

SUMMARY OF GRAM CROP FOR 2ND WEEK OF MARCH ,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	81	24	0.0	0.0	0.0	0.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
Khushab	16	34	17	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	37.5	0.0	25.0	12.5	0.0
Bhakkar	70	341	70	0.0	0.0	0.0	0.0	0.0	0.0	18.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Jhang	17	82	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.5	0.0	23.5	0.0	0.0
Chakwal	6	7	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0
Attock	2	3.4	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	14	139	27	0.0	0.0	0.0	0.0	0.0	0.0	21.4	21.4	0.0	0.0	7.1	0.0	0.0	0.0	0.0
Muzaffargarh	8	171	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	18	277	139	5.6	0.0	0.0	0.0	0.0	0.0	22.2	0.0	0.0	0.0	27.8	0.0	0.0	0.0	0.0
<b>Total</b>	<b>171</b>	<b>1135.4</b>	<b>287.125</b>	<b>0.6</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>15.8</b>	<b>1.8</b>	<b>0.0</b>	<b>0.0</b>	<b>9.4</b>	<b>0.6</b>	<b>5.8</b>	<b>1.2</b>	<b>0.0</b>

#### OBSERVATION

- Total 171 spots of Gram fields comprising area of 1135.4 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 0.6% spots in districts Layyah (5.6% spots) and below ETL has been observed on 15.8% spots in districts Mianwali (25.0% spots), Khushab (12.5% spots), Bhakkar (18.6% spots), Bahawalnagar (21.4% spots) and Layyah (22.2% spots)
- Aphid** infestation below ETL has been observed on 1.8% spots in districts Bahawalnagar (21.4% spots)
- Termite** infestation below ETL has been observed on 9.4% spots in districts Khushab (37.5% spots), Jhang (23.5% spots), Bahawalnagar (7.1% spots) and Layyah (27.8% spots).
- Total 0.6% spots of **Blight** attack were observed in district Mianwali (16.7% spots).
- Total 5.8% spots of **Wilt** attack were observed in district Mianwali (10.0% spots), Khushab (25.0% spots) and Jhang (23.5% spots).
- Total 1.2% spots of **Root Rot** attack were observed in district Khushab (12.5% 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.