

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND WEEK OF MARCH, 2024																												
DISTRICT WISE SUMMARY																												
District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Fungicide 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	Total Broad leaf	Aphid	ABW					AW	Other	Aphid	ABW	Other											
			AETL	BETL	AETL	BETL	AETL	BETL					AETL	BETL	AETL	BETL	AETL	BETL										
<b>RICE ZONE</b>																												
GUJRANWALA	113	1582.5	0.00	0.00	0.00	0.00	0.00	0.00	30	26.55	512	32.35	0.00	0.00	0.00	0.00	13.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.78	0.00	0.00	
HAFIZABAD	84	1227	0.00	0.00	0.00	0.00	0.00	0.00	34	40.48	565	46.05	0.00	0.00	0.00	0.00	15.48	0.00	0.00	0.00	0.00	0.00	2.38	0.00	8.33	0.00	0.00	
SHEIKHUPURA	221	1693	0.00	0.00	0.00	0.00	0.00	0.00	33	14.93	268	15.83	0.00	0.00	0.00	0.00	14.93	0.00	0.00	0.00	0.00	0.00	0-0.04	1.36	0.90	8.60	0.00	0.00
SIALKOT	168	1668	1.19	0.00	0.00	0.00	1.19	0.00	9	5.36	180	10.79	0.60	0.00	0.00	0.00	11.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.86	0.60	0.60	
NAROWAL	121	966	0.00	0.00	0.00	0.00	0.00	0.00	40	33.06	343	35.51	3.31	0.00	0.00	0.00	47.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.65	21.49	0.00	0.00
GUJRAT	79	529	0.00	0.00	0.00	0.00	0.00	0.00	14	17.72	92	17.39	0.00	0.00	0.00	0.00	75.95	0.00	0.00	0.00	0.00	0.00	0-0.09	0.00	0.00	17.72	0.00	0.00
M.B.DIN	74	421	0.00	0.00	0.00	0.00	0.00	0.00	18	24.32	120	28.50	0.00	0.00	0.00	0.00	21.62	0.00	0.00	0.00	0.00	0.00	0-0.01	1.35	0.00	12.16	0.00	0.00
KASUR	194	962	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	15.46	0.00	0.00	0.00	0.00	0.00	0-0.04	1.55	0.52	1.55	0.00	0.00
LAHORE	85	644	0.00	0.00	0.00	0.00	0.00	0.00	20	23.53	148	22.98	7.06	0.00	0.00	0.00	36.47	0.00	0.00	0.00	0.00	0.00	0-0.03	3.53	0.00	5.88	0.00	0.00
NANKANA	194	1202	0.00	0.00	0.00	0.00	0.00	0.00	37	19.07	247.5	20.59	1.03	0.00	0.00	0.00	24.23	0.00	0.00	0.00	0.00	0.00	0-0.01	2.06	0.00	14.43	0.00	0.00
<b>TOTAL RICE ZONE</b>	<b>1333</b>	<b>10894.5</b>	<b>0.15</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.15</b>	<b>0.00</b>	<b>235</b>	<b>17.63</b>	<b>2476</b>	<b>22.72</b>	<b>0.98</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>24.16</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.09</b>	<b>1.20</b>	<b>0.38</b>	<b>12.68</b>	<b>0.08</b>	<b>0.08</b>	
<b>COTTON ZONE</b>																												
MULTAN	148	897	0.00	0.00	0.00	0.00	0.00	0.00	39	26.35	290	32.33	0.00	0.00	0.00	0.00	56.08	0.00	0.00	0.00	0.00	0.00	0-0.02	0.00	2.70	1.35	0.00	0.00
LODHAN	149	771	0.00	0.00	0.00	0.00	0.00	0.00	41	27.52	187	24.25	1.34	0.00	0.00	0.00	40.27	0.00	0.00	0.00	0.00	0.00	0-0.03	0.00	0.00	0.67	0.00	0.00
KHANEWAL	155	1270	0.00	0.00	0.00	0.00	0.00	0.00	9	5.81	76	5.98	0.00	0.00	0.00	0.00	42.58	0.00	0.00	0.00	0.00	0.00	0-0.04	0.65	0.00	1.94	0.00	0.00
VEHARI	90	578	0.00	0.00	0.00	0.00	0.00	0.00	10	11.11	48	8.30	0.00	0.00	0.00	0.00	52.22	0.00	0.00	0.00	0.00	0.00	0-0.01	2.22	4.44	2.22	0.00	0.00
SAHIWAL	105	563	0.00	0.00	0.00	0.00	0.00	0.00	8	7.62	47	8.35	0.00	0.00	0.00	0.00	56.19	0.00	0.00	0.00	0.00	0.00	0-0.28	1.90	0.95	7.62	0.00	0.00
PAKPATTAN	90	454	0.00	0.00	0.00	0.00	0.00	0.00	12	13.33	45	9.91	0.00	0.00	0.00	0.00	48.89	0.00	0.00	0.00	0.00	0.00	0-0.32	4.44	1.11	1.11	0.00	0.00
OKARA	87	315	0.00	0.00	0.00	0.00	0.00	0.00	8	9.20	31	9.84	0.00	0.00	0.00	0.00	40.23	0.00	0.00	0.00	0.00	0.00	0-0.30	0.00	3.45	6.90	0.00	0.00
BAHAWALPUR	189	1818	0.00	0.00	0.00	0.00	0.00	0.00	1	0.53	6	0.33	1.06	0.00	1.06	0.00	98.41	0.00	0.00	0.00	0.00	0.00	0-0.01	0.53	0.53	2.12	0.00	0.00
BAHAWALNAGAR	217	1621	0.00	0.00	0.00	0.00	0.00	0.00	5	2.30	36	2.22	0.00	0.00	0.00	0.00	55.76	0.00	0.00	0.00	0.00	0.00	0-0.01	0.00	0.92	0.00	0.00	0.00
JHANG	161	1162	0.00	0.00	0.00	0.00	0.00	0.00	4	2.48	10	0.86	0.00	0.00	0.00	0.00	27.33	0.00	0.00	0.00	0.00	0.00	0.00	3.11	0.00	0.00	0.00	0.00
R.Y.KHAN	200	1320	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.50	0.00	0.00	0.00	34.00	0.00	0.00	0.00	0.00	0.00	0-0.03	0.00	0.50	0.50	0.00	0.00
D.G.KHAN	138	601	0.00	0.00	0.00	0.00	0.00	0.00	30	21.74	129	21.46	0.72	0.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0-0.43	0.00	0.72	0.72	0.00	0.00
M.GARH	179	976	0.00	0.00	0.00	0.00	0.00	0.00	41	22.91	218	22.34	0.00	0.00	0.00	0.00	43.02	0.00	0.00	0.00	0.00	0.00	0-0.24	2.23	2.23	10.06	0.00	0.00
RAJANPUR	147	860	0.00	0.00	0.00	0.00	0.00	0.00	41	27.89	239	27.79	0.00	0.00	0.00	0.00	53.06	0.00	0.00	0.00	0.00	0.00	0-0.57	0.00	0.00	1.36	0.00	0.00
T.T.SING	203	808	0.00	0.00	0.00	0.00	0.00	0.00	4	1.97	7	0.87	0.00	0.00	0.00	0.00	49.26	0.00	0.00	0.00	0.00	0.00	0.00	3.94	0.99	0.99	0.00	0.00
CHINIOT	147	833	0.00	0.00	0.00	0.00	0.00	0.00	18	12.24	97	11.64	0.68	0.00	0.00	0.00	25.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.40	0.00	0.00
FAISALABAD	267	1415.4	0.00	0.00	0.00	0.00	0.00	0.00	7	2.62	30	2.12	0.00	0.00	0.00	0.00	36.70	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	1.12	0.00	0.00
SARGODHA	140	876	0.00	0.00	0.00	0.00	0.00	0.00	43	30.71	250	28.48	0.71	0.00	0.00	0.00	71.43	0.00	0.00	0.00	0.00	0.00	0-0.03	0.00	0.71	17.14	0.00	0.00
<b>TOTAL COTTON ZONE</b>	<b>2812</b>	<b>17138.4</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>321</b>	<b>11.42</b>	<b>1746</b>	<b>62.07</b>	<b>0.28</b>	<b>0.00</b>	<b>0.07</b>	<b>0.00</b>	<b>48.01</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.57</b>	<b>1.24</b>	<b>0.89</b>	<b>2.95</b>	<b>0.00</b>	<b>0.00</b>	
<b>BARANI ZONE</b>																												
MIANWALI	38	139	0.00	100.00	0.00	0.00	0.00	100.00	4	10.53	17	12.23	0.00	0.00	0.00	0.00	47.37	0.00	0.00	0.00	0.00	0.00	0-0.03	7.89	0.00	10.53	0.00	0.00
BHAKHAR	162	479	23.46	52.47	0.00	0.00	10.49	89.51	0	0.00	0	0.00	0.00	0.00	0.00	0.00	40.12	0.00	0.00	0.00	0.00	0.00	0-0.05	0.00	0.00	1.23	0.00	0.00
LAYYAH	126	722	0.00	0.00	0.00	0.00	0.00	0.00	2	1.59	5	0.69	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0-0.38	3.97	0.00	3.97	0.00	0.00

