

## PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF JANUARY, 2020

## DISTRICT WISE SUMMARY

District	Total Spots Visited	Total Area Surveyed (Acres)	% Weeds Infestation								Weedicide Treatment				% Disease Incidence	
			Spots Above ETL				Spots Below ETL				Spots	%	Area	%	Brown Rust	Yellow Rust
			P. minor	Wild Oats	Lumar Grass	Broad leaf Weeds	P. minor	Wild Oats	Lumar Grass	Broad leaf Weeds						
<b>RICE ZONE</b>																
<b>GUJRANWALA</b>	119	1372	6.72	0.00	0.00	7.56	5.88	0.00	0.00	31.09	42	35.29	467	34.04	0.00	0.00
<b>HAFIZABAD</b>	95	1249	22.11	0.00	0.00	20.00	20.00	0.00	0.00	25.26	47	49.47	738	59.09	0.00	0.00
<b>SHEIKHUPURA</b>	91	1034	19.78	0.00	0.00	12.09	4.40	0.00	0.00	15.38	43	47.25	605	58.51	0.00	0.00
<b>FEROZEWALA</b>	38	208	10.53	0.00	0.00	18.42	0.00	0.00	0.00	0.00	18	47.37	90	43.27	5.26	0.00
<b>SIALKOT</b>	75	447	5.33	4.00	0.00	0.00	6.67	9.33	4.00	20.00	8	10.67	43	9.62	0.00	0.00
<b>NAROWAL</b>	160	1296	40.00	0.00	0.00	18.75	3.13	0.00	0.00	31.88	45	28.13	357	27.55	0.00	0.00
<b>GUJRAT</b>	40	282	15.00	0.00	0.00	22.50	12.50	0.00	0.00	17.50	23	57.50	214	75.89	0.00	0.00
<b>M.B.DIN</b>	76	444	6.58	0.00	0.00	7.89	14.47	0.00	0.00	19.74	29	38.16	203	45.72	0.00	0.00
<b>KASUR</b>	78	455	7.69	0.00	0.00	6.41	25.64	1.28	0.00	47.44	26	33.33	232	50.99	0.00	0.00
<b>LAHORE</b>	88	1127	47.73	0.00	0.00	18.18	0.00	0.00	0.00	31.82	40	45.45	643	57.05	0.00	0.00
<b>NANKANA</b>	48	363.5	16.67	0.00	0.00	8.33	12.50	0.00	0.00	22.92	24	50.00	167	45.94	0.00	0.00
<b>TOTAL RICE ZONE</b>	<b>908</b>	<b>8277.5</b>	<b>20.48</b>	<b>0.33</b>	<b>0.00</b>	<b>12.78</b>	<b>9.03</b>	<b>0.88</b>	<b>0.33</b>	<b>26.32</b>	<b>345</b>	<b>38.00</b>	<b>3759</b>	<b>45.41</b>	<b>0.22</b>	<b>0.00</b>
<b>COTTON ZONE</b>																
<b>MULTAN</b>	132	1260	25.76	0.00	0.00	25.76	15.15	0.00	0.00	21.21	66	50.00	732	58.10	0.00	0.00
<b>LODHRAN</b>	144	1200	13.19	0.00	0.00	11.81	33.33	0.00	0.00	88.19	71	49.31	532	44.33	0.00	0.69
<b>KHANEWAL</b>	162	1290	10.49	0.00	0.00	15.43	40.74	0.00	0.00	77.16	76	46.91	620	48.06	0.00	0.00
<b>VEHARI</b>	135	978	19.26	6.67	0.00	25.93	46.67	14.81	0.00	73.33	56	41.48	414	42.33	0.00	0.00
<b>SAHIWAL</b>	103	405	8.74	0.00	0.00	10.68	31.07	4.85	0.00	89.32	50	48.54	223	55.06	0.00	0.00
<b>PAKPATTAN</b>	95	1038	5.26	0.00	0.00	12.63	22.11	0.00	0.00	88.42	22	23.16	298	28.71	0.00	0.00
<b>OKARA</b>	67	411	0.00	0.00	0.00	0.00	19.40	8.96	0.00	29.85	29	43.28	76	18.49	0.00	0.00
<b>BAHAWALPUR</b>	216	1761	20.83	0.46	0.00	17.59	51.39	9.72	0.00	73.15	134	62.04	1101	62.52	0.00	0.93
<b>BAHAWALNAGAR</b>	210	1915	11.43	10.48	1.43	9.52	37.62	38.10	13.33	91.43	119	56.67	1155	60.31	0.00	0.00
<b>JHANG</b>	174	934	2.96	18.52	0.00	27.41	7.41	21.48	0.00	73.33	80	59.26	481	68.32	0.00	0.00

