

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF JANUARY, 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									Aphid	ABW	AW	Other	Aphid	ABW							Other				
RICE ZONE																																	
GUJRANWALA	99	1122	0.00	5.05	1.01	5.05	6.06	8.08	77	77.78	948	84.49	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	0.00	0.00
HAFIZABAD	96	1132.5	16.67	10.42	0.00	0.00	9.38	17.71	70	72.92	842.5	74.39	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	0.00	
SHEIKHUPURA	198	1473	5.56	4.04	0.51	5.05	6.06	15.66	136	68.69	1091	74.07	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	0.00	0.00	
SIALKOT	103	977	19.42	19.42	0.00	5.83	20.39	20.39	56	54.37	727	74.41	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	0.00	
NAROWAL	143	1078	1.40	0.70	0.70	0.00	2.10	4.20	125	87.41	977	90.63	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	
GUJRAT	68	408	8.82	19.12	0.00	0.00	5.88	48.53	27	39.71	148	36.27	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	0.00	
M.B.DIN	72	404	4.17	8.33	0.00	2.78	5.56	11.11	43	59.72	231	57.18	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	0.00	
KASUR	144	770	10.42	21.53	0.00	0.00	11.11	28.47	41	28.47	187	24.29	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	0.00	
LAHORE	117	1194	16.24	0.00	0.00	0.00	13.68	2.56	96	82.05	1042	87.27	0	0.00	0	0.00	0.85	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	46	416	8.70	17.39	8.70	30.43	0.00	0.00	27	58.70	250	60.10	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	0.00	
TOTAL RICE ZONE	1086	8974.5	8.84	9.39	0.64	3.41	8.38	15.47	698	64.27	6444	71.80	0	0.00	0	0.00	0.09	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	
COTTON ZONE																																	
MULTAN	136	1209	12.50	55.15	1.47	27.21	10.29	89.71	100	73.53	888	73.45	4	2.94	46	3.80	0.00	0.00	0.00	0.00	2.94	0.00	0.00	0.48	0.00	0.00	0.74	0.00	0.00	0.00	0.00		
LODHAN	129	982	8.53	80.62	0.00	0.00	9.30	90.70	93	72.09	723	73.63	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
KHANEWAL	164	1331	4.88	84.76	0.00	0.61	5.49	94.51	128	78.05	1117	83.92	0	0.00	0	0.00	0.00	0.00	0.00	0.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
VEHARI	120	939	9.17	86.67	0.00	35.00	12.50	87.50	80	66.67	626	66.67	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	0.00	
SAHWAL	80	311	16.25	28.75	0.00	0.00	12.50	58.75	50	62.50	196	63.02	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	1.25	0.00	0.00	0.00	
PAKPATTAN	89	354	3.37	37.08	0.00	0.00	10.11	50.56	41	46.07	162	45.76	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	2.25	0.00	0.00	0.00	0.00	
OKARA	101	375	3.96	25.74	0.00	0.00	9.90	30.69	36	35.64	124	33.07	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	0.00	0.00	
BAHAWALPUR	209	1585	9.57	52.63	0.00	0.00	7.18	92.82	180	86.12	1416	89.34	0	0.00	0	0.00	0.00	0.00	0.00	0.00	12.92	0.00	0.00	0.00	0.00	0.00	1.44	0.00	0.00	0.00	0.00	0.00	
BAHAWALNAGAR	212	2044	15.09	47.64	0.00	0.00	15.57	77.36	82	38.68	765	37.43	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	0.00	
JHANG	137	741	4.38	45.26	0.00	0.00	7.30	64.23	91	66.42	503	67.88	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	0.00	
R.Y.KHAN	178	1239	10.11	58.99	0.00	0.00	7.87	74.72	135	75.84	948	76.51	0	0.00	0	0.00	0.00	0.00	0.00	0.00	28.09	0.00	0.00	24.00	0.00	0.00	2.81	0.00	0.00	0.00	0.00	0.00	
D.G.KHAN	118	625	8.47	72.88	0.00	63.56	3.39	96.61	60	50.85	330	52.80	0	0.00	0	0.00	0.00	0.00	0.00	26.27	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
M.GARH	191	1041	12.04	57.59	0.00	0.00	7.85	92.15	110	57.59	590	56.68	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	0.52	0.00	0.00	0.00	0.00	
RAJANPUR	127	782	10.24	34.65	0.00	0.00	15.75	84.25	80	62.99	535	68.41	0	0.00	0	0.00	0.00	0.00	0.00	0.00	4.72	0.00	0.00	0.02	0.00	0.00	0.79	0.00	0.00	0.00	0.00	0.00	
T.T.SING	135	385.5	3.70	24.44	0.00	0.00	3.70	62.96	87	64.44	283	73.41	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	0.00	
CHINIOT	87	483	5.75	10.34	0.00	0.00	14.94	18.39	58	66.67	356	73.71	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	0.00	
FAISALABAD	217	857.9	6.91	23.50	0.00	0.00	7.83	26.73	133	61.29	532	62.00	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	0.00	
SARGODHA	155	765	10.97	23.23	0.65	5.81	11.61	37.42	102	65.81	546	71.37	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	0.65	0.00	0.00	0.00	
TOTAL COTTON ZONE	2585	16049.4	8.94	48.39	0.12	6.34	9.40	70.21	1646	63.68	10640	66.29	4	0.15	46	1.78	0.00	0.00	0.00	0.00	4.64	0.00	0.00	0.00	0.00	0.00	0.39	0.19	0.00	0.00	0.00		
BARANI ZONE																																	
MIANWALI	62	256	19.35	11.29	0.00	0.00	8.06	20.97	37	59.68	142	55.47	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	0.00	
BHAKHAR	138	465	12.32	48.55	0.00	0.00	10.87	89.13	103	74.64	348	74.84	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	0.00	
LAYYAH	134	628	2.99	35.82	0.00	0.00	1.49	59.70	132	98.51	622	99.04	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	0.75	0.00	0.00	0.00	0.00	

