

**PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND WEEK OF APRIL, 2021**

**DISTRICT WISE SUMMARY**

District	Total Spots Visited	Total Area Surveyed (Acres)	Fungicide Treatment				Insect Pest							Beneficials/ spike	Disease Incidence				
			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	Other						
<b>RICE ZONE</b>																			
GUJRANWALA	101	1045	0	0.0	0	0.0	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
HAFIZABAD	36	411	10	27.8	84	20.4	0.00	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	152	1339	62	40.8	669	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.00	0.00	0.00	0.00	0.00	0.00
FEROZEWALA	44	324	0	0.0	0	0.0	0.00	0.00	0.00	0.00	4.55	0.00	0.00	2.00	0.00	0.00	0.00	0.00	0.00
SIALKOT	77	531	0	0.0	0	0.0	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
NAROWAL	115	802	0	0.0	0	0.0	0.00	0.00	0.00	0.00	3.48	0.00	0.00	4.00	0.00	0.00	0.00	0.00	0.00
GUJRAT	65	440	21	32.3	148	33.6	0.00	0.00	0.00	0.00	3.08	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00
M.B.DIN	78	298	31	39.7	122	40.9	0.00	0.00	0.00	0.00	5.13	0.00	0.00	0.01	1.28	2.56	0.00	0.00	1.28
KASUR	107	508	30	28.0	115	22.6	0.00	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	80	790	16	20.0	131	16.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	1.25	0.00	0.00
NANKANA	120	1040	0	0.0	0	0.0	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
<b>TOTAL RICE ZONE</b>	<b>975</b>	<b>7528</b>	<b>170</b>	<b>17.2</b>	<b>1269</b>	<b>16.7</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>1.48</b>	<b>0.00</b>	<b>0.00</b>	<b>0-21</b>	<b>0.12</b>	<b>0.35</b>	<b>0.11</b>	<b>0.00</b>	<b>0.12</b>
<b>COTTON ZONE</b>																			
MULTAN	75	700	0	0.0	0	0.0	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.05-0.1	0.00	0.00	0.00	0.00	0.00
LODHRAN	131	1006	0	0.0	0	0.0	0.0	0.0	6.1	0.00	0.00	2.29	0.00	0.12	0.00	0.00	0.00	0.00	0.00
KHANEWAL	140	1448	0	0.0	0	0.0	0.0	0.0	7.1	0.00	0.00	2.86	0.00	0.05-0.1	0.00	0.00	0.00	0.00	0.00
VEHARI	115	794	0	0.0	0	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	Other						
SAHIWAL	70	317	0	0.0	0	0.0	0.0	0.0	2.9	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAKPATTAN	80	339	0	0.0	0	0.0	0.0	0.0	5.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OKARA	41	149	0	0.0	0	0.0	0.00	0.00	4.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAHAWALPUR	201	1595	0	0.0	0	0.0	0.00	0.00	3.48	0.00	8.46	0.00	0.00	0.04	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	204	1093	0	0.0	0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
JHANG	316	1267	0	0.0	0	0.0	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
R.Y.KHAN	228	1670	0	0.0	0	0.0	0.00	0.00	2.63	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00
D.G.KHAN	188	950	5	2.7	29	3.1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
M.GARH	188	1092	0	0.0	0	0.0	0.00	0.00	0.00	0.00	10.64	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00
RAJANPUR	125	998	0	0.0	0	0.0	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
T.T.SING	140	542	3	2.1	4	0.7	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.1-0.8	0.00	4.29	0.00	0.00	0.00
CHINIOT	73	390	0	0.0	0	0.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01-0.2	0.00	0.00	0.00	0.00	0.00
FAISALABAD	92	366.8	0	0.0	0	0.0	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
<b>SARGODHA</b>	82	449	0	0.0	0	0.0	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
<b>TOTAL COTTON ZONE</b>	<b>2489</b>	<b>15165.8</b>	<b>8</b>	<b>0.3</b>	<b>33</b>	<b>0.2</b>	<b>0.00</b>	<b>0.00</b>	<b>2.89</b>	<b>0.00</b>	<b>1.24</b>	<b>0.56</b>	<b>0.00</b>	<b>0-20</b>	<b>0.00</b>	<b>0.24</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
<b>BARANI ZONE</b>																			
MIANWALI	60	299	0	0.0	0	0.0	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
BHAKHAR	89	364.5	4	4.5	20	5.5	0.00	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	697	0	0.0	0	0.0	0.00	0.00	3.73	0.00	0.00	0.00	0.00	0.18	0.00	0.00	0.00	0.00	0.00