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Fungicide 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	42	160	16.67	57.14	0.00	33.33	14.29	52.38	2	4.76	7	4.38	4.76	0.00	0.00	0.00	52.38	0.00	0.00	0-0.05	4.76	0.00	38.10	0.00	0.00
JHELUM	12	88	0.00	0.00	0.00	0.00	0.00	25.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	16.67	0.00	0.00	0.00	0.00	0.00	8.33	0.00	0.00
ATTOCK	48	297.9	4.17	14.58	0.00	0.00	6.25	75.00	12	25.00	41	13.80	0.00	0.00	0.00	0.00	22.92	0.00	0.00	0-0.11	0.00	0.00	18.75	0.00	0.00
RAWALPINDI	93	179	7.53	74.19	0.00	0.00	3.23	95.70	0	0.00	0	0.00	0.00	0.00	0.00	0.00	49.46	0.00	0.00	0-0.02	3.23	0.00	11.83	0.00	0.00
KHUSHAB	41	154	0.00	0.00	0.00	0.00	0.00	0.00	12	29.27	48	31.17	4.88	0.00	0.00	0.00	63.41	0.00	0.00	0.00	7.32	2.44	17.07	0.00	0.00
<b>TOTAL BARANI ZONE</b>	<b>562</b>	<b>2218.9</b>	<b>9.61</b>	<b>39.68</b>	<b>0.00</b>	<b>2.49</b>	<b>5.16</b>	<b>59.25</b>	<b>32</b>	<b>5.69</b>	<b>118</b>	<b>5.32</b>	<b>0.71</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>56.23</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.38</b>	<b>2.85</b>	<b>0.18</b>	<b>9.79</b>	<b>0.00</b>	<b>0.00</b>
<b>G.TOTAL 2024</b>	<b>4707</b>	<b>30251.8</b>	<b>1.19</b>	<b>4.74</b>	<b>0.00</b>	<b>0.30</b>	<b>0.66</b>	<b>7.07</b>	<b>588</b>	<b>12.49</b>	<b>4339</b>	<b>14.34</b>	<b>0.53</b>	<b>0.00</b>	<b>0.04</b>	<b>0.00</b>	<b>42.23</b>	<b>0.00</b>	<b>0.00</b>	<b>0-0.57</b>	<b>1.42</b>	<b>0.66</b>	<b>6.52</b>	<b>0.02</b>	<b>0.02</b>

