

District	Total Spots Visited	Total Area Surveyed (Acres)	Fungicide Treatment				Insect Pest							Beneficials/ spike	Disease Incidence					
			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others	
							Aphid	ABW	AW	Other	Aphid	ABW	Other							
T.T.SING	96	342	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.04	0.00	0.00	0.00	0.00
CHINIOT	92	624	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.09	0.00	0.00	0.00
FAISALABAD	114	374	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.00
SARGODHA	161	901.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL COTTON ZONE	2496	16179.5	0	0.00	0	0.00	0.00	0.00	0.60	0.00	6.93	0.28	0.12	0-1.2	0.16	0.04	0.00	0.00	0.00	0.04
BARANI ZONE																				
MIANWALI	40	215	0	0.00	0	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.1-0.5	22.50	0.00	0.00	0.00	0.00	
BHAKHAR	165	605	9	5.45	43	7.11	0.00	0.00	0.00	0.00	4.85	0.00	0.00	0.01-0.2	5.45	0.00	0.00	0.00	0.00	
LAYYAH	128	653	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
CHAKWAL	65	172.6	0	0.00	0	0.00	0.00	0.00	0.00	0.00	9.23	0.00	0.00	0.00	0.00	0.00	18.46	0.00	0.00	
JHELUM	62	441.6	3	4.84	12	2.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.84	0.00	0.00	
ATTOCK	34	385.7	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.41	0.00	0.00	
RAWALPINDI	60	123	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.2- 0.6	0.00	0.00	6.67	0.00	0.00	
KHUSHAB	42	268	0	0.00	0	0.00	0.00	0.00	0.00	0.00	11.90	0.00	0.00	0.05-0.05	9.52	2.38	2.38	0.00	0.00	
TOTAL BARANI ZONE	596	2863.9	12	2.01	55	1.92	0.00	0.00	0.00	0.00	5.87	0.00	0.00	0-0.6	3.69	0.17	5.03	0.00	0.00	
G.TOTAL 2022	3945	26891.9	323	8.19	3396	12.63	0.00	0.00	0.38	0.00	6.77	0.18	0.08	0-1.2	0.84	0.74	0.89	0.00	0.03	

OBSERVATIONS

- Total 3945 spots of wheat fields comprising area of 26891.9 acres in 36 districts were surveyed for pests.
- The attack of **Wheat Aphid** has been observed below ETL (6.77% spots) in Districts Gujranwala (10.39% spots), Hafizabad (14.47% spots), Sheikhpura (2.84% spots), Sialkot (3.03% spots), Narowal (13.13% spots), Gujrat (16.28% spots), M.M.Din (6.56% spots), Lahore (14.29% spots), B.Nagar (44.56% spots), D.G.Khan (9.74% spots), M.Garh (32.14% spots), Mianwali (40.00% spots), Bhakkar (4.85% spots), Chakwal (9.23% spots) and Khushab (11.90% spots).
- Army Worm** infestation 0.38% spots has been observed Above ETL in districts Multan (4.48% spots), Sahiwal (2.50% spots) and R.Y.Khan (3.50% spots)..
- American Bollworm** infestation 0.18% spots has been observed Below ETL in district R.Y.Khan (3.50% spots).
- Smut** incidence 0.84% spots has been observed in district S.Pura (1.70% spots), M.B.Din (4.92% spots), Kasur (0.88% spots), T.T.Singh (1.04% spots), Faisalabad (2.63% spots), Mianwali (22.50% spots), Khushab (9.52% spots) and Bhakkar (5.45% spots) .
- Brown Rust** incidence 0.74% spots has been observed in districts Gujranwala (3.90% spots), Sheikhpura (2.84% spots), M.B.Din (6.56% spots), Kasur (1.77% spots), Lahore (1.79% spots), Sialkot (2.02% spots), Narowal (6.06% spots), Gujrat (9.30% spots), Chiniot (1.09% spots) and Khushab (2.38% spots).
- Yellow Rust** incidence 0.89% spots has been observed in districts Hafizabad (2.63% spots), M.B.Din (1.64% spots), Lahore (3.57% spots), Chakwal (18.46% spots), Jehlum (4.84% spots), Attock (29.41% spots), Rawalpindi (6.67% spots) and Khushab (2.38% spots).
- Up till now 12.63% area has been treated with fungicides.

RECOMMENDATIONS

- Farmers are being advised to spray appropriate weedicides on their crops as last resort.
- Balanced use of fertilizers and biological agents may hamper the Aphid population.
- Spray suitable fungicide in case of severe infection of Rust.
- Fungicide Seed treatments are effective in managing Flag Smut