

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF MARCH, 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	121	1646.5	74	61.16	1100	66.78	0.00	0.00	0.00	0.00	2.48	0.00	0.00	0.00	2.48	2.48	6.61	0.00	0.00
HAFIZABAD	89	1027	46	51.69	514	50.05	0.00	0.00	0.00	0.00	4.49	0.00	0.00	0.09	2.25	7.87	12.36	0.00	0.00
SHEIKHUPURA	186	1226	86	46.24	701	57.18	0.00	0.00	0.00	0.00	15.05	0.00	0.00	0.05-0.2	1.61	1.61	4.84	0.00	0.00
SIALKOT	110	1249	89	80.91	1089	87.19	0.00	0.00	0.00	0.00	3.64	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00
NAROWAL	127	893	108	85.04	770	86.23	0.00	0.00	0.00	0.00	14.96	0.00	0.00	0.00	0.00	2.36	0.00	0.00	0.00
GUJRAT	40	300	13	32.50	124	41.33	0.00	0.00	0.00	0.00	45.00	0.00	0.00	1.03	0.00	0.00	20.00	0.00	0.00
M.B.DIN	61	331	26	42.62	150	45.32	0.00	0.00	0.00	0.00	14.75	0.00	0.00	0.08	3.28	6.56	18.03	0.00	0.00
KASUR	132	758	34	25.76	199	26.25	5.30	0.00	0.00	0.00	0.00	0.00	0.00	0.01-0.09	0.00	3.79	7.58	0.00	0.00
LAHORE	89	851	47	52.81	475	55.82	0.00	0.00	0.00	0.00	4.49	0.00	0.00	0.001-0.006	0.00	8.99	6.74	0.00	1.12
NANKANA	51	470.5	6	11.76	29	6.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.001-0.1	1.96	0.00	9.80	0.00	0.00
TOTAL RICE ZONE	1006	8752	529	52.58	5151	58.85	0.70	0.00	0.00	0.00	8.85	0.00	0.00	0-1.03	1.09	3.28	7.85	0.00	0.10
COTTON ZONE																			
MULTAN	151	1222	22	14.57	213	17.43	0.00	0.00	3.31	0.00	4.64	0.00	0.00	0.1-1.8	2.65	0.00	0.00	0.00	0.00
LODHRAN	140	1311	7	5.00	35	2.67	0.00	0.00	0.00	0.00	17.14	0.00	0.00	0.3-1.7	0.00	0.00	0.00	0.00	0.00
KHANEWAL	183	1392	41	22.40	535	38.43	0.00	0.00	0.00	0.00	19.67	0.00	0.00	0.2-1.0	1.64	1.64	0.00	0.00	0.00
VEHARI	134	1159	8	5.97	46	3.97	0.00	0.00	0.75	0.00	29.85	0.00	0.00	0.1-1.5	0.00	0.00	0.75	0.00	0.00
SAHIWAL	82	380	17	20.73	67	17.63	0.00	0.00	0.00	0.00	46.34	0.00	0.00	0.2-1	13.41	0.00	10.98	0.00	0.00
PAKPATTAN	57	163	23	40.35	75	46.01	0.00	0.00	0.00	0.00	31.58	0.00	0.00	0.2-0.5	17.54	0.00	8.77	0.00	0.00
OKARA	66	302	9	13.64	40	13.25	0.00	0.00	0.00	0.00	30.30	0.00	0.00	0.1-0.6	6.06	0.00	10.61	0.00	0.00
BAHAWALPUR	194	1879	7	3.61	42	2.24	0.00	0.00	1.55	0.00	18.56	0.00	0.00	0.09-1.5	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	231	1722	11	4.76	62	3.60	0.00	0.00	0.43	0.00	89.18	0.00	0.00	0.1-0.2	0.43	8.23	6.93	0.00	0.00
JHANG	136	697	0	0.00	0	0.00	0.00	0.00	0.00	0.00	3.68	0.00	0.00	0-1.1	0.00	0.00	0.00	0.00	0.00
R.Y.KHAN	192	1319	33	17.19	214	16.22	0.00	0.00	0.00	0.00	14.06	0.00	0.00	0.05-1.2	0.00	6.25	0.00	0.00	0.00
D.G.KHAN	128	592	0	0.00	0	0.00	0.00	0.00	0.00	0.00	10.16	0.00	0.00	0.50	0.00	0.00	0.78	0.00	0.00
M.GARH	197	976	48	24.37	257	26.33	0.00	0.00	1.02	0.00	54.82	0.00	0.00	1.65	1.52	4.06	1.52	0.00	0.00
RAJANPUR	120	944	0	0.00	0	0.00	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.29	0.00	0.00	0.00	0.00	0.00
T.T.SING	132	475	0	0.00	0	0.00	0.00	0.00	0.00	0.00	35.61	0.00	0.00	0.1-2	0.00	0.00	1.52	0.00	0.00
CHINIOT	76	565	6	7.89	58	10.27	0.00	0.00	0.00	0.00	10.53	0.00	0.00	0.02	0.00	1.32	1.32	0.00	0.00
FAISALABAD	203	826.5	10	4.93	61	7.38	0.99	0.00	0.00	0.00	29.06	0.00	0.00	0.2-5	2.96	2.46	2.46	0.00	0.00
SARGODHA	133	681.5	45	33.83	210	30.74	0.00	0.00	0.00	0.00	37.59	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00
TOTAL COTTON ZONE	2555	16606	287	11.23	1915	74.93	0.08	0.00	0.47	0.00	29.67	0.00	0.00	0-5	1.64	1.88	1.96	0.00	0.00

