

SUMMARY OF GRAM CROP FOR 3RD WEEK OF FEBRUARY ,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	13	33	18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	46.2	0.0	15.4	0.0	0.0
Bhakkar	75	310	88	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	12.0	0.0	17.3	0.0	0.0
Jhang	18	97	22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.3	0.0	0.0	0.0	0.0
Chakwal	9	5	1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	44.4	11.1	0.0	0.0	0.0
Rawalpindi	22	92	31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.6	0.0	13.6	0.0	0.0
Bahawalnagar	13	189	14	0.0	0.0	0.0	0.0	7.7	0.0	0.0	15.4	0.0	0.0	0.0	15.4	0.0	7.7	0.0	0.0
Muzaffargarh	6	77	52	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	16.7	0.0	33.3	0.0	0.0
Layyah	20	310	146	0.0	0.0	0.0	0.0	0.0	0.0	15.0	0.0	0.0	0.0	0.0	25.0	0.0	35.0	0.0	0.0
<b>Total</b>	<b>176</b>	<b>1113</b>	<b>371.625</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.6</b>	<b>0.0</b>	<b>1.7</b>	<b>3.4</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>20.5</b>	<b>0.6</b>	<b>15.9</b>	<b>0.0</b>	<b>0.0</b>

#### OBSERVATION

- Total 176 spots of Gram fields comprising area of 1113 acres in 8 districts were surveyed for pests..
- Armyworm** infestation above ETL has been observed on 0.6% spots in district Bahawalnagar (7.7 spots).
- Pod Borer** infestation below ETL has been observed on 1.7% spots in district Layyah (15.0 spots).
- Aphid** infestation below ETL has been observed on 3.4% spots in district Bhakkar (4.0 spots), Bahawalnagar (15.4% spots) and M.Garh (16.7% spots).
- Termite** infestation below ETL has been observed on 20.5% spots in districts Khushab (46.2% spots), Bhakkar (12.0% spots), Jhang (33.3% spots), Chakwal (44.4% spots), Rawalpindi (13.6% spots), Bahawalnagar (15.4%), M.Garh (16.7% spots) and Layyah (25.0% spots).
- Total 0.6% spots of **Blight** attack were observed in district Chakwal.
- Total 15.9% spots of **Wilt** attack were observed in district Khushab, Bhakkar, Rawalpindi, Bahawalnagar, M.Garh 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.