

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND WEEK OF MARCH, 2022

DISTRICT WISE SUMMARY

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						
RICE ZONE																			
GUJRANWALA	90	1153	25	27.78	434.5	37.68	0.00	0.00	0.00	0.00	22.22	0.00	0.00	0.001 - 0.0025	1.11	0.00	30.00	0.00	0.00
HAFIZABAD	85	969	25	29.41	357	36.84	0.00	0.00	0.00	0.00	34.12	0.00	0.00	0.01-0.02	11.76	0.00	20.00	0.00	0.00
SHEIKHUPURA	165	1197	36	21.82	360	30.08	0.00	0.00	0.00	0.00	9.70	0.00	0.00	0.002-0.2	6.67	1.82	4.85	0.00	0.00
SIALKOT	82	729	16	19.51	106	14.54	0.00	0.00	0.00	0.00	20.73	0.00	0.00	0.04	0.00	0.00	35.37	0.00	0.00
NAROWAL	108	712	31	28.70	209	29.35	3.70	0.00	0.00	0.00	52.78	0.00	0.00	0.01-0.02	0.00	0.00	35.19	0.00	0.00
GUJRAT	65	610	32	49.23	432	70.82	3.08	0.00	0.00	0.00	16.92	0.00	0.00	0.00	0.00	0.00	23.08	0.00	0.00
M.B.DIN	60	267	13	21.67	68	25.47	1.67	0.00	0.00	0.00	20.00	0.00	0.00	0.01-0.05	1.67	1.67	8.33	0.00	0.00
KASUR	121	664	0	0.00	0	0.00	0.00	0.00	0.00	0.00	19.01	0.00	0.00	0.005-0.9	3.31	0.00	5.79	0.00	0.00
LAHORE	89	1102	27	30.34	423	38.38	3.37	0.00	0.00	0.00	5.62	0.00	0.00	0.03-0.1	1.12	1.12	11.24	0.00	0.00
NANKANA	99	883	6	6.06	41	4.64	0.00	0.00	0.00	0.00	14.14	0.00	0.00	0.005-0.1	5.05	0.00	4.04	0.00	0.00
TOTAL RICE ZONE	964	8286	211	21.89	2430.5	29.33	1.04	0.00	0.00	0.00	21.16	0.00	0.00	0.001-0.9	3.42	0.52	16.60	0.00	0.00
COTTON ZONE																			
MULTAN	150	1291	58	38.67	653	50.58	0.67	0.00	2.00	0.00	32.00	0.00	0.00	1.05	8.00	2.67	3.33	0.00	0.00
LODHRAN	153	1051	15	9.80	126	11.99	0.00	0.00	0.00	0.00	48.37	0.00	0.00	0.40	0.00	0.00	2.61	0.00	0.00
KHANEWAL	161	1177	11	6.83	71	6.03	0.00	0.00	0.00	0.00	33.54	0.00	0.00	0.1-1.0	6.83	1.86	1.24	0.00	0.00
VEHARI	120	999	21	17.50	165	16.52	0.83	0.00	0.00	0.00	46.67	0.00	0.00	0.01-0.5	2.50	2.50	0.00	0.00	0.00
SAHIWAL	76	283	8	10.53	42	14.84	0.00	0.00	0.00	0.00	48.68	0.00	0.00	0.57	21.05	1.32	22.37	0.00	0.00
PAKPATTAN	99	389	20	20.20	92	23.65	0.00	0.00	0.00	0.00	15.15	0.00	0.00	0.31	6.06	3.03	2.02	0.00	0.00
OKARA	82	285	13	15.85	57	20.00	0.00	0.00	0.00	0.00	36.59	0.00	0.00	0.52	1.22	0.00	19.51	0.00	0.00
BAHAWALPUR	213	1611	0	0.00	0	0.00	1.41	0.00	6.57	0.00	68.54	0.00	0.00	0.48	2.82	3.76	3.76	0.00	0.00
BAHAWALNAGAR	204	1737	0	0.00	0	0.00	0.00	0.00	0.00	0.00	53.43	0.00	0.00	0.46	0.98	3.43	1.47	0.00	0.00
JHANG	136	879	15	11.03	86	9.78	0.00	0.00	0.00	0.00	26.47	0.00	0.00	0.5-1.8	6.62	0.00	0.00	0.00	0.00
R.Y.KHAN	200	1587	0	0.00	0	0.00	2.00	0.00	0.00	0.00	24.50	0.00	0.00	0.52	5.00	2.50	1.50	0.00	0.00
D.G.KHAN	187	911	0	0.00	0	0.00	0.00	0.00	0.00	0.00	19.25	0.00	0.00	0.20	1.07	1.07	1.60	0.00	0.00
M.GARH	204	1082	0	0.00	0	0.00	0.00	0.00	0.00	0.00	39.22	0.00	0.00	0.12	3.43	0.00	12.75	0.00	0.00
RAJANPUR	150	901	0	0.00	0	0.00	0.67	0.00	0.00	0.00	42.00	0.00	0.00	1.09	0.67	0.00	2.67	0.00	0.00
T.T.SING	160	558	0	0.00	0	0.00	0.00	0.00	0.00	0.00	49.38	0.00	0.00	0.1-0.6	15.63	0.63	5.63	0.00	0.00

