

SUMMARY OF GRAM CROP FOR 1ST WEEK OF APRIL ,2021																			
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	Army worm	Termite	Pod Borer	Aphid	Grass hopper	Cut worm	Army worm	Termite				
Khushab	18	32	19	0.0	0.0	0.0	0.0	0.0	5.6	5.6	0.0	0.0	0.0	0.0	61.1	0.0	27.8	0.0	0.0
Jhang	13	51	9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.4	0.0	15.4	0.0	0.0
Chakwal	7	8	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.3	14.3	14.3	0.0	0.0
Bahawalnagar	18	113	37	0.0	0.0	0.0	0.0	0.0	0.0	5.6	33.3	0.0	0.0	0.0	22.2	0.0	0.0	0.0	0.0
Muzaffargarh	5	62	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	0.0
Layyah	19	160	109	26.3	0.0	0.0	0.0	0.0	0.0	31.6	0.0	0.0	0.0	0.0	15.8	0.0	26.3	0.0	0.0
<b>Total</b>	<b>80</b>	<b>426</b>	<b>174.875</b>	<b>6.3</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>1.3</b>	<b>10.0</b>	<b>7.5</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>26.3</b>	<b>1.3</b>	<b>16.3</b>	<b>0.0</b>	<b>0.0</b>

#### OBSERVATION

- Total 80 spots of Gram fields comprising area of 426 acres in 6 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 6.3% spots in district Layyah (26.3% spots) as well as infestation below ETL has been observed on 10.0% spots in district Khushab (5.6% spots), Bahawalnagar (5.6% spots) and Layyah (31.6% spots).
- Aphid** infestation below ETL has been observed on 7.5% spots in district Bahawalnagar (33.3% spots).
- Termite** infestation above ETL has been observed on 1.3% spots in district Khushab (5.6% spots) as well as infestation below ETL has been observed on 26.3% spots in districts Khushab (61.1% spots), Jhang (15.4% spots), Chakwal (14.3% spots), Bahawalnagar (22.2% spots) and Layyah (15.8% spots).
- Total 1.3% spots of Wilt attack were observed in district Chakwal.
- Total 16.3% spots of **Wilt** attack were observed in district Khushab, Jhang, Chakwal and Layyah.

#### 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.
- Uproot and burn the plants affected with disease to check its spread.