

SUMMARY OF GRAM CROP FOR 2nd WEEK OF FEBRUARY ,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	20	60	8	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	10.0	0.0	5.0	0.0	0.0
Khushab	21	110	23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	0.0	14.3	0.0	0.0
Bhakkar	39	151	3	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	15.4	0.0	0.0	0.0	0.0
Jhang	18	63	11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	22.2	0.0	0.0
Chakwal	5	7	0.63	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40.0	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	30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	6.7	0.0	0.0
Muzaffargarh	4	39	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	272	128	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	35.3	0.0	11.8	0.0	0.0
<b>Total</b>	<b>141</b>	<b>876.2</b>	<b>203.63</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>3.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>16.3</b>	<b>1.4</b>	<b>7.8</b>	<b>0.0</b>	<b>0.0</b>

#### OBSERVATION

- Total 141 spots of Gram fields comprising area of 876.2 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation below ETL has been observed on 3.5% spots in districts Mianwali (15.0% spots), Bhakkar (2.6% spots) and Layyah (5.9% spots).
- Termite** infestation below ETL has been observed on 16.3% spots in districts Mianwali (10.0% spots), Khushab (14.3% spots), Bhakkar (15.4% spots), Jhang (16.7% spots), Bahawalnagar (20.0% spots) and Layyah (35.3% spots).
- Total 1.4% spots of **Blight** attack were observed in district Chakwal (40.0% spots).
- Total 7.8% spots of **Wilt** attack were observed in district Mianwali (5.0% spots), Khushab (14.3% spots), Jhang (22.2% spots), Bahawalnagar (6.7% spots) and Layyah (11.8% spots).

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