

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 1ST WEEK OF FEBRUARY, 2023

DISTRICT WISE SUMMARY

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicide Treatment				Fungicide Treatment				Insect Pest						Beneficials/spike	% Disease Incidence							
			Narrow Leaf			Broad Leaf			Spots	%	Area	%	Spots	%	Area	%	% Spots Above ETL				% Spots Below ETL			Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others			
			Total/Major Leaf	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	82	788	0.00	14.63	0.00	4.88	7.32	20.73	58	70.73	599	76.02	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	0.00	0.00
HAFIZABAD	120	1716	8.33	6.67	0.00	0.00	5.83	10.00	101	84.17	1535	89.45	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	0.00	
SHEIKHUPURA	204	1452	2.94	1.47	0.98	1.47	2.94	10.29	182	89.22	1326	91.32	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	0.00	
SIALKOT	105	1213	14.29	3.81	0.00	0.95	13.33	6.67	84	80.00	1016	83.76	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.95	0.00	0.00	
NAROWAL	113	1012	9.73	0.88	0.00	4.42	0.88	9.73	101	89.38	935	92.39	0	0.00	0	0.00	0.00	0.00	0.00	0.00	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GUJRAT	102	638	2.94	31.37	0.00	0.00	0.98	42.16	54	52.94	337	52.82	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	0.00	
M.B.DIN	72	397	5.56	6.94	0.00	0.00	4.17	9.72	48	66.67	267	67.25	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	1.39	0.00	0.00
KASUR	137	788	9.49	18.98	0.00	0.00	11.68	22.63	0	0.00	0	0.00	61	44.53	375	47.59	0.00	0.00	0.00	0.00	3.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAHORE	64	834	18.75	0.00	0.00	0.00	6.25	15.63	50	78.13	683	81.89	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	0.00	
NANKANA	55	482	18.18	16.36	0.00	0.00	56.36	10.91	28	50.91	201	41.70	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	0.00	
TOTAL RICE ZONE	1054	9320	7.97	9.49	0.19	1.23	8.44	15.65	706	66.98	6899	74.02	61	5.79	375	4.02	0.00	0.00	0.00	0.00	0.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.19	0.00	0.00
COTTON ZONE																															
MULTAN	148	1348	9.46	50.00	0.00	30.41	6.76	93.24	116	78.38	1066	79.08	5	3.38	50	3.71	0.00	0.00	0.00	0.00	3.38	0.00	0.00	0.60	0.00	0.68	0.68	0.00	0.00	0.00	
LODHAN	117	1446	5.13	66.67	0.00	1.71	6.84	93.16	78	66.67	1009	69.78	0	0.00	0	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	
KHANEWAL	165	1177	4.24	84.85	0.00	1.82	4.85	95.15	128	77.58	974	82.75	0	0.00	0	0.00	0.00	0.00	0.00	6.67	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VEHARI	120	971	6.67	73.33	0.00	28.33	10.00	90.00	93	77.50	744	76.62	0	0.00	0	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
SAHIWAL	80	277	3.75	42.50	0.00	0.00	5.00	65.00	58	72.50	218	78.70	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	0.00	
PAKPATTAN	85	330	4.71	30.59	0.00	0.00	9.41	56.47	44	51.76	183	55.45	2	2.35	6	1.82	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	0.00	
OKARA	90	271	4.44	22.22	0.00	0.00	4.44	21.11	52	57.78	152	56.09	0	0.00	0	0.00	0.00	0.00	0.00	1.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
BAHAWALPUR	211	1574	6.64	45.02	0.00	0.00	6.16	93.84	187	88.63	1382	87.80	0	0.00	0	0.00	0.00	0.00	0.00	18.01	0.00	0.00	0.14	0.00	1.42	0.00	0.00	0.00	0.00	0.00	
BAHAWALNAGAR	194	1476	15.46	44.33	0.00	0.00	14.95	77.32	112	57.73	820	55.56	0	0.00	0	0.00	0.00	0.00	0.00	2.58	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.00	
JHANG	127	721	3.94	39.37	0.00	0.00	7.87	59.06	63	49.61	363	50.35	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	0.00	
R.Y.KHAN	174	1058	9.20	55.75	0.00	0.00	5.75	68.97	137	78.74	841	79.49	0	0.00	0	0.00	0.00	0.00	0.00	33.91	0.00	0.00	0.31	0.00	2.30	0.00	0.00	0.00	0.00	0.00	
D.G.KHAN	140	736	0.00	54.29	0.00	45.71	2.14	95.71	31	22.14	184	25.00	0	0.00	0	0.00	0.00	0.00	0.00	32.86	0.00	0.00	0.65	0.00	0.00	1.43	0.00	0.00	0.00	0.00	
M.GARH	193	1117	11.40	59.07	0.00	0.00	5.18	94.82	100	51.81	568	50.85	0	0.00	0	0.00	0.00	0.00	0.00	18.13	0.00	0.00	1.42	0.00	0.00	0.52	0.00	0.00	0.00	0.00	
RAJANPUR	122	756	0.82	40.98	0.00	0.00	18.03	81.97	86	70.49	507	67.06	0	0.00	0	0.00	0.00	0.00	0.00	18.03	0.00	0.00	0.15	0.00	0.00	2.46	0.00	0.00	0.00	0.00	
T.T.SING	148	502	2.03	22.30	0.00	0.00	4.05	59.46	90	60.81	354	70.52	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	0.00	
CHINIOT	80	389	3.75	6.25	0.00	0.00	11.25	20.00	54	67.50	257	66.07	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	0.00	
FAISALABAD	200	789.5	4.50	19.00	0.00	0.00	6.00	29.50	135	67.50	543	68.78	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	0.00	
SARGODHA	126	773.5	16.67	7.94	0.00	3.17	14.29	25.40	90	71.43	595	76.86	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	0.00	
TOTAL COTTON ZONE	2520	15712	6.75	44.21	0.00	6.03	7.78	70.87	1654	65.63	10760	68.48	7	0.28	56	2.22	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00	0.00	0.32	0.36	0.00	0.00	0.00	
BARANI ZONE																															
MIANWALI	70	297	22.86	11.43	0.00	0.00	4.29	25.71	45	64.29	186	62.63	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	0.00	
BHAKHAR	171	593	15.20	38.01	0.00	0.00	6.43	93.57	129	75.44	434	73.19	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.58	0.00	1.75	0.00	0.00	0.00	
LAYYAH	107	626	1.87	35.51	0.00	0.00	1.87	63.55	105	98.13	612	97.76	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.87	0.00	0.93	0.00	0.00	0.00	

