

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 3RD 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	93	1169.5	36	38.71	701	59.94	3.23	0.00	0.00	0.00	37.63	3.23	0.00	0.001-0.02	1.08	0.00	21.51	0.00	0.00
HAFIZABAD	74	865	26	35.14	302	34.91	0.00	0.00	0.00	0.00	40.54	0.00	0.00	0.01-0.04	5.41	0.00	17.57	0.00	0.00
SHEIKHUPURA	254	1929	69	27.17	738	38.26	0.00	0.00	0.00	0.00	9.45	0.00	0.00	0.01-0.2	3.54	1.18	5.12	0.00	0.00
SIALKOT	101	1038.5	43	42.57	529	50.94	0.00	0.00	0.00	0.00	20.79	0.00	0.00	0.02-0.07	3.96	0.00	37.62	0.00	0.00
NAROWAL	120	755	62	51.67	478	63.31	0.00	0.00	0.00	0.00	45.83	0.00	0.00	0.01-0.04	0.83	2.50	34.17	0.00	0.00
GUJRAT	59	821	38	64.41	690	84.04	3.39	0.00	0.00	0.00	23.73	0.00	0.00	0.003-0.009	0.00	0.00	30.51	0.00	0.00
M.B.DIN	61	407	14	22.95	120	29.48	3.28	0.00	0.00	0.00	22.95	0.00	0.00	0.01-0.011	1.64	3.28	6.56	0.00	0.00
KASUR	124	654	0	0.00	0	0.00	0.00	0.00	0.00	0.00	12.10	0.00	0.00	0.15-1.81	3.23	0.00	7.26	0.00	0.00
LAHORE	84	792	56	66.67	595	75.13	0.00	0.00	0.00	0.00	8.33	0.00	0.00	0.02-0.09	0.00	0.00	10.71	0.00	0.00
NANKANA	72	405.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	83.33	0.00	0.00	0.04-2.2	8.33	0.00	0.00	0.00	0.00
TOTAL RICE ZONE	1042	8836.5	344	33.01	4153	47.00	0.67	0.00	0.00	0.00	26.39	0.29	0.00	0-2.2	2.88	0.77	15.83	0.00	0.00
COTTON ZONE																			
MULTAN	157	1242	22	14.01	227	18.28	1.27	0.00	2.55	0.00	29.30	0.00	0.00	1.60	7.01	1.27	2.55	0.00	0.64
LODHRAN	180	1076	16	8.89	86	7.99	0.56	0.00	0.00	0.00	31.11	0.00	0.00	0.30	5.00	0.56	1.11	0.00	0.00
KHANEWAL	161	1440	18	11.18	228	15.83	0.00	0.00	0.00	0.00	39.75	0.00	0.00	0.1-1.0	5.59	1.86	0.00	0.00	0.00
VEHARI	120	973	19	15.83	121	12.44	3.33	0.00	0.00	0.00	33.33	0.00	0.00	0.01-0.02	1.67	1.67	1.67	0.00	0.00
SAHIWAL	94	433	8	8.51	59	13.63	0.00	0.00	0.00	0.00	47.87	0.00	0.00	0.73	18.09	8.51	28.72	0.00	0.00
PAKPATTAN	83	359	18	21.69	102	28.41	0.00	0.00	0.00	0.00	16.87	0.00	0.00	0.82	6.02	2.41	6.02	0.00	0.00
OKARA	81	305	10	12.35	43	14.10	0.00	0.00	0.00	0.00	34.57	0.00	0.00	0.68	6.17	0.00	18.52	0.00	0.00
BAHAWALPUR	226	1806	0	0.00	0	0.00	0.88	0.00	6.64	0.00	34.51	0.00	0.00	0.51	3.10	0.00	1.33	0.00	0.00
BAHAWALNAGAR	205	1775	0	0.00	0	0.00	0.00	0.00	0.00	0.00	76.59	0.00	0.00	0.72	0.00	4.88	0.00	0.00	0.00
JHANG	155	904	15	9.68	46	5.09	1.29	0.00	0.00	0.00	23.23	0.00	0.00	0.1-1.6	20.00	1.94	1.29	0.00	0.00
R.Y.KHAN	195	1692	0	0.00	0	0.00	1.03	0.00	0.00	0.00	29.74	0.00	0.00	0.30	3.59	5.64	1.03	0.00	0.00
D.G.KHAN	189	918	0	0.00	0	0.00	0.00	0.00	0.00	0.00	12.70	0.00	0.00	0.42	1.06	1.59	2.12	0.00	2.12
M.GARH	220	1370	0	0.00	0	0.00	3.18	0.00	0.00	0.00	57.73	0.00	0.00	0.25	5.00	2.27	13.18	0.00	0.00
RAJANPUR	154	755	0	0.00	0	0.00	0.65	0.00	0.00	0.00	21.43	0.00	0.00	0.25	0.65	0.00	0.65	0.00	0.00