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							Aphid	ABW	AW	Other	Aphid	ABW	Other						
BARANI ZONE																			
MIANWALI	55	242	14	25.45	67	27.69	0.00	0.00	0.00	0.00	18.18	0.00	0.00	0.1-0.4	14.55	0.00	5.45	0.00	0.00
BHAKHAR	95	321	8	8.42	12	3.74	0.00	0.00	0.00	0.00	15.79	0.00	0.00	0.1-2.5	4.21	0.00	2.11	0.00	0.00
LAYYAH	101	547	30	29.70	198	36.20	0.00	0.00	0.00	0.00	50.50	0.00	0.00	0.39	9.90	3.96	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	0.00	28.57	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	9.09	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	52.24	0.00	0.00
KHUSHAB	48	280	19	39.58	140	50.00	0.00	0.00	0.00	0.00	62.50	0.00	0.00	0.1-0.2	0.00	4.17	8.33	0.00	0.00
TOTAL BARANI ZONE	464	2022.7	96	20.69	480	23.72	0.00	0.00	0.00	0.00	30.17	0.00	0.00	0-2.5	6.25	1.29	13.58	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
3RD WEEK OF MARCH G.TOTAL 2023	4064	26685.5	956	23.52	7938	29.75	0.02	0.00	0.27	0.00	34.82	0.07	0.00	0-4	2.76	2.17	8.34	0.00	0.00

OBSERVATIONS

- Total 4025 spots of wheat fields comprising area of 27380.7 acres in 36 districts were surveyed for pests.
- The attack of **Wheat Aphid** has been observed above ETL (0.22% spots) in Kasur (5.30% spots) and Faisalabad (0.99% spots) as well as the attack of Wheat Aphid been observed below ETL (24.52% spots) in all the district except Kasur, Nankana, Chakwal and Attock.
- The attack of **Armyworm** has been observed above ETL (0.30% spots) in Multan (3.31% spots), Vehari (0.75% spots), Bahawalpur (1.55% spots), Bahawalnagar (0.43% spots) and Muzaffargarh (1.02% spots).
- Smut** incidence 2.04% spots has been observed in districts Gujranwala (2.48% spots), Hafizabad (2.25% spots), Sheikhpura (1.61% spots), M.B.Din (3.28% spots), Nankana (1.96% spots), Multan (2.65% spots), Khanewal (1.64% spots), Sahiwal (13.41% spots), Pakpattan (17.54% spots), Okara (6.06% spots), Bahawalnagar (0.43% spots), M.Garh (1.52% spots), Faisalabad (2.96% spots), Mianwali (14.55% spots), Bhakkar (4.21% spots), Layyah (9.90% spots) and Rawalpindi (10.45% spots).
- Brown Rust** incidence 2.16% spots has been observed in districts Gujranwala (2.48% spots), Hafizabad (7.87% spots), Sheikhpura (1.61% spots), Narowal (2.36% spots), M.B.Din(6.56% spots), Kasur (3.79% spots), Lahore (8.99% spots), Khanewal (1.64% spots), Bahawalnagar (8.23% spots), R.Y.Khan (6.25% spots), M.Garh (4.06% spots), Chiniot (1.32% spots), Faisalabad (2.46% spots), Khushab (4.17% spots) and Layyah (3.96% spots).
- Yellow Rust** incidence 4.77% spots has been observed in district Gujranwala (6.61% spots), Hafizabad (12.36% spots), Sheikhpura (4.84% spots), Sialkot (10.00% spots), Gujrat (20.00% spots), M.B.Din (18.03% spots), Kasur (7.58% spots), Lahore (6.74% spots), Nankana (9.80% spots), Vehari (0.75% spots), Sahiwal (10.98% spots), Pakpattan (8.77% spots), Okara (10.61% spots), Bahawalnagar (6.93% spots), D.G.Khan (0.78% spots), M.Garh (1.52% spots), T.T.Singh (1.52% spots), Chiniot (1.32% spots), Faisalabad (2.46% spots), Mianwali (5.45% spots),Bhakkar (2.11% spots), Chakwal (28.57% spots), Jehlum (9.09% spots), Attock (18.75% spots), Rawalpindi (52.24% spots) and Khushab (3.33% spots).
- Other** disease incidence 0.02% spots has been observed in district Lahore (1.12% spots).
- Up till now 27.55% 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.