**OBSERVATIONS**

- Total 4707 spots of wheat fields comprising area of 30251.8 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 1.85% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 1.19% AETL and the Minor Narrow Leaves 0.00% AETL were reported.
- In case of Broad Leaf Weeds 0.66% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed Above ETL 0.54% in Sialkot (0.60% spots), Narowal (3.31% spots), Lahore (7.06% spots), Nankana (1.03% spots), Lodhran (1.34% spots), B.Pur (1.06% spots), R.Y.Khan (0.50% spots), D.G.khan (0.72% spots), Chiniot (0.68% spots), Sargodha (0.71% spots), Khushab (4.88% spots) and Chakwal (4.76% spots) as well as below ETL 42.23% in all districts.
- The attack of **Armyworm** has been observed Above ETL 0.04% in B.Pur (1.06% spots).
- Smut incidence 1.42% spots has been observed in district Hafizabad (2.38% spots)**, S.pura (1.36% spots), M.B.Din (1.35% spots), Kasur (1.55% spots), Lahore (3.53% spots), Nankana ( 2.06% spots), Khanewal (0.65% spots), Vehari (2.22% spots), Sahiwal (1.90% spots), Pakpattan (4.44% spots), B.Pur (0.53% spots), Jhang (3.11% spots), M.Garh (2.23% spots), T.T.Singh (3.94% spots), Faisalabad (3.04% spots) Mianwali (7.89% spots), Layyah (3.97% spots), Chakwal (4.76% spots), Rawalpindi (3.23% spots) and Khushab (7.32% spots).
- Powdery Mildew** incidence 0.02% spots has been observed in district Sialkot (0.60% spots).
- Others** incidence 0.02% spots has been observed in district Sialkot (0.60% spots).
- Brown Rust** incidence 0.66% spots has been observed in district Nawowal (1.65% spots), Kasur (0.52% spots), Multan (2.70% spots), Vehari (4.44% spots), Sahiwal (0.95% spots), Pakpattan (1.11% spots), Okara (3.45% spots), B.Pur (0.53% spots), B.Nagar (0.92% spots), R.Y.Khan (0.50% spots), D.G.khan (0.72% % spots), M.Garh (2.23% spots),T.T.Singh (0.99% spots), Sargodha (0.71% spots) and Khushab (2.44% spots).
- Yellow Rust** incidence 6.52% spots has been observed in district in all district except Jhang and Bahawalnagar.
- Up till now 14.34% area has been treated with Fungicides.

**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.