

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 3RD WEEK OF MARCH, 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																			
RICE ZONE																											
GUJRANWALA	98	1296.75	0.00	0.00	0.00	0.00	0.00	0.00	42	42.86	742	57.22	0.00	0.00	0.00	0.00	25.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.82	0.00	0.00
HAFIZABAD	87	1208	0.00	0.00	0.00	0.00	0.00	0.00	50	57.47	779	64.49	0.00	0.00	0.00	0.00	12.64	0.00	0.00	0.00	0.00	2.30	0.00	16.09	0.00	0.00	
SHEIKHUPURA	202	1348	0.00	0.00	0.00	0.00	0.00	0.00	51	25.25	378	28.04	0.00	0.00	0.00	0.00	23.76	0.00	0.00	0.04	1.49	0.00	12.38	0.00	0.00		
SIALKOT	138	1452.7	0.00	0.00	0.00	0.00	0.00	0.00	38	27.54	544	37.45	0.72	0.00	0.00	0.00	19.57	0.00	0.00	0.00	0.00	0.00	21.74	0.72	0.72		
NAROWAL	117	839	0.00	0.00	0.00	0.00	0.00	0.00	56	47.86	491	58.52	0.00	0.00	0.00	0.00	23.93	0.00	0.00	0.00	0.00	0.00	20.51	2.56	0.00		
GUJRAT	57	587	0.00	0.00	0.00	0.00	0.00	0.00	18	31.58	181	30.83	0.00	0.00	0.00	0.00	94.74	0.00	0.00	0-0.14	0.00	0.00	21.05	0.00	0.00		
M.B.DIN	88	517	0.00	0.00	0.00	0.00	0.00	0.00	33	37.50	210	40.62	1.14	0.00	0.00	0.00	34.09	0.00	0.00	0-0.2	0.00	17.05	18.18	0.00	0.00		
KASUR	166	885	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	19.88	0.00	0.00	0-0.11	1.81	0.60	6.02	0.00	0.00			
LAHORE	87	823	0.00	0.00	0.00	0.00	0.00	0.00	52	59.77	493	59.90	1.15	0.00	0.00	0.00	42.53	0.00	0.00	0-0.09	0.00	1.15	22.99	0.00	0.00		
NANKANA	150	959.5	0.00	0.00	0.00	0.00	0.00	0.00	42	28.00	306	31.89	0.00	0.00	0.00	0.00	21.33	0.00	0.00	0-0.02	5.33	0.00	24.00	0.00	0.00		
TOTAL RICE ZONE	1190	9915.95	0.00	0.00	0.00	0.00	0.00	0.00	382	32.10	4124	41.59	0.25	0.00	0.00	0.00	27.31	0.00	0.00	0-0.2	1.34	1.43	19.08	0.34	0.08		
COTTON ZONE																											
MULTAN	142	819	0.00	0.00	0.00	0.00	0.00	0.00	37	26.06	215	26.25	0.00	0.00	0.00	0.00	55.63	0.00	0.00	0-0.02	0.00	2.11	2.11	0.00	0.00		
LODHAN	144	823	0.00	0.00	0.00	0.00	0.00	0.00	56	38.89	298	36.21	4.17	0.00	0.00	0.00	50.69	0.00	0.00	0-0.02	0.00	0.00	2.08	0.00	0.00		
KHANEWAL	154	986	0.00	0.00	0.00	0.00	0.00	0.00	10	6.49	85	8.62	11.04	0.00	0.00	0.00	44.16	0.00	0.00	0-0.02	0.00	0.00	1.95	0.00	0.00		
VEHARI	84	565	0.00	0.00	0.00	0.00	0.00	0.00	9	10.71	65	11.50	0.00	0.00	0.00	0.00	89.29	0.00	0.00	0-0.01	3.57	8.33	0.00	0.00	0.00		
SAHIWAL	106	543	0.00	0.00	0.00	0.00	0.00	0.00	12	11.32	63	11.60	0.00	0.00	0.00	0.00	57.55	0.00	0.00	0-0.2	0.94	1.89	14.15	0.00	0.00		
PAKPATTAN	100	512	0.00	0.00	0.00	0.00	0.00	0.00	17	17.00	100	19.53	0.00	0.00	0.00	0.00	43.00	0.00	0.00	0-0.2	6.00	1.00	4.00	0.00	0.00		