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			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	Other						
CHINIOT	73	486	0	0.00	0	0.00	0.00	0.00	0.00	0.00	17.81	0.00	0.00	0.00	4.11	0.00	2.74	0.00	0.00
FAISALABAD	244	1059.1	0	0.00	0	0.00	0.00	0.00	0.00	0.00	58.20	0.00	0.00	0.01-5	9.43	0.82	4.51	0.00	0.00
SARGODHA	128	869.5	2	1.56	3	0.35	0.00	0.00	0.00	0.00	71.09	0.00	0.00	0.05-0.1	1.56	0.78	14.84	0.00	0.00
TOTAL COTTON ZONE	2740	17155.6	163	5.95	1295	47.26	0.36	0.00	0.62	0.00	42.26	0.00	0.00	0-5	5.07	1.46	4.89	0.00	0.00
BARANI ZONE																			
MIANWALI	50	287	0	0.00	0	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.1-0.2	16.00	0.00	4.00	0.00	0.00
BHAKHAR	121	465	0	0.00	0	0.00	0.00	0.00	0.00	0.00	29.75	0.00	0.00	0.01-0.05	9.09	0.00	2.48	0.00	0.00
LAYYAH	135	670	0	0.00	0	0.00	2.22	0.00	0.00	0.00	51.85	0.00	0.00	0.77	10.37	0.74	2.96	0.00	0.00
CHAKWAL	52	158.75	0	0.00	0	0.00	0.00	0.00	0.00	0.00	23.08	0.00	0.00	0.001-0.008	0.00	0.00	5.77	0.00	0.00
JHELUM	28	208	11	39.29	102	49.04	0.00	0.00	0.00	0.00	28.57	0.00	0.00	0.25	0.00	0.00	3.57	0.00	0.00
ATTOCK	78	774	6	7.69	81	10.40	0.00	0.00	0.00	0.00	2.56	0.00	0.00	0.1-0.2	0.00	0.00	11.54	0.00	0.00
RAWALPINDI	30	64.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KHUSHAB	31	286	1	3.23	9	3.15	0.00	0.00	0.00	0.00	61.29	0.00	0.00	0.1-0.4	9.68	3.23	3.23	0.00	0.00
TOTAL BARANI ZONE	525	2913.25	18	3.43	192	6.57	0.57	0.00	0.00	0.00	33.52	0.00	0.00	0-0.77	6.86	0.38	4.38	0.00	0.00
G.TOTAL 2022	4229	28354.85	392	9.27	3917	13.81	0.54	0.00	0.40	0.00	36.37	0.00	0.00	0-5	4.92	1.11	7.50	0.00	0.00

OBSERVATIONS

- Total 4229 spots of wheat fields comprising area of 28354.85 acres in 36 districts were surveyed for pests.
- The attack of **Wheat Aphid** has been observed above ETL (0.54% spots) in Narowal (3.70% spots), Guirat (3.08% spots), M.B.Din (1.67% spots), Lahore (3.37% spots), Multan (0.67% spots), Vehari (0.83% spots), B.Pur (1.41% spots), R.Y.Khan (2.00% spots), Rajanpur (0.67% spots) and Layyah (2.22% spots) as well as below ETL (36.37% spots) in all Districts except Ferozwala.
- Army worm** infestation 0.40% spots has been observed in districts Bahawalpur (6.57% spots) and Multan (2.00% spots)..
- Smut** incidence 4.92% spots has been observed in district Gujranwala (1.11% spots), Hafizabad (11.76% spots), S.Pura (6.67% spots), M.B.Din (1.67% spots), Kasur (3.31% spots), Lahore (1.12% spots), Nankana (5.05% spots), Multan (8.00% spots), Khanewal (6.83% spots), Vehari (2.50% spots), Sahiwal (21.05% spots), Pakpattan (6.06% spots), Okara (1.22% spots), Bahawalpur (2.82% spots), Bahawalnagar (0.98% spots), Jhang (6.62% spots), R.Y.Khan (5.00% spots), D.G.Khan (1.07% spots), M.Garh (3.43% spots), Rajanpur (0.67% spots), T.T.Singh (15.63% spots), Chiniot (4.11% spots), Faisalabad (9.43 % spots), Sargodha (1.56% spots), Mianwali (16.00% spots), Layyah (10.37% spots), Khushab (9.68% spots) and Bhakkar (9.09% spots) .
- Brown Rust** incidence 1.11% spots has been observed in districts Sheikhpura (1.82% spots), M.B.Din (1.67% spots), Lahore (1.12% spots), Multan (2.67% spots), Khanewal (1.83% spots), Vehari (2.50% spots), Sahiwal (1.32% spots), Pakpattan (3.03% spots), Bahawalpur (3.76% spots), Bahawalnagar (3.43% spots), R.Y.khan (2.50% spots), D.G.Khan (1.07% spots), T.T.Singh (0.63% spots), Faisalabad (0.82% spots), Sargodha (0.78% spots), Layyah (0.74% spots) and Khushab (3.23% spots).
- Yellow Rust** incidence 7.50% spots has been observed in all districts except Ferozewala, Vehari, Jhang and Rawalpindi.
- Up till now 13.81% 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