

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF FEBRUARY, 2024																									
DISTRICT WISE SUMMARY																									
District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Fungicide Treatment				Insect Pest						Beneficials/ spike	% Disease Incidence					
			Narrow Leaf			Broad Leaf			Spots	%	Area	%	% Spots Above ETL				% Spots Below ETL			Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others	
			Total/Major Narrow Leaf	Minor/ Others Narrow leaf	Total Broad leaf	Aphid	ABW	AW					Other	Aphid	ABW	Other									
			AETL	BETL	AETL	BETL	AETL	BETL	Aphid	ABW	AW	Other	Aphid	ABW	Other										
RICE ZONE																									
GUJRANWALA	102	1111.5	0.00	0.00	0.00	0.00	0.00	0.00	2	1.96	25	2.25	0.00	0.00	0.00	0.00	14.71	0.00	0.00	0-0.67	0.98	0.00	10.78	0.00	0.00
HAFIZABAD	102	1358	0.00	0.00	0.00	0.00	0.00	0.00	21	20.59	377	27.76	0.00	0.00	0.00	0.00	8.82	0.00	0.00	0-0.06	0.98	0.00	4.90	0.00	0.00
SHEIKHUPURA	157	1413	1.91	7.01	0.00	0.64	1.91	26.11	7	4.46	53	3.75	0.00	0.00	0.00	0.00	13.38	0.00	0.00	0-0.03	1.91	0.00	7.64	0.00	0.00
SIALKOT	165	1312.2	11.52	1.21	0.00	0.00	11.52	1.21	0	0.00	0	0.00	2.42	0.00	0.00	0.00	9.09	0.00	0.00	0-0.52	0.00	0.00	4.24	0.00	0.00
NAROWAL	154	1208	0.00	0.00	0.00	0.00	4.55	0.65	16	10.39	207	17.14	3.25	0.00	0.00	0.00	24.68	0.00	0.00	0.00	0.00	0.00	3.25	0.00	0.00
GUJRAT	46	465.5	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	39.13	0.00	0.00	0-0.17	0.00	0.00	4.35	0.00	0.00
M.B.DIN	74	716	0.00	0.00	0.00	0.00	0.00	0.00	7	9.46	65	9.08	0.00	0.00	0.00	0.00	6.76	0.00	0.00	0-0.04	1.35	0.00	6.76	0.00	0.00
KASUR	125	630	0.00	4.80	0.00	0.00	0.00	24.00	0	0.00	0	0.00	0.80	0.00	0.00	0.00	12.00	0.00	0.00	0-0.02	0.00	0.00	2.40	0.00	0.00
LAHORE	71	680	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	47.89	0.00	0.00	0-0.04	1.41	0.00	0.00	0.00	0.00
NANKANA	59	653	10.17	5.08	0.00	0.00	5.08	10.17	0	0.00	0	0.00	0.00	0.00	0.00	0.00	11.86	0.00	0.00	0-0.02	0.00	0.00	1.69	0.00	0.00
TOTAL RICE ZONE	1055	9547.2	2.65	2.09	0.00	0.09	3.03	7.58	53	5.02	727	7.61	0.95	0.00	0.00	0.00	16.78	0.00	0.00	0-0.67	0.66	0.00	4.83	0.00	0.00
COTTON ZONE																									
MULTAN	157	963	8.92	64.97	0.00	3.82	3.18	96.82	10	6.37	80	8.31	0.64	0.00	0.00	0.00	43.95	0.00	0.00	0-0.02	0.00	2.55	1.27	0.00	0.00
LODHAN	150	1191	3.33	62.00	0.00	0.00	2.00	98.00	9	6.00	109	9.15	1.33	0.00	0.00	0.00	23.33	0.00	0.00	0-4.21	0.00	0.00	0.00	0.00	0.00
KHANEWAL	127	1057	2.36	77.95	0.00	8.66	3.94	96.06	2	1.57	17	1.61	0.00	0.00	0.00	0.00	27.56	0.00	0.00	0-0.16	0.00	0.00	0.00	0.00	0.00
VEHARI	120	809	3.33	94.17	0.00	23.33	5.00	95.00	8	6.67	71	8.78	0.00	0.00	0.00	0.00	44.17	0.00	0.00	0-0.03	0.00	0.83	0.83	0.00	0.00
