

SUMMARY OF GRAM CROP FOR 2ND WEEK OF APRIL ,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	50	279	119	4.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0	0.0	38.0	6.0	0.0	0.0
Khushab	48	184	93	0.0	0.0	0.0	0.0	0.0	0.0	14.6	0.0	0.0	0.0	37.5	37.5	25.0	10.4	0.0
Bhakkar	92	445	349	5.4	0.0	0.0	0.0	0.0	0.0	23.9	10.9	0.0	0.0	5.4	75.0	0.0	0.0	0.0
Jhang	15	66	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
Chakwal	5	3.25	0.125	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20.0	0.0	0.0	0.0
Attock	3	10	0.5	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
Bahawalnagar	14	192	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
Muzaffargarh	5	109	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	33	401	102	0.0	0.0	0.0	0.0	0.0	0.0	24.2	0.0	0.0	0.0	24.2	30.3	0.0	0.0	0.0
Total	265	1689.25	663.625	2.6	0.0	0.0	0.0	0.0	0.0	15.5	3.8	0.0	0.0	11.7	44.5	5.7	1.9	0.0

OBSERVATION

- Total 265 spots of Gram fields comprising area of 1689.25 acres in 9 districts were surveyed for pests..
- Pod Borer** infestation above ETL has been observed on 2.6% spots in districts Mianwali (4.0% spots), Bhakkar (5.4% spots) and below ETL has been observed on 15.5% spots in districts Mianwali (8.0% spots), Khushab (14.6% spots), Bhakkar (23.9% spots) and Layyah (24.2% spots).
- Aphid** infestation below ETL has been observed on 3.8% spots in districts Bhakkar (10.9% spots).
- Termite** infestation below ETL has been observed on 11.7% spots in districts Khushab (37.5% spots), Bhakkar (5.4% spots) and Layyah (24.2% spots).
- Total 44.5% spots of **Blight** attack were observed in district Mianwali (38.0% spots), Khushab (37.5% spots), Bhakkar(75.0% spots), Chakwal (20.0% spots), Attock (33.3% spots) and Layyah (30.3% spots).
- Total 5.7% spots of **Wilt** attack were observed in district Mianwali (6.0% spots) and Khushab (25.0% spots).
- Total 1.9% spots of **Root Rot** attack were observed in district Khushab (10.4% 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.