

## PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF JANUARY, 2024

## DISTRICT WISE SUMMARY

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicide 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	Minor/	Others	Total					Broad														
			Leaf	Leaf	Leaf	Narrow	leaf	leaf					leaf	Aphid	ABW	AW	Other	Aphid							ABW	Other	
<b>RICE ZONE</b>																											
GURJANWALA	105	1124	6.67	15.24	5.71	8.57	1.90	26.67	62	59.05	605.5	53.87	0.00	0.00	0.00	0.00	3.81	0.00	0.00	0.001	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HAFIZABAD	92	1116	15.22	10.87	0.00	0.00	14.13	13.04	67	72.83	770	69.00	0.00	0.00	0.00	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	265	2392	7.17	4.15	0.38	5.28	2.26	47.17	143	53.96	1462	61.12	0.00	0.00	0.00	0.00	0.00	0.00	0.1-1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIALKOT	195	1461.5	17.44	14.36	0.51	7.69	12.82	28.72	89	45.64	714.5	48.89	0.00	0.00	0.00	0.00	2.56	0.00	0.00	0.626	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NAROWAL	125	1168.5	36.00	8.80	0.00	1.60	28.80	16.80	65	52.00	651	55.71	0.00	0.00	0.00	0.00	0.00	0.00	0.001	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00
GURJAT	57	481	10.53	24.56	0.00	0.00	8.77	45.61	28	49.12	245	50.94	0.00	0.00	0.00	0.00	0.00	0.00	0.003	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M.B.DIN	79	428.5	6.33	20.25	0.00	0.00	11.39	32.91	45	56.96	235	54.84	0.00	0.00	0.00	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	160	762	6.88	15.63	0.00	0.00	10.00	28.13	59	36.88	308	40.42	0.00	0.00	0.00	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	75	1106	6.67	0.00	0.00	0.00	4.00	18.67	58	77.33	799	72.24	0.00	0.00	0.00	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	138	916	16.67	23.19	0.00	0.00	18.12	51.45	63	45.65	421	45.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL RICE ZONE</b>	<b>1291</b>	<b>10955.5</b>	<b>13.09</b>	<b>12.63</b>	<b>0.62</b>	<b>3.10</b>	<b>10.84</b>	<b>32.84</b>	<b>679</b>	<b>52.59</b>	<b>6211</b>	<b>56.69</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.70</b>	<b>0.00</b>	<b>0.00</b>	<b>0-1</b>	<b>0.00</b>	<b>0.08</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>COTTON ZONE</b>																											
MULTAN	130	869	17.69	70.77	0.00	3.85	13.08	86.92	71	54.62	474	54.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LODHRAN	141	822	7.09	83.69	0.00	0.00	9.22	90.78	81	57.45	444	54.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KHANEWAL	142	910	7.75	58.45	0.00	3.52	7.75	92.25	81	57.04	568	62.42	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VEHARI	120	767	10.00	90.00	0.00	13.33	12.50	87.50	76	63.33	482	62.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SAHIWAL	93	529	9.68	82.80	0.00	0.00	11.83	82.80	43	46.24	244	46.12	0.00	0.00	0.00	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	96	380	7.29	72.92	0.00	0.00	13.54	69.79	32	33.33	124	32.63	0.00	0.00	0.00	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	102	396	5.88	43.14	0.00	0.00	6.86	90.20	45	44.12	163	41.16	0.00	0.00	0.00	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	187	2148	14.97	59.89	0.00	0.00	10.16	89.84	148	79.14	1652	76.91	0.00	0.00	0.00	0.00	18.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	210	1355	20.48	67.62	0.00	0.00	14.76	85.24	135	64.29	878	64.80	0.00	0.00	0.00	0.00	5.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JHANG	134	897	3.73	55.22	0.00	0.00	8.21	85.07	49	36.57	317	35.34	0.00	0.00	0.00	0.00	0.00	0.00	0-0.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R.Y.KHAN	200	1463	9.00	45.50	0.00	0.00	7.00	93.00	154	77.00	1117	76.35	0.00	0.00	0.00	0.00	8.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D.G.KHAN	136	737	3.68	72.06	0.00	0.00	5.15	94.85	76	55.88	386	52.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.68	0.00	0.00
M.GARH	190	1127	4.74	53.68	0.00	0.00	7.89	91.05	114	60.00	623	55.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.64	2.63	0.00	0.00
RAJANPUR	156	945	5.77	26.92	0.00	0.00	7.69	92.31	143	91.67	877	92.80	0.00	0.00	0.00	0.00	11.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
T.T.SING	169	642.5	1.18	24.26	0.00	0.00	10.06	59.17	98	57.99	185	28.79	0.00	0.00	0.00	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	149	925	2.68	12.08	0.00	0.00	12.75	27.52	87	58.39	567	61.30	0.00	0.00	0.00	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	243	1305.6	3.29	24.69	0.00	0.00	6.58	28.40	117	48.15	664	50.87	0.00	0.00	0.00	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	121	913	4.96	23.14	2.48	3.31	12.40	40.50	72	59.50	585	64.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL COTTON ZONE</b>	<b>2719</b>	<b>17131.1</b>	<b>7.91</b>	<b>51.49</b>	<b>0.11</b>	<b>1.10</b>	<b>9.67</b>	<b>75.95</b>	<b>1622</b>	<b>59.65</b>	<b>10350</b>	<b>60.42</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2.94</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.5</b>	<b>0.00</b>	<b>0.04</b>	<b>0.37</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BARANI ZONE</b>																											
MIANWALI	75	271	20.00	80.00	0.00	0.00	24.00	76.00	30	40.00	127	46.86	0.00	0.00	0.00	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	174	621	23.56	54.60	0.00	0.00	34.48	65.52	88	50.57	337	54.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00
LAXYAH	132	574	18.18	53.79	0.00	3.79	8.33	85.61	120	90.91	530	92.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.76	0.76	0.00	0.00

