

SUMMARY OF GRAM CROP FOR 4TH WEEK OF MARCH ,2022

District	Total Spots Visited	Area Surveyed (Acres)	Area Affected (Acres)	Insect Pest (Spots)											Disease Incidence (Spots)				
				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	Termite					
Mianwali	22	87	3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.55	0.00	0.00	0.00	9.09	0.00	4.55	0.00	0.00
Khushab	11	90	47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	36.36	0.00	27.27	0.00	0.00
Bhakkar	31	174	71	0.00	0.00	0.00	0.00	0.00	0.00	6.45	3.23	0.00	0.00	0.00	32.26	3.23	16.13	0.00	0.00
Jhang	10	176	11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00
Chakwal	5	2.625	0.375	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00
Bahawalnagar	18	124	54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Muzaffar Garh	16	117	43	0.00	0.00	0.00	0.00	6.25	0.00	31.25	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Layyah	50	699	580	12.00	0.00	0.00	0.00	0.00	0.00	46.00	6.00	0.00	0.00	36.00	4.00	8.00	0.00	0.00	0.00
Total	163	1469.63	809.375	1.50	0.00	0.00	0.00	0.78	0.81	10.63	9.43	0.00	0.00	14.21	0.90	15.74	0.00	0.00	0.00

OBSERVATION

- Total 163 spots of Gram fields comprising area of 1469.63 acres in 8 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 1.50% spots in district Layyah (12.00% spots) as well as infestation below ETL has been observed on 10.63% spots in districts Mianwali (4.55% spots), Bhakkar (3.23% spots), M.Garh (31.25% spots) and Layyah (46.00% spots).
- Aphid** infestation below ETL has been observed on 9.43% spots in districts Bahawalnagar (44.44% spots), M.Garh (25.00% spots) and Layyah (6.00% spots).
- Armyworm** infestation above ETL has been observed on 0.78% spots in districts M.Garh (6.25% spots).
- Termite** infestation Above ETL has been observed on 0.81% spots in district Bhakkar (6.45% spots) and below ETL has been observed on 14.21% spots in districts Mianwali (9.09% spots), Khushab (36.36% spots), Bhakkar (32.26% spots) and Layyah (36.00% spots).
- Total 0.90% spots of **Blight** attack were observed in districts Bhakkar and Layyah.
- Total 15.74% spots of **Wilt** attack were observed in districts Mianwali, Khushab, Bhakkar, 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.