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			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others	
							Aphid	ABW	AW	Other	Aphid	ABW	Other							
CHAKWAL	46	172	5	10.9	24	14.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.04	0.00	0.00
JHELUM	24	226	11	45.8	96	42.5	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.90	0.00	0.00	8.33	0.00	0.00	
ATTOCK	14	40.8	11	78.6	28	69.4	0.00	0.00	0.00	0.00	7.14	0.00	0.00	0.00	0.00	0.00	50.00	0.00	0.00	
RAWALPINDI	104	247.3	1	1.0	5	2.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.46	0.00	0.00	
KHUSHAB	64	152	4	6.3	12	7.9	0.00	0.00	0.00	0.00	6.25	0.00	0.00	0.00	1.56	0.00	0.00	0.00	0.00	
<b>TOTAL BARANI ZONE</b>	<b>535</b>	<b>2198.6</b>	<b>36</b>	<b>18.4</b>	<b>185.3</b>	<b>17.6</b>	<b>0.00</b>	<b>0.00</b>	<b>0.47</b>	<b>0.00</b>	<b>4.80</b>	<b>0.00</b>	<b>0.00</b>	<b>00-0.9</b>	<b>0.20</b>	<b>0.00</b>	<b>10.60</b>	<b>0.00</b>	<b>0.00</b>	
<b>G.TOTAL 2021</b>	<b>3999</b>	<b>24892.4</b>	<b>214</b>	<b>11.9</b>	<b>1487.9</b>	<b>11.5</b>	<b>0.00</b>	<b>0.00</b>	<b>1.12</b>	<b>0.00</b>	<b>2.50</b>	<b>0.19</b>	<b>0.00</b>	<b>0-21</b>	<b>0.10</b>	<b>0.19</b>	<b>3.57</b>	<b>0.00</b>	<b>0.04</b>	

### **OBSERVATIONS**

1. Total 3999 spots of wheat fields comprising area of 24892.4 acres in 36 districts were surveyed for pests.
2. Up till now 11.5% area has been treated with fungicides.
3. The attack of **Wheat Aphid** has been observed below ETL (2.50% spots) in different districts of Punjab.
4. The attack of **Armyworm** has been observed above ETL (1.12% spots) in districts Layyah (3.73% spots), Pakpattan (5.0% spots), R.Y.Khan (2.63% spots), Bahawalpur (3.48% spots), Okara (4.88% spots), Sahiwal (2.90% spots), Khanewal (7.1% spots), Lodhran (6.1% spots) and Multan (20.0% spots).
5. The attack of **American bollworm** has been observed below ETL (0.19% spots) in districts T.T.Singh (5.0% spots), Khanewal (2.86% spots), and Lodhran (2.29% spots).
6. **Smut** incidence (0.10% spots) has been observed in the Punjab in districts Khushab and M.B.Din.
7. **Brown Rust** incidence (0.19% spots) has been observed in the Punjab in districts Lahore, M.B.Din and T.T.Singh.
8. **Yellow Rust** incidence (3.57% spots) has been observed in all over Punjab.

### **RECOMMENDATIONS**

1. Farmers are being advised to spray appropriate weedicides on their crops as last resort.
2. Balanced use of fertilizers and biological agents may hamper the Aphid population.
3. Spray suitable fungicide in case of severe infection of Rust.
4. Fungicide Seed treatments are effective in managing Flag Smut