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicide 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			
CHAKWAL	23	75	0.00	56.52	0.00	26.09	13.04	56.52	7	30.43	25	33.33	0.00	0.00	0.00	0.00	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	23	91.7	0.00	21.74	0.00	0.00	0.00	56.52	10	43.48	42	45.47	0.00	0.00	0.00	0.00	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	18	38.9	0.00	11.11	0.00	0.00	5.56	33.33	4	22.22	11	27.51	0.00	0.00	0.00	0.00	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	79	140.3	0.00	68.35	0.00	2.53	6.33	82.28	1	1.27	2	1.71	0.00	0.00	0.00	0.00	0.00	3.80	0.00	0.00	0.00	0.00	0.00	2.53	0.00	0.00	0.00	0.00
KHUSHAB	86	400	0.00	33.72	0.00	0.00	9.30	90.70	44	51.16	195	48.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL BARANI ZONE</b>	<b>610</b>	<b>2211.9</b>	<b>13.11</b>	<b>53.93</b>	<b>0.00</b>	<b>2.13</b>	<b>17.38</b>	<b>75.25</b>	<b>304</b>	<b>49.84</b>	<b>1269</b>	<b>57.36</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.5</b>	<b>0.16</b>	<b>0.16</b>	<b>0.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>G.TOTAL 2024</b>	<b>4620</b>	<b>30298.5</b>	<b>10.04</b>	<b>40.95</b>	<b>0.24</b>	<b>1.80</b>	<b>11.02</b>	<b>63.81</b>	<b>2605</b>	<b>56.39</b>	<b>17830</b>	<b>58.85</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.99</b>	<b>0.00</b>	<b>0.00</b>	<b>0-1</b>	<b>0.02</b>	<b>0.06</b>	<b>0.28</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATIONS**

- Total 4620 spots of wheat fields comprising area of 30298.5 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 21.30% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 10.04% AETL and the Minor Narrow Leaves 0.24% AETL were reported.
- In case of Broad Leaf Weeds 11.02% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed below ETL 1.99% in Gujranwala (3.81% spots), Sialkot (2.56% spots), B.Pur (18.18% spots), B.Nagar (5.24% spots), R.Y.Khan (8.50% spots) Rawalpindi (3.80% spots) and Rajanpur (11.54% spots) districts.
- Smut** incidence 0.02% spots has been observed in district Bhakkar (0.57% spots).
- Brown Rust** incidence 0.06% spots has been observed in district Narowal (0.80% spots), Layyah (0.76% spots) and Rajanpur (0.64% spots)
- Yellow Rust** incidence 0.28% spots has been observed in district D.G.khan (3.68% spots), M.Garh (2.65% spots), Layyah (0.76% spots) and Rawalpindi (2.53% spots)
- Up till now 58.85% 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.