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							Aphid	ABW	AW	Other	Aphid	ABW	Other						
T.T.SING	149	533	0	0.00	0	0.00	0.00	0.00	0.00	0.00	54.36	0.00	0.00	0.02-0.5	11.41	6.71	10.07	0.00	0.00
CHINIOT	86	487	0	0.00	0	0.00	0.00	0.00	0.00	0.00	30.23	0.00	0.00	0.2-0.8	5.81	0.00	9.30	0.00	0.00
FAISALABAD	211	892.4	0	0.00	0	0.00	0.47	0.00	0.00	0.00	58.29	0.00	0.00	0.1-2.5	9.48	1.42	5.21	0.00	0.00
SARGODHA	189	1199.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	52.91	0.00	0.00	0.05-0.2	1.59	1.06	8.99	0.00	0.00
TOTAL COTTON ZONE	2855	18159.9	126	4.41	912	31.94	0.77	0.00	0.67	0.00	39.79	0.00	0.00	0-2.5	5.67	2.28	5.15	0.00	0.18
BARANI ZONE																			
MIANWALI	40	208	0	0.00	0	0.00	0.00	0.00	0.00	0.00	52.50	0.00	0.00	0.2-0.5	25.00	0.00	5.00	0.00	0.00
BHAKHAR	154	593	0	0.00	0	0.00	0.00	0.00	0.00	0.00	71.43	0.00	0.00	0.01-0.3	9.74	0.00	1.95	0.00	0.00
LAYYAH	146	750	2	1.37	6	0.80	0.68	0.00	0.00	0.00	56.85	0.00	0.00	0.36	11.64	0.00	5.48	0.00	5.48
CHAKWAL	55	180.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	16.36	0.00	0.00	0.002-0.008	0.00	0.00	10.91	0.00	0.00
JHELUM	45	339.2	15	33.33	107	31.54	0.00	0.00	0.00	0.00	24.44	0.00	0.00	0.25-0.5	0.00	0.00	6.67	0.00	0.00
ATTOCK	123	787.7	33	26.83	195	24.76	0.00	0.00	0.00	0.00	14.63	0.00	0.00	0.1-0.4	0.00	0.00	14.63	0.00	0.00
RAWALPINDI	55	129.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	60.00	0.00	0.00	0.2- 1.2	1.82	0.00	9.09	0.00	0.00
KHUSHAB	37	220	0	0.00	0	0.00	0.00	0.00	0.00	0.00	56.76	0.00	0.00	0.05-0.4	13.51	0.00	2.70	0.00	0.00
TOTAL BARANI ZONE	655	3207.9	50	7.63	308	9.60	0.15	0.00	0.00	0.00	46.72	0.00	0.00	0-1.2	7.33	0.00	7.02	0.00	1.22
G.TOTAL 2022	4552	30204.3	520	11.42	5373	17.79	0.66	0.00	0.42	0.00	37.72	0.07	0.00	0-5	5.27	1.60	7.86	0.00	0.29

OBSERVATIONS

- Total 4552 spots of wheat fields comprising area of 30204.3 acres in 36 districts were surveyed for pests.
- The attack of **Wheat Aphid** has been observed above ETL (0.66% spots) in Gujranwala (3.23% spots), Gujrat (3.39% spots), M.B.Din (3.28% spots), Multan (1.27% spots), Lodhran (0.56% spots), Vehari (3.33% spots), B.Pur (0.88% spots), Jhang (1.29% spots), R.Y.Khan (1.03% spots), M.Garh (3.18% spots), Rajanpur (0.65% spots), Faisalabad (0.47% spots) and Layyah (0.68% spots) as well as below ETL (37.72% spots) in all Districts.
- Army worm** infestation 0.42% spots has been observed in districts Bahawalpur (6.64% spots) and Multan (2.55% spots)..
- Smut** incidence 5.27% spots has been observed in district Gujranwala (1.08% spots), Hafizabad (5.41% spots), S.Pura (3.54% spots), Sialkot (3.96% spots), Narowal (0.83% spots), M.B.Din (1.64% spots), Kasur (3.23% spots), Nankana (8.33% spots), Multan (7.01% spots), Lodhran (5.00% spots), Khanewal (5.59% spots), Vehari (1.67% spots), Sahiwal (18.09% spots), Pakpattan (6.02% spots), Okara (6.17% spots), Bahawalpur (3.10% spots), Jhang (20.00% spots), R.Y.Khan (3.59% spots), D.G.Khan (1.06% spots), M.Garh (5.00% spots), Rajanpur (0.65% spots), T.T.Singh (11.41% spots), Chiniot (5.81% spots), Faisalabad (9.48 % spots), Sargodha (1.59% spots), Mianwali (25.00% spots), Layyah (11.64% spots), Khushab (13.51% spots), Rawalpindi (1.82% spots) and Bhakkar (9.74% spots) .
- Brown Rust** incidence 1.60% spots has been observed in districts Sheikhpura (1.18% spots), Narowal (2.50% spots), M.B.Din (3.28% spots), Multan (1.27% spots), Lodhran (0.56% spots), Khanewal (1.86% spots), Vehari (1.67% spots), Sahiwal (8.51% spots), Pakpattan (2.41% spots), Bahawalnagar (4.88% spots), Jhang (1.94% spots) R.Y.khan (5.64% spots), D.G.Khan (1.59% spots), M.Garh (2.27% spots), T.T.Singh (6.71% spots), Faisalabad (1.42% spots), Sargodha (1.06% spots).
- Yellow Rust** incidence 7.86% spots has been observed in all districts except Bahawalnagar, Khanewal and Nankana.
- Up till now 17.79% 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