

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND 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 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	662.75	6.10	10.98	0.00	18.29	3.66	23.17	49	59.76	383.5	57.86	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
HAFIZABAD	75	843	17.33	44.00	0.00	0.00	13.33	54.67	23	30.67	302	35.82	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
SHEIKHUPURA	189	1366	10.05	8.47	0.00	5.29	7.41	44.44	83	43.92	625	45.75	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	106	1174	10.38	27.36	0.00	7.55	17.92	34.91	35	33.02	375	31.94	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
NAROWAL	94	856	36.17	4.26	0.00	0.00	7.45	37.23	41	43.62	342	39.95	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
GUJRAT	78	529	7.69	43.59	0.00	0.00	2.56	50.00	19	24.36	149.5	28.26	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	429	9.72	18.06	0.00	5.56	11.11	22.22	23	31.94	147.5	34.38	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
KASUR	125	626	7.20	19.20	0.00	0.00	9.60	28.80	25	20.00	128	20.45	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
LAHORE	65	771	36.92	0.00	0.00	0.00	23.08	38.46	32	49.23	423	54.86	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
NANKANA	57	437	10.53	15.79	0.00	0.00	5.26	57.89	14	24.56	138	31.58	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	943	7693.75	14.21	18.13	0.00	3.92	9.86	38.71	344	36.48	3014	39.17	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	
COTTON ZONE																														
MULTAN	137	1199	17.52	56.20	0.00	32.85	15.33	84.67	74	54.01	618	51.54	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	0.73	0.00	0.00	
LODHKAN	125	839	7.20	92.80	0.00	0.00	8.80	91.20	72	57.60	480	57.21	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	
KHANEWAL	159	1293	8.18	64.78	0.00	0.00	10.69	89.31	94	59.12	798	61.72	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	
VEHARI	120	978	12.50	95.83	5.00	25.00	15.83	84.17	62	51.67	454	46.42	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.67	0.00	0.00	0.00	0.00	0.00	
SAHIWAL	70	318	5.71	28.57	0.00	0.00	12.86	40.00	19	27.14	98	30.82	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	
PAKPATTAN	95	344	5.26	36.84	0.00	0.00	10.53	47.37	28	29.47	104	30.23	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	
OKARA	110	420	4.55	23.64	0.00	0.00	7.27	38.18	21	19.09	80	19.05	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	
BAHAWALPUR	192	1602	8.85	53.65	0.00	0.00	5.73	94.27	164	85.42	1412	88.14	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.52	0.00	0.00	0.00	
BAHAWALNAGAR	211	1615	20.85	27.96	0.00	0.00	19.91	74.88	61	28.91	471	29.16	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	
JHANG	162	805	3.09	41.98	0.00	0.00	6.79	66.67	57	35.19	156	19.38	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	
R.Y.KHAN	170	1017	20.00	63.53	0.00	0.00	14.12	75.88	84	49.41	553	54.38	0	0.00	0	0.00	0.00	0.00	0.00	10.59	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.00	
D.G.KHAN	124	678	12.90	69.35	0.00	69.35	5.65	92.74	76	61.29	412	60.77	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	
M.GARH	185	1214	13.51	56.76	0.00	0.00	18.38	81.62	87	47.03	547	45.06	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	
RAJANPUR	139	853	10.07	35.97	0.00	0.00	17.99	82.01	86	61.87	511	59.91	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	0.72	0.00	0.00	
T.T.SING	141	539	7.80	22.70	0.00	0.00	4.26	48.94	50	35.46	230	42.67	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	
CHINIOT	92	577	7.61	15.22	0.00	0.00	18.48	51.09	21	22.83	134	23.22	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	
FAISALABAD	211	810.9	4.27	45.50	0.00	0.00	9.48	54.98	46	21.80	188	23.18	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	
SARGODHA	145	867	15.17	32.41	4.83	13.10	24.83	41.38	65	44.83	398	45.91	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	
TOTAL COTTON ZONE	2588	15968.9	10.78	48.69	0.50	6.96	12.67	70.94	1167	45.09	7644	47.87	0	0.00	0	0.00	0.00	0.00	0.00	0.70	0.00	0.08	0.00	0.00	0.00	0.12	0.08	0.00	0.00	
BARANI ZONE																														
MIANWALI	62	231	22.58	9.68	0.00	0.00	14.52	17.74	28	45.16	99	42.86	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	
BHAKHAR	137	476	10.95	35.04	0.00	0.00	18.25	81.75	56	40.88	209	43.91	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	
LAYYAH	122	525	9.02	54.92	0.00	0.00	8.20	69.67	110	90.16	478	91.05	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	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									Aphid	ABW	AW	Other	Aphid	ABW							Other				
CHAKWAL	137	476	10.95	35.04	0.00	0.00	18.25	81.75	56	40.88	209	43.91	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
JHELUM	29	142.5	0.00	0.00	0.00	0.00	0.00	93.10	2	6.90	7	4.91	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	
ATTOCK	83	310.9	1.20	24.10	0.00	0.00	9.64	57.83	22	26.51	96	30.88	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	
RAWALPINDI	97	256	1.03	42.27	0.00	0.00	4.12	85.57	9	9.28	63	24.65	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	
KHUSHAB	105	413	0.00	21.90	0.00	0.00	9.52	90.48	28	26.67	105	25.42	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 BARANI ZONE	772	2830.4	7.38	32.77	0.00	0.00	11.79	74.22	311	40.28	1266	44.73	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	0.13	0.00	0.00	
G.TOTAL 2023	4303	26493.05	10.92	39.14	0.30	5.04	11.90	64.47	1822	42.34	11924	45.01	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	0.07	0.07	0.00	0.00		

OBSERVATIONS

- Total 4196 spots of wheat fields comprising area of 26553.5 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 24.19% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 12.46% AETL and the Minor Narrow Leaves 0.21% AETL were reported.
- In case of Broad Leaf Weeds 11.51% AETL spots were reported.
- The attack of Wheat Aphid has been observed below ETL (0.42% spots) in R.Y.Khan (10.59% spots) district.
- Brown Rust incidence 0.07% spots has been observed in districts R.Y.Khan (1.18% spots) and Bahawalpur (0.52% spots).
- Yellow Rust incidence 0.07% spots has been observed in district Multan (0.73% spots), Rajanpur (0.72% spots) and Layyah (0.82% spots).
- Up till now 39.90% 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.