

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 1ST WEEK OF APRIL, 2023																			
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	73	566	54	73.97	471	83.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.37	5.48	0.00	0.00
HAFIZABAD	82	1342.5	50	60.98	956	71.21	0.00	0.00	0.00	0.00	4.88	0.00	0.00	0.03	0.00	13.41	15.85	0.00	0.00
WAZIRABAD	27	250.5	23	85.19	225	89.82	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
SHEIKHUPURA	244	1689	90	36.89	635	37.60	0.00	0.00	0.00	0.00	3.69	0.00	0.00	0.05-1	2.46	1.23	3.69	0.00	0.00
SIALKOT	113	1476.5	45	39.82	570.5	38.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00
NAROWAL	84	608	56	66.67	435	71.55	0.00	0.00	0.00	0.00	10.71	0.00	0.00	0.00	0.00	3.57	1.19	0.00	0.00
GUJRAT	44	297.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	11.36	0.00	0.00	0.00	0.00	0.00	4.55	0.00	0.00
M.B.DIN	55	397	28	50.91	210	52.90	0.00	0.00	0.00	0.00	3.64	0.00	0.00	0.01	1.82	14.55	9.09	0.00	0.00
KASUR	137	723	40	29.20	17	2.35	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.001-0.005	0.00	2.19	4.38	0.00	0.00
LAHORE	106	1147	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.92	0.00	0.00	0.00
NANKANA	47	398	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
TOTAL RICE ZONE	1012	8895	386	38.14	3520	39.57	0.49	0.00	0.00	0.00	2.87	0.00	0.00	0-1	0.69	5.04	3.95	0.00	0.00
COTTON ZONE																			
MULTAN	145	1186	0	0.00	0	0.00	0.00	0.00	6.21	0.00	1.38	0.00	0.69	0.00	2.07	0.00	0.00	0.00	0.00
LODHRAN	150	1291	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
KHANEWAL	169	1107	0	0.00	0	0.00	0.00	0.00	1.78	0.00	7.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VEHARI	124	738	0	0.00	0	0.00	0.00	0.00	2.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SAHIWAL	74	283	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
PAKPATTAN	60	179	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
OKARA	65	244	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
BAHAWALPUR	185	1651	0	0.00	0	0.00	0.00	0.00	0.00	0.00	4.32	0.00	0.00	0.02-0.1	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	233	1669	0	0.00	0	0.00	0.00	0.00	0.00	0.00	2.58	0.00	0.00	0.02-0.13	0.00	0.86	0.43	0.00	0.00
JHANG	111	581	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0.00	0.00	0.00	0.00	0.00
R.Y.KHAN	170	1050	0	0.00	0	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.03-0.25	0.00	1.18	0.00	0.00	0.00
D.G.KHAN	103	484	0	0.00	0	0.00	0.00	0.00	0.00	0.00	20.39	0.00	0.00	0.1-0.6	0.00	0.00	0.00	0.00	0.00
M.GARH	172	912	31	18.02	162	17.76	0.00	0.00	0.00	0.00	17.44	0.00	0.00	0.1-1.0	0.00	0.58	1.74	0.00	0.00
RAJANPUR	115	700	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.1-0.5	0.00	0.00	0.00	0.00	0.00
T.T.SING	133	673	0	0.00	0	0.00	0.00	0.00	0.00	0.00	9.77	0.00	0.00	0.01-1	0.00	0.00	0.00	0.00	0.00
CHINIOT	93	539	10	10.75	65	12.06	0.00	0.00	0.00	0.00	8.60	0.00	0.00	0.02	0.00	4.30	0.00	0.00	0.00