SAHIWAL	100	433	0.00	51.00	0.00	0.00	0.00	84.00	3	3.00	9	2.08	0.00	0.00	0.00	0.00	52.00	0.00	0.00	0-0.16	4.00	0.00	8.00	0.00	0.00
PAKPATTAN	75	330	0.00	38.67	0.00	0.00	0.00	76.00	4	5.33	10	3.03	0.00	0.00	0.00	0.00	30.67	0.00	0.00	0-0.14	4.00	0.00	1.33	0.00	0.00
OKARA	94	361	0.00	40.43	0.00	0.00	0.00	71.28	10	10.64	44	12.19	0.00	0.00	0.00	0.00	32.98	0.00	0.00	0-0.14	1.06	0.00	2.13	0.00	0.00
BAHAWALPUR	200	2106	4.50	29.00	0.00	0.00	3.00	97.00	2	1.00	13	0.62	1.50	0.00	0.50	0.00	98.50	0.00	0.00	0-0.01	0.00	0.00	1.50	0.00	0.00
BAHAWALNAGAR	202	1734	5.94	43.07	0.00	0.00	1.49	62.87	6	2.97	33	1.90	0.99	0.00	0.00	0.00	39.11	0.00	0.00	0-0.02	0.00	1.49	0.99	0.00	0.00
JHANG	153	1211	0.00	39.87	0.00	0.00	0.00	47.06	3	1.96	14	1.16	0.00	0.00	0.00	0.00	21.57	0.00	0.00	0-0.01	0.00	0.65	0.00	0.00	0.00
R.Y.KHAN	199	1278	2.01	37.69	0.00	0.00	1.01	50.75	0	0.00	0	0.00	3.02	0.00	0.00	0.00	38.19	0.00	0.00	0-0.04	0.00	2.01	0.50	0.00	0.00
D.G.KHAN	136	866	2.94	67.65	0.00	0.00	2.21	97.79	17	12.50	111	12.82	2.21	0.00	0.00	0.00	25.00	0.00	0.00	0-0.72	0.00	2.21	3.68	0.00	0.00
MGARH	203	1066	1.97	45.81	0.00	0.00	0.00	89.16	21	10.34	72	6.75	0.00	0.00	0.00	0.00	48.80	0.00	0.00	0-0.23	0.00	0.49	2.96	0.00	0.00
RAJANPUR	131	708	1.53	31.30	0.00	0.00	3.82	96.18	25	19.08	137	19.35	0.00	0.00	0.00	0.00	35.88	0.00	0.00	0-0.53	0.00	0.00	3.05	0.00	0.00
T.T.SING	230	934.5	0.43	16.96	0.00	0.00	0.43	62.17	1	0.43	12	1.23	0.00	0.00	0.00	0.00	13.04	0.00	0.00	0-0.01	0.43	0.00	0.87	0.00	0.00
CHINIOT	147	1132	0.00	0.00	0.00	0.00	0.00	0.00	8	5.44	64	5.65	0.00	0.00	0.00	0.00	19.05	0.00	0.00	0.00	0.68	0.00	0.68	0.00	0.00
FAISALABAD	267	1134.9	0.00	1.12	0.00	0.00	0.00	1.50	0	0.00	0	0.00	0.00	0.00	0.00	0.00	20.22	0.00	0.00	0.00	1.87	0.00	0.00	0.00	0.00
SARGODHA	157	1102.5	0.00	0.00	0.00	0.00	0.00	1.27	0	0.00	0	0.00	0.00	0.00	0.00	0.00	38.85	0.00	0.00	0-0.14	0.00	0.64	1.91	0.00	0.00
TOTAL COTTON ZONE	2848	18416.9	2.18	37.71	0.00	1.58	1.37	64.12	129	4.53	796	27.93	0.60	0.00	0.04	0.00	36.24	0.00	0.00	0-0.72	0.53	0.63	1.44	0.00	0.00
BARANI ZONE																									
MIANWALI	66	255	15.15	84.85	0.00	0.00	12.12	87.88	0	0.00	0	0.00	0.00	0.00	0.00	0.00	22.73	0.00	0.00	0.00	3.03	3.03	0.00	0.00	0.00
BHAKHAR	159	737	29.56	55.97	0.00	0.00	13.21	86.79	0	0.00	0	0.00	0.00	0.00	0.00	0.00	26.42	0.00	0.00	0-0.16	0.00	0.00	1.26	0.00	0.00
LAYYAH	121	684	0.00	28.10	0.00	0.00	0.00	66.94	6	4.96	48	7.02	0.00	0.00	0.00	0.00	24.79	0.00	0.00	0-0.22	0.00	0.00	0.83	0.00	0.00

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			Narrow Leaf			Broad Leaf			Spots	%	Area	%	% Spots Above ETL				% Spots Below ETL			Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others		