OKARA	99	317	0.00	0.00	0.00	0.00	0.00	0.00	13	13.13	35	11.04	0.00	0.00	0.00	0.00	39.39	0.00	0.00	0-0.2	0.00	1.01	13.13	0.00	0.00		
BAHAWALPUR	218	2209	0.00	0.00	0.00	0.00	0.00	0.00	2	0.92	5	0.23	0.92	0.00	0.46	0.00	99.08	0.00	0.00	0-0.01	0.00	0.92	0.92	0.00	0.00		
BAHAWALNAGAR	193	1424	0.00	0.00	0.00	0.00	0.00	0.00	9	4.66	36	2.53	0.00	0.00	0.00	0.00	70.98	0.00	0.00	0-0.01	0.00	0.00	2.59	0.00	0.00		
JHANG	184	1353	0.00	0.00	0.00	0.00	0.00	0.00	5	2.72	28	2.07	0.00	0.00	0.00	0.00	25.54	0.00	0.00	0-0.02	2.72	0.00	1.09	0.00	0.00		
R.Y.KHAN	200	1256	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	1.00	0.00	0.00	0.00	30.00	0.00	0.00	0-0.05	0.00	0.00	0.50	0.00	0.00		
D.G.KHAN	185	885	0.00	0.00	0.00	0.00	0.00	0.00	27	14.59	149	16.84	0.00	0.00	0.00	0.00	29.73	0.00	0.00	0-0.41	0.00	0.00	0.00	0.00	0.00		
M.GARH	181	1223	0.00	0.00	0.00	0.00	0.00	0.00	43	23.76	346	28.29	0.00	0.00	0.00	0.00	62.43	0.00	0.00	0-0.3	1.10	2.21	7.73	0.00	0.00		
RAJANPUR	128	669	0.00	0.00	0.00	0.00	0.00	0.00	32	25.00	159	23.77	0.00	0.00	0.00	0.00	49.22	0.00	0.00	0-0.53	0.00	0.00	0.78	0.00	0.00		
T.T.SING	217	834	0.00	0.00	0.00	0.00	0.00	0.00	4	1.84	7	0.84	0.00	0.00	0.00	0.00	64.52	0.00	0.00	0-0.1	1.38	0.46	10.14	0.00	0.00		
CHINIOT	136	825	0.00	0.00	0.00	0.00	0.00	0.00	20	14.71	122	14.79	0.74	0.00	0.00	0.00	33.09	0.00	0.00	0.00	0.00	0.74	0.00	5.15	0.00	0.00	
FAISALABAD	298	1443.6	0.00	0.00	0.00	0.00	0.00	0.00	11	3.69	106	7.34	0.00	0.00	0.00	0.00	50.67	0.00	0.00	0-0.04	5.37	0.67	2.68	0.00	0.00		
SARGODHA	103	1311.5	0.00	0.00	0.00	0.00	0.00	0.00	34	33.01	736	56.12	0.00	0.00	0.00	0.00	79.61	0.00	0.00	0-0.06	0.00	0.97	59.22	0.00	0.00		
TOTAL COTTON ZONE	2872	17998.1	0.00	0.00	0.00	0.00	0.00	0.00	341	11.87	2555	88.96	0.97	0.00	0.03	0.00	53.86	0.00	0.00	0-0.53	1.29	0.84	5.71	0.00	0.00		
BARANI ZONE																											
MIANWALI	55	185	0.00	0.00	0.00	0.00	0.00	0.00	8	14.55	29	15.68	1.82	0.00	0.00	0.00	43.64	0.00	0.00	0-0.03	12.73	0.00	10.91	0.00	0.00		
BHAKHAR	153	497	18.30	58.82	0.00	0.00	9.15	89.54	9	5.88	26	5.23	3.27	0.00	0.00	0.00	48.37	0.00	0.00	0-0.04	0.00	0.00	0.65	0.00	0.00		
LAYYAH	219	1211	0.00	0.00	0.00	0.00	0.00	0.00	39	17.81	219	18.08	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0-0.35	6.39	0.00	4.11	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	30	96.25	16.67	56.67	0.00	33.33	13.33	66.67	1	3.33	1	1.30	0.00	0.00	0.00	0.00	43.33	0.00	0.00	0-0.04	13.33	0.00	23.33	0.00	0.00
JHELUM	21	108.5	0.00	0.00	0.00	0.00	0.00	33.33	0	0.00	0	0.00	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATTOCK	46	122.2	2.17	17.39	0.00	0.00	10.87	52.17	25	54.35	64	51.96	0.00	0.00	0.00	0.00	21.74	0.00	0.00	0-0.09	0.00	0.00	30.43	0.00	0.00
