

## PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND WEEK OF FEBRUARY, 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 Leaf		Minor/ Others Narrow leaf	Total Broad leaf																					
			AETL	BETL	AETL	BETL	AETL	BETL					Aphid	ABW	AW	Other	Aphid	ABW							Other		
<b>RICE ZONE</b>																											
GURJANWALA	111	757.25	3.60	4.50	0.00	1.80	2.70	9.01	81	72.97	548	72.37	0.00	0.00	0.00	0.00	5.41	0.00	0.00	0.00	0.00	0.00	1.80	0.00	0.00	0.00	0.00
HAFIZABAD	88	1101	9.09	7.95	0.00	0.00	7.95	9.09	73	82.95	932	84.65	0.00	0.00	0.00	0.00	5.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHEIKHUPURA	217	1838	4.15	5.53	0.00	3.23	8.29	35.94	160	73.73	1430	77.80	0.00	0.00	0.00	0.00	7.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIALKOT	174	1620	10.34	10.92	2.87	3.45	7.47	14.94	126	72.41	1150.5	71.02	0.00	0.00	0.00	0.00	2.30	0.00	0.00	0.00	0.00	0.57	0.00	0.00	0.00	0.00	0.00
NAROWAL	124	917	15.32	0.00	0.00	0.00	14.52	4.03	93	75.00	708	77.21	0.81	0.00	0.00	0.00	8.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GURJAT	55	404.5	1.82	10.91	0.00	0.00	3.64	18.18	43	78.18	359	88.75	0.00	0.00	0.00	0.00	5.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M.B.DIN	68	366	7.35	8.82	0.00	0.00	8.82	11.76	53	77.94	290	79.23	0.00	0.00	0.00	0.00	4.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KASUR	165	778	3.03	6.67	0.00	0.00	4.85	23.03	68	41.21	376	48.33	0.00	0.00	0.00	0.00	4.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAHORE	68	733	4.41	0.00	0.00	0.00	2.94	5.88	61	89.71	669	91.27	0.00	0.00	0.00	0.00	17.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NANKANA	135	1372.5	11.11	16.30	0.74	0.74	14.81	44.44	100	74.07	1062.5	77.41	0.00	0.00	0.00	0.00	4.44	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>1205</b>	<b>9887.25</b>	<b>7.22</b>	<b>7.30</b>	<b>0.50</b>	<b>1.33</b>	<b>8.05</b>	<b>20.50</b>	<b>858</b>	<b>71.20</b>	<b>7525</b>	<b>76.11</b>	<b>0.08</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.06</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.08</b>	<b>0.17</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>COTTON ZONE</b>																											
MULTAN	120	931	12.50	67.50	0.00	5.83	10.00	90.00	81	67.50	594	63.80	0.00	0.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00
LODHRAN	117	628	5.13	70.94	0.00	0.00	6.84	93.16	85	72.65	594	94.59	0.00	0.00	0.00	0.00	11.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KHANEWAL	148	1222	4.73	67.57	0.00	6.08	6.08	81.76	103	69.59	594	48.61	0.00	0.00	0.00	0.00	10.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VEHARI	120	870	5.00	95.00	0.00	23.33	7.50	92.50	90	75.00	594	68.28	0.00	0.00	0.00	0.00	11.67	0.00	0.00	0.00	0.00	0.00	0.83	0.00	0.00	0.00	0.00
SAHIWAL	100	415	4.00	62.00	0.00	0.00	5.00	92.00	77	77.00	329	79.28	0.00	0.00	0.00	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAKPATTAN	84	336	2.38	41.67	0.00	0.00	3.57	79.76	49	58.33	208	61.90	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	0.00	0.00
OKARA	92	298	0.00	42.39	0.00	0.00	7.61	75.00	54	58.70	183	61.41	0.00	0.00	0.00	0.00	9.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAHAWALPUR	185	1769	10.81	40.54	0.00	0.00	7.57	92.43	159	85.95	1547	87.45	0.00	0.00	0.00	0.00	41.62	0.00	0.00	0.00	0.00	0.00	1.08	0.00	0.00	0.00	0.00
BAHAWALNAGAR	220	1588	14.55	72.73	0.00	0.00	9.09	87.73	144	65.45	1068	67.25	0.00	0.00	0.00	0.00	16.36	0.00	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00
JHANG	141	869	2.84	46.10	0.00	0.00	7.80	67.38	70	49.65	450	51.78	0.00	0.00	0.00	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R.Y.KHAN	200	1416	3.00	33.50	0.00	0.00	3.00	54.00	172	86.00	1214	85.73	0.00	0.00	0.00	0.00	20.50	0.00	0.00	0.00	0.00	0.00	0.50	0.00	0.00	0.00	0.00
D.G.KHAN	170	816	2.94	52.94	0.00	0.00	2.35	97.65	113	66.47	540	66.18	0.00	0.00	0.00	0.00	8.24	0.00	0.00	0.00	0.00	0.00	1.18	0.00	0.00	0.00	0.00
M.GARH	181	968	3.31	49.72	0.00	0.00	2.21	97.24	104	57.46	525	54.24	0.00	0.00	0.00	0.00	24.86	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00	0.00