<b>R.Y.KHAN</b>	179	1335	10.16	2.14	0.00	10.16	13.90	3.74	6.42	81.82	60	32.09	419	38.26	0.00	2.79
<b>D.G.KHAN</b>	135	704	6.62	2.94	0.00	4.41	22.06	10.29	0.00	95.59	114	83.82	676	82.64	0.00	4.44
<b>M.GARH</b>	187	1095	10.16	2.14	0.00	10.16	13.90	3.74	6.42	81.82	60	32.09	419	38.26	0.00	2.67
<b>RAJANPUR</b>	136	818	6.62	2.94	0.00	4.41	22.06	10.29	0.00	95.59	114	83.82	676	82.64	0.00	4.41
<b>T.T.SING</b>	169	582	7.10	1.78	0.00	4.73	27.81	18.34	0.00	52.66	85	50.30	296	50.86	0.00	0.00
<b>CHINIOT</b>	115	546	6.09	0.00	0.00	11.30	9.57	0.00	0.00	88.70	47	40.87	245	44.87	0.00	0.00
<b>FAISALABAD</b>	169	681.5	8.28	1.78	0.00	7.10	34.91	25.44	0.00	69.23	46	27.22	166	24.36	0.00	0.59
<b>SARGODHA</b>	99	485	3.03	0.00	0.00	15.15	30.30	0.00	0.00	83.84	44	44.44	250	51.55	0.00	0.00
<b>TOTAL COTTON ZONE</b>	<b>2627</b>	<b>17438.5</b>	<b>10.77</b>	<b>2.85</b>	<b>0.11</b>	<b>12.83</b>	<b>30.03</b>	<b>13.89</b>	<b>1.52</b>	<b>72.33</b>	<b>1267</b>	<b>48.23</b>	<b>8753</b>	<b>50.19</b>	<b>0.00</b>	<b>0.99</b>
<b>BARANI ZONE</b>																
<b>MIANWALI</b>	130	610	11.54	15.38	0.00	33.08	7.69	13.85	0.00	1.54	85	65.38	394	64.59	0.00	0.00
<b>BHAKHAR</b>	82	432	7.32	10.98	0.00	3.66	23.17	26.83	0.00	12.20	69	84.15	360	83.33	0.00	1.22
<b>LAYYAH</b>	145	724	0.00	8.97	0.00	14.48	0.00	0.00	0.00	85.52	84	57.93	404	55.80	0.00	0.00
<b>CHAKWAL</b>	51	116.37	23.53	9.80	17.65	23.53	25.49	15.69	0.00	49.02	17	33.33	44	37.47	0.00	0.00
<b>JHELUM</b>	45	259	13.33	4.44	0.00	6.67	4.44	4.44	0.00	20.00	33	73.33	205	79.15	0.00	0.00
<b>ATTOCK</b>	45	127	0.00	2.22	0.00	8.89	0.00	17.78	0.00	42.22	3	6.67	19	15.20	0.00	0.00
<b>RAWALPINDI</b>	62	227.35	6.45	9.68	0.00	4.84	0.00	1.61	0.00	45.16	12	19.35	67	29.38	0.00	0.00
<b>KHUSHAB</b>	42	190	0.00	0.00	0.00	11.90	7.14	0.00	0.00	88.10	32	76.19	159	83.68	0.00	4.76
<b>TOTAL BARANI ZONE</b>	<b>602</b>	<b>2685.72</b>	<b>7.14</b>	<b>9.30</b>	<b>1.50</b>	<b>15.61</b>	<b>7.81</b>	<b>9.80</b>	<b>0.00</b>	<b>42.19</b>	<b>335</b>	<b>55.65</b>	<b>1652</b>	<b>61.50</b>	<b>0.00</b>	<b>0.50</b>
<b>G.TOTAL 2020</b>	<b>4137</b>	<b>28401.72</b>	<b>12.38</b>	<b>3.24</b>	<b>0.29</b>	<b>13.22</b>	<b>22.19</b>	<b>10.44</b>	<b>1.04</b>	<b>57.84</b>	<b>1947</b>	<b>47.29</b>	<b>14164</b>	<b>52.37</b>	<b>0.07</b>	<b>0.50</b>

**OBSERVATIONS**

- Total 4137 spots of wheat fields comprising area of 28401.72 acres in 36 districts were surveyed for pests.
- On Over all Punjab basis total 29.13% above ETL spots of weeds were reported including **narrow leaf weeds** such as **P. miner (12.38% spots)**, **Wild Oats (3.24% spots)**, Lumar grass (0.29% spots) & **Broad leaf weeds (13.22% spots)**.
- Brown Rust** incidence (0.07% spots) has been observed in Punjab (5.25% spots in Ferozswala).
- Yellow Rust** incidence (0.50% spots) has been observed in district Lodhran (0.69% spots), Bahawalpur (0.93% spots), R.Y.Khan (2.79% spots), D.G.Khan (4.44% spots), Muzaffargarh (2.67% spots), Rajanpur (4.41% spots), Faisalabad (0.59% spots), Bhakkar (1.22% spots) and Khushab (4.76% spots).
- Up till now 52.37% area has been treated with weedicides.

**RECOMMENDATIONS**

- Farmers are being advised to spray appropriate weedicides on their crops as last resort.
- Spray suitable fungicide in case of severe infection of Rust.