.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
Jhang	10	165	25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	20.0	0.0	0.0
Chakwal	19	18.25	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	4	8.9	0.7	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	0.0
Bahawalnagar	15	167	27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0	6.7	0.0	0.0
Muzaffargarh	5	40	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	206	75	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	25.0	0.0	10.0	0.0	0.0
Total	161	1103.65	192.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	14.3	0.0	6.8	0.0	0.0

OBSERVATION

1. Total 161 spots of Gram fields comprising area of 1103.65 acres in 9 districts were surveyed for pests..
2. **Pod Borer** infestation below ETL has been observed on 0.6% spots in districts Layyah (5.0% spots).
3. **Termite** infestation below ETL has been observed on 14.3% spots in districts Mianwali (17.9% spots),Khushab (16.7% spots), Bhakkar (13.0% spots), Jhang (20.0% spots), Attock (25.0% spots), Bahawalnagar (13.3% spots) and Layyah (25.0% spots).
4. Total 6.8% spots of **Wilt** attack were observed in district Mianwali (17.9% spots), Khushab (16.7% spots), Jhang (20.0% spots), Bahawalnagar (6.7% spots) and Layyah (10.0% 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 benzoate1.9 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.