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 Narrow Leaf		Minor/ Others Narrow leaf	Total Broad leaf		Aphid									ABW	AW	Other	Aphid	ABW	Other													
			AETL	BETL	AETL	BETL	AETL	BETL																											
CHAKWAL	65	169.25	0.00	41.54	0.00	24.62	0.00	67.69	21	32.31	60	35.33	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	0.00	0.00	0.00	0.00
JHELUM	25	73.5	0.00	0.00	0.00	0.00	0.00	68.00	9	36.00	18	23.81	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	0.00	0.00	0.00	
ATTOCK	113	445	0.88	16.81	0.00	0.00	6.19	68.14	26	23.01	100	22.47	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	0.00	0.00	0.00	
RAWALPINDI	81	114.7	8.64	62.96	0.00	0.00	12.35	70.37	30	37.04	42	36.97	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	0.00	0.00	0.00	0.00
KHUSHAB	113	530.5	1.77	18.58	0.00	3.54	9.73	90.27	52	46.02	285	53.72	2	1.77	12	2.26	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	1.77	0.00	0.00	0.00
TOTAL BARANI ZONE	731	2681.95	5.88	32.83	0.00	2.74	6.84	70.18	410	56.09	1617	60.28	2	0.27	12	0.45	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	0.41	0.00	0.00	0.00	
G.TOTAL 2023	4402	27705.85	8.41	36.19	0.23	5.02	8.72	56.70	2754	62.56	18700	67.50	6	0.14	58	0.21	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.18	0.00	0.00	0.02		

OBSERVATIONS

- Total 4402 spots of wheat fields comprising area of 27705.85 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 17.36% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 8.41% AETL and the Minor Narrow Leaves 0.23% AETL were reported.
- In case of Broad Leaf Weeds 8.72% AETL spots were reported.
- The attack of Wheat Aphid has been observed above ETL (0.02% spots) in Lahore (0.85% spots) as well as the attack of Wheat Aphid has been observed below ETL (2.75% spots) in Narowal (0.70% spots), Multan (2.94% spots), Lodhran (0.78% spots), Khanewal (0.61% spots), Bahawalpur (12.92% spots), R.Y.Khan (28.09% spots), D.G.Khan (26.27% spots) and Rajanpur (4.75% spots) districts.
- Brown Rust incidence 0.23% spots has been observed in districts Pakpattan (2.25% spots), Bahawalpur (1.44% spots) and R.Y.Khan (2.81% spots).
- Yellow Rust incidence 0.18% spots has been observed in district Multan (0.74% spots), Sahiwal (1.25% spots), M.Garh (0.52% spots), Rajanpur (0.79% spots), Sargodha (0.65% spots) Layyah (0.75% spots) and Khushab (1.77% spots).
- Up till now 67.50% area has been treated with weedicides.

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.