RAJANPUR	133	681	2.26	33.08	0.00	0.00	3.76	96.24	113	84.96	587	86.20	0.00	0.00	0.00	0.00	22.56	0.00	0.00	0.00	0.00	0.00	0.75	0.75	0.00	0.00	0.00
T.T.SING	159	711.5	0.63	16.98	0.00	0.00	0.63	67.30	114	71.70	487	68.38	0.00	0.00	0.00	0.00	4.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHINIOT	101	644	0.99	6.93	0.00	0.00	1.98	16.83	82	81.19	506	78.57	0.00	0.00	0.00	0.00	1.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FAISALABAD	248	1120.4	0.81	18.55	0.00	0.00	2.42	29.03	163	65.73	710	63.37	0.00	0.00	0.00	0.00	8.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SARGODHA	133	901.5	2.26	8.27	0.00	0.00	6.02	42.11	108	81.20	742	82.25	0.00	0.00	0.00	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>2652</b>	<b>16184.4</b>	<b>4.64</b>	<b>45.10</b>	<b>0.00</b>	<b>1.66</b>	<b>5.05</b>	<b>74.13</b>	<b>1881</b>	<b>70.93</b>	<b>11471</b>	<b>70.88</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>14.86</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.04</b>	<b>0.04</b>	<b>0.49</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BARANI ZONE</b>																											
MIANWALI	53	189	18.87	81.13	0.00	0.00	13.21	86.79	34	64.15	118	62.43	0.00	0.00	0.00	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	126	437	21.43	66.67	0.00	0.00	20.63	79.37	74	58.73	279	63.84	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
LAXYAH	128	715	10.16	60.16	0.00	1.56	4.69	88.28	119	92.97	676	94.55	0.00	0.00	0.00	0.00	15.63	0.00	0.00	0.00	0.00	0.00	0.78	0.00	0.00	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	44	128.625	9.09	34.09	0.00	25.00	4.55	54.55	14	31.82	33	25.27	0.00	0.00	0.00	0.00	11.36	0.00	0.00	0-0.73	0.00	0.00	0.00	0.00	0.00
JHELUM	17	56.5	0.00	0.00	0.00	0.00	0.00	0.00	17	100.00	57	100.00	0.00	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	23	128.9	0.00	13.04	0.00	0.00	4.35	43.48	5	21.74	29	22.34	0.00	0.00	0.00	0.00	17.39	0.00	0.00	0-0.38	0.00	0.00	8.70	0.00	0.00
RAWALPINDI	87	210.5	3.45	63.22	0.00	0.00	13.79	86.21	25	28.74	66	31.54	0.00	0.00	0.00	0.00	33.33	0.00	0.00	0-0.33	0.00	0.00	5.75	0.00	0.00
KHUSHAB	36	203	0.00	33.33	0.00	0.00	8.33	91.67	27	75.00	155	76.35	0.00	0.00	0.00	0.00	5.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL BARANI ZONE</b>	<b>514</b>	<b>2068.525</b>	<b>11.09</b>	<b>56.23</b>	<b>0.00</b>	<b>2.53</b>	<b>11.09</b>	<b>78.02</b>	<b>315</b>	<b>61.28</b>	<b>1412</b>	<b>68.27</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>11.67</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.73</b>	<b>0.00</b>	<b>0.00</b>	<b>1.56</b>	<b>0.00</b>	<b>0.00</b>
<b>G.TOTAL 2024</b>	<b>4371</b>	<b>28140.175</b>	<b>6.11</b>	<b>35.99</b>	<b>0.14</b>	<b>1.67</b>	<b>6.59</b>	<b>59.80</b>	<b>3054</b>	<b>69.87</b>	<b>20408</b>	<b>72.52</b>	<b>0.02</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>12.06</b>	<b>0.00</b>	<b>0.00</b>	<b>0-1</b>	<b>0.02</b>	<b>0.05</b>	<b>0.53</b>	<b>0.00</b>	<b>0.00</b>

**OBSERVATIONS**

- Total 4371 spots of wheat fields comprising area of 28140.17 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 12.83% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 6.11% AETL and the Minor Narrow Leaves 0.14% AETL were reported.
- In case of Broad Leaf Weeds 6.59% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed Above ETL 0.02% in Narowal (0.81% spots) as well as below ETL 12.06% in all districts except Sargodha, Mianwali, Bhakkar and Jhelum.
- Smut** incidence 0.02% spots has been observed in district Rajanpur (0.75% spots),
- Brown Rust** incidence 0.05% spots has been observed in district Sialkot (0.57% spots) and Rajanpur (0.75% spots).
- Yellow Rust** incidence 0.53% spots has been observed in district Gujranwala (1.80% spots), Multan (0.83% spots), Vehari (0.83% spots), B.Pur (1.08% spots), B.Nagar (1.36% spots), R.Y.Khan (0.50% spots), D.G.Khan (1.18% spots), M.Garh (1.10% spots), Rajanpur (0.75% spots), Layyah (0.78% spots), Attock (8.70% spots) and Rawalpindi (5.75% spots)
- Up till now 72.52% 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.