RAWALPINDI	113	222.5	6.19	61.06	0.00	0.00	5.31	94.69	0	0.00	0	0.00	0.00	0.00	0.00	0.00	44.25	0.00	0.00	0-0.03	5.31	0.00	22.12	0.00	0.00
KHUSHAB	48	189	0.00	0.00	0.00	0.00	0.00	0.00	5	10.42	26	13.76	0.00	0.00	0.00	0.00	56.25	0.00	0.00	0-1.4	4.17	0.00	16.67	0.00	0.00
TOTAL BARANI ZONE	685	2631.45	5.99	26.86	0.00	1.46	4.23	43.07	87	12.70	365	13.86	0.88	0.00	0.00	0.00	61.17	0.00	0.00	0-1.4	4.82	0.00	10.22	0.00	0.00
G.TOTAL 2024	4747	30545.5	0.86	3.88	0.00	0.21	0.61	6.21	810	17.06	7044	23.06	0.78	0.00	0.02	0.00	48.26	0.00	0.00	0-1.4	1.81	0.86	9.71	0.08	0.02

OBSERVATIONS

- Total 4747 spots of wheat fields comprising area of 30545.5 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 1.47% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 0.86% AETL and the Minor Narrow Leaves 0.00% AETL were reported.
- In case of Broad Leaf Weeds 0.61% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed Above ETL 0.78% in Sialkot (0.72% spots), M.B.Din (1.14% spots), Lahore (1.15% spots), Khanewal (11.04% spots), Lodhran (4.17% spots), B.Pur (0.92% spots), R.Y.Khan (1.00% spots), Chiniot (0.74% spots), Mianwali (1.82% spots) and Bhakkar (3.27% spots) as well as below ETL 48.26% in all districts.
- The attack of **Armyworm** has been observed Above ETL 0.02% in B.Pur (0.46% spots).
- Smut incidence 1.81% spots has been observed in district Hafizabad (2.30% spots)**, S.pura (1.49% spots), Kasur (1.81% spots), Nankana (5.33% spots), Vehari (3.57% spots), Sahiwal (0.24% spots), Pakpattan (6.00% spots), Jhang (2.72% spots), M.Garh (1.10% spots), T.T.Singh (1.38% spots), Chiniot (0.74%spots), Faisalabad (5.37% spots) Mianwali (12.73% spots), Layyah (6.39% spots), Chakwal (13.33% spots), Rawalpindi (5.31% spots) and Khushab (4.17% spots).
- Powdery Mildew** incidence 0.08% spots has been observed in district Sialkot (0.72% spots) and Narowal (2.56% spots).
- Others** incidence 0.02% spots has been observed in district Sialkot (0.72% spots).
- Brown Rust** incidence 0.86% spots has been observed in district M.B.Din (17.05% spots), Kasur (0.60% spots), Lahore (1.15% spots), Multan (2.11% spots), Vehari (8.33% spots), Sahiwal (1.88% spots), Pakpattan (1.00% spots), Okara (1.01% spots), B.Pur (0.92% spots), M.Garh (2.21% spots),T.T.Singh (0.46% spots), Faisalabad (0.67% spots) and Sargodha (0.97% spots).
- Yellow Rust** incidence 9.71% spots has been observed in district in all district except Vehari, D.G.Khan and Jehlum.
- Up till now 23.06% 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.