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						
SARGODHA	159	831	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.03	1.26	0.00	0.00
TOTAL COTTON ZONE	2261	14118	41	1.81	227	10.04	0.00	0.00	0.66	0.00	4.51	0.00	0.04	0-1	0.13	0.75	0.27	0.00	0.00
BARANI ZONE																			
MIANWALI	37	174	10	27.03	44	25.29	0.00	0.00	0.00	0.00	10.81	0.00	0.00	0.1-0.4	13.51	8.11	0.00	0.00	0.00
BHAKHAR	159	495	16	10.06	36	7.27	0.00	0.00	0.00	0.00	7.55	0.00	0.00	0.1-0.5	5.03	0.00	1.89	0.00	0.00
LAYYAH	99	530	25	25.25	150	28.30	0.00	0.00	0.00	0.00	13.13	0.00	0.00	0.1-1.6	5.05	4.04	0.00	0.00	0.00
CHAKWAL	28	66	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.57	14.29	0.00	0.00
JHELUM	22	115.5	2	9.09	5	3.90	0.00	0.00	0.00	0.00	13.64	0.00	0.00	0.00	0.00	0.00	4.55	0.00	0.00
ATTOCK	48	297.9	12	25.00	41	13.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.75	0.00	0.00
RAWALPINDI	67	153.3	11	16.42	17	11.15	0.00	0.00	0.00	0.00	46.27	0.00	0.00	0.01-0.7	10.45	0.00	46.27	0.00	0.00
KHUSHAB	61	241	0	0.00	0	0.00	1.64	0.00	0.00	0.00	34.43	0.00	0.00	0.05-0.3	1.64	14.75	6.56	0.00	0.00
TOTAL BARANI ZONE	521	2072.7	76	14.59	293	14.12	0.19	0.00	0.00	0.00	16.12	0.00	0.00	0-1.6	4.99	3.26	9.98	0.00	0.00
1ST WEEK OF APRIL G.TOTAL 2023	3794	25085.7	503	13.26	4039	16.10	0.16	0.00	0.40	0.00	5.67	0.00	0.03	0-1.6	0.95	2.24	2.58	0.00	0.00
4TH WEEK OF MARCH. G.TOTAL 2023	4025	27380.7	912	22.66	7545	27.55	0.22	0.00	0.30	0.00	24.52	0.00	0.00	0-5	2.04	2.16	4.77	0.00	0.02

OBSERVATIONS

- Total 3794 spots of wheat fields comprising area of 25085.7 acres in 37 districts were surveyed for pests.
- The attack of **Wheat Aphid** has been observed above ETL (0.16% spots) in Kasur (3.65% spots) and Khushab (1.64% spots) as well as the attack of Wheat Aphid been observed below ETL (5.67% spots) in all the district except Gujranwala, Wazirabad, Sialkot, Kasur, Lahore, Nankana, Lodhran, Vehari, Sahiwal, Pakpattan, Okara, Jhang, Rajanpur, Sargodha, Chakwal and Attock .
- The attack of **Armyworm** has been observed above ETL (0.40% spots) in Multan (6.21% spots), Khanewal (1.75% spots) and Vehari (2.42% spots).
- Smut** incidence 0.95% spots has been observed in districts Sheikhupura (2.46% spots), M.B.Din (1.82% spots), Multan (2.07% spots), Mianwali (13.51% spots), Bhakkar (5.03% spots), Layyah (5.05% spots), Khushab(1.64% spots) and Rawalpindi (10.45% spots).
- Brown Rust** incidence 2.24% spots has been observed in districts Gujranwala (1.37% spots), Hafizabad (13.41% spots), S.Pura(1.23% spots), Sialkot (2.65% spots), Narowal (3.57% spots), M.B.Din(14.55% spots), Kasur (2.19% spots), Lahore (17.92% spots), Bahawalnagar (0.86% spots), R.Y.Khan (1.18% spots), M.Garh (0.58% spots), Chiniot (4.30% spots), Sargodha (5.03% spots), Mianwali (8.11% spots), Layyah (4.04% spots), Chakwal (3.57% spots) and Khushab (14.75% spots).
- Yellow Rust** incidence 2.58% spots has been observed in all district except Wazirabad, Sialkot, Lahore, Nankana, Multan, Lodhran, Khanewal, Vehari, Sahiwal, Pakpattan, Okara, Bahawalpur, Jhang, R.Y.khan, D.G.Khan, Rajanpur, T.T.Singh, Chiniot, Mianwali and Layyah.
- Other** disease incidence 0.03% spots has been observed in district Multan (0.69% spots).
- Up till now 16.10% area has been treated with fungicides.

RECOMMENDATIONS

- Balanced use of fertilizers and biological agents may hamper the Aphid population.
- Spray suitable fungicide in case of severe incidence of Rust.