

SUMMARY OF GRAM CROP FOR 4TH 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	79	20	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	0.0
Khushab	13	53	26	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	0.0	0.0	46.2	23.1	23.1	15.4	0.0
Bhakkar	85	372	137	0.0	0.0	0.0	0.0	0.0	0.0	25.9	12.9	0.0	0.0	2.4	0.0	0.0	0.0	0.0
Jhang	19	296	10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0
Chakwal	7	5.5	0.25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	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	13	138	34	0.0	0.0	0.0	0.0	0.0	0.0	23.1	0.0	0.0	0.0	15.4	0.0	23.1	0.0	0.0
Muzaffargarh	10	220	0	0.0	0.0	0.0	0.0	0.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Layyah	18	240	100	5.6	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	16.7	0.0	5.6	0.0	0.0
<b>Total</b>	<b>187</b>	<b>1410.7</b>	<b>327.25</b>	<b>0.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>21.4</b>	<b>5.9</b>	<b>0.0</b>	<b>0.0</b>	<b>7.0</b>	<b>2.7</b>	<b>7.0</b>	<b>1.1</b>	<b>0.0</b>

#### OBSERVATION

- Total 187 spots of Gram fields comprising area of 1410.7 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 0.5% spots in districts Layyah (5.6% spots) and below ETL has been observed on 21.4% spots in districts Mianwali (20.0% spots), Khushab (15.4% spots), Bhakkar (25.9% spots), Bahawalnagar (23.1% spots), Muzaffargarh (30.0% spots) and Layyah (33.3% spots)
- Aphid** infestation below ETL has been observed on 5.9% spots in districts Bhakkar (12.9% spots).
- Termite** infestation below ETL has been observed on 7.0% spots in districts Khushab (46.2% spots), Bhakkar (2.4% spots), Bahawalnagar (15.4% spots) and Layyah (16.7% spots).
- Total 2.7% spots of **Blight** attack were observed in district Khushab (23.1% spots) and Chakwal (28.6% spots).
- Total 7.0% spots of **Wilt** attack were observed in district Mianwali (10.0% spots), Khushab (23.1% spots), Jhang (21.1% spots), Bahawalnagar (23.1% spots) and Layyah (5.6% spots)..
- Total 1.1% spots of **Root Rot** attack were observed in district Khushab (15.4% 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.