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicid Treatment				Fungicide Treatment				Insect Pest						Beneficials/ spike	% Disease Incidence							
			Narrow Leaf			Broad Leaf			Spots	%	Area	%	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	46	122	10.87	34.78	0.00	19.57	2.17	65.22	15	32.61	31	25.00	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	0.00	0.00
JHELUM	35	172	0.00	0.00	0.00	0.00	0.00	62.86	13	37.14	60	34.88	0	0.00	0	0.00	0.00	0.00	0.00	2.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ATTOCK	62	354.9	0.00	12.90	0.00	0.00	4.84	54.84	17	27.42	106	29.87	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	0.00	
RAWALPINDI	91	237.7	9.89	49.45	0.00	0.00	13.19	73.63	34	37.36	135	56.63	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	0.00	
KHUSHAB	76	331	0.00	28.95	0.00	2.63	15.79	84.21	45	59.21	192	58.01	2	2.63	12	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.63	0.00	0.00	0.00	0.00	
TOTAL BARANI ZONE	658	2733.6	8.81	30.70	0.00	1.67	6.69	70.36	403	61.25	1755	64.20	2	0.30	12	0.44	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.46	0.00	0.91	0.00	0.00	
G.TOTAL 2023	4232	27765.6	7.37	33.46	0.05	4.16	7.77	57.04	2763	65.29	19414	69.92	70	1.65	443	1.60	0.00	0.00	0.00	0.00	5.91	0.00	0.00	0.00	0.07	0.19	0.40	0.00	0.00		

OBSERVATIONS

- Total 4232 spots of wheat fields comprising area of 27765.6 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 15.19% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 7.37% AETL and the Minor Narrow Leaves 0.05% AETL were reported.
- In case of Broad Leaf Weeds 7.77% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed below ETL (5.91% spots) in Gujranwala (1.22% spots), Sialkot (0.95% spots), Narowal (1.77% spots), Kasur (3.65% spots), Multan (3.38% spots), Lodhran (2.56% spots), Khanewal (6.67% spots), Vehari (12.50% spots) Okara (1.11% spots), Bahawalpur (18.01% spots), Bahawalnagar (2.58% spots), R.Y.Khan (33.91% spots), D.G.Khan (32.86% spots), M.Garh (18.13% spots), Rajanpur (18.03% spots) and Jehlum (2.86% spots) districts.
- Smut** incidence 0.07% spots has been observed in districts Bhakkar (0.58% spots) and Layyah (1.87% spots).
- Brown Rust** incidence 0.19% spots has been observed in districts Multan (0.68% spots), Bahawalpur (1.42% spots) and R.Y.Khan (2.30% spots).
- Yellow Rust** incidence 0.40% spots has been observed in district Multan (0.68% spots), M.B.Din (1.39% spots), M.Garh (0.52% spots), Rajanpur (2.46% spots), Sialkot (0.95% spots) Layyah (0.93% spots), Bahawalnagar (1.03% spots), D.G.khan (1.43% spots), Bhakkar (1.75% spots) and Khushab (2.63% spots).
- Up till now 69.92% area has been treated with weedicid.

RECOMMENDATIONS

- Farmers are being advised to spray appropriate weedicid 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.