			Total/Major Narrow Leaf		Minor/ Others Narrow leaf	Total Broad leaf		Aphid					ABW	AW	Other	Aphid	ABW	Other								
			AETL	BETL	AETL	BETL	AETL																		BETL	
CHAKWAL	48	218.5	2.08	45.83	0.00	25.00	6.25	64.58	0	0.00	0	0.00	0.00	0.00	0.00	0.00	39.58	0.00	0.00	0-0.14	0.00	0.00	0.00	0.00	0.00	0.00
JHELUM	21	45.5	0.00	42.86	0.00	0.00	0.00	52.38	2	9.52	3	6.59	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00
ATTOCK	44	214.4	0.00	11.36	0.00	0.00	6.82	59.09	0	0.00	0	0.00	0.00	0.00	0.00	0.00	20.45	0.00	0.00	0-0.11	0.00	0.00	18.18	0.00	0.00	0.00
RAWALPINDI	115	271.3	5.22	64.35	0.00	0.00	12.17	85.22	0	0.00	0	0.00	0.00	0.00	0.00	0.00	44.35	0.00	0.00	0-0.02	3.48	0.00	13.04	0.00	0.00	0.00
KHUSHAB	85	381	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	14.12	0.00	0.00	0.00	0.00	0.00	4.71	0.00	0.00	0.00
TOTAL BARANI ZONE	659	2806.7	9.71	43.85	0.00	1.82	7.44	67.22	8	1.21	51	1.82	0.00	0.00	0.00	0.00	27.31	0.00	0.00	0-0.22	0.91	0.30	4.86	0.00	0.00	0.00
G.TOTAL 2024	4562	30770.8	3.38	30.36	0.00	1.27	2.63	51.49	190	4.16	1574	5.11	0.59	0.00	0.02	0.00	30.45	0.00	0.00	0-0.72	0.61	0.44	2.72	0.00	0.00	0.00

OBSERVATIONS

- Total 4562 spots of wheat fields comprising area of 30770.8 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 6.01% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 3.38% AETL and the Minor Narrow Leaves 0.00% AETL were reported.
- In case of Broad Leaf Weeds 2.63% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed Above ETL 0.59% in Sialkot (2.42% spots), Narowal (3.25% spots), Kasur (0.80% spots), Lodhran (1.33% spots), B.Pur (1.50% spots), B.Nagar (0.99% spots), D.G.khan (2.21% spots), Multan (0.64% spots), B.Pur (1.06% spots) and R.Y.Khan (3.02% spots) as well as below ETL 30.45% in all districts
- The attack of **Armyworm** has been observed Above ETL 0.02% in B.Pur (0.50% spots).
- Smut** incidence 0.61% spots has been observed in district Gujranwala (0.98% spots), Hafizabad (0.98% spots), S.pura (1.91% spots), M.B.Din (1.35% spots), Lahore (1.41% spots), Sahiwal (4.00% spots), Pakpattan (4.00% spots), Okara (1.06% spots), T.T.Singh (0.43% spots), Chiniot (0.68% spots), Faisalabad (1.87% spots) Mianwali (3.03% spots) and Rawalpindi (3.48% spots).
- Brown Rust** incidence 0.44% spots has been observed in district Multan (2.55% spots), Vehari (0.83% spots), Jhang (0.65% spots), B.Nagar (1.49% spots), R.Y.Khan (2.01% spots), D.G.khan (2.21% spots) M.Garh (0.49% spots), Sargodha (0.64% spots) and Mianwali (3.03% spots).
- Yellow Rust** incidence 2.72% spots has been observed in district in all district except Lahore, Lodhran, Khanewal, Jhang, Faisalabad, Mianwali and Chakwal.
- Up till now 5.11% 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.