

Table I: PEST SCOUTING REPORT OF WHEAT CROP FOR THE 3RD WEEK OF MARCH, 2019										
DISTRICT WISE SUMMARY										
District	Total Spots Visited	Total Area Surveyed (Acres)	% Pest Insects		Beneficials / spike	% Disease Incidence				
			Spots Above ETL	Spots Below ETL		Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
			Aphid	Aphid						
<b>RICE ZONE</b>										
GUJRANWALA	169	789	0.59	10.06	0.00	0.59	0.00	31.95	0.00	0.00
HAFIZABAD	83	1390	0.00	1.20	0.00	0.00	0.00	28.92	0.00	0.00
SHEIKHUPURA	145	1535	0.00	34.48	0.00	0.69	1.38	53.10	0.00	0.00
FEROZEWALA	62	546	0.00	80.65	0.23	0.00	0.00	61.29	0.00	0.00
SIALKOT	138	1165	0.00	13.77	0.00	0.00	0.00	28.26	0.00	0.00
NAROWAL	200	1694	3.50	38.00	0.00	0.00	0.00	30.00	0.00	0.00
GUJRAT	57	464.5	0.00	14.04	0.00	0.00	0.00	43.86	0.00	0.00
M.B.DIN	138	703	0.00	28.26	0.01	0.00	0.00	23.91	0.00	0.00
KASUR	93	427	1.08	37.63	0.00	0.00	0.00	22.58	0.00	0.00
LAHORE	62	643	1.61	9.68	0.00	0.00	0.00	58.06	0.00	0.00
NANKANA	66	519.5	0.00	62.12	0.00	0.00	0.00	36.36	0.00	0.00
<b>TOTAL RICE ZONE</b>	<b>1213</b>	<b>9876</b>	<b>0.82</b>	<b>28.19</b>	<b>0.00-0.23</b>	<b>0.16</b>	<b>0.16</b>	<b>35.53</b>	<b>0.00</b>	<b>0.00</b>
<b>COTTON ZONE</b>										
MULTAN	118	1339	3.39	70.34	0.00	0.00	0.00	38.14	0.00	0.00
LODHRAN	169	1435	2.96	66.27	0.00	0.00	0.00	60.95	0.00	0.00
KHANEWAL	199	1779	0.50	34.17	0.00	0.00	0.00	25.63	0.00	0.00

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			Aphid	Aphid						
VEHARI	129	1125	1.55	58.14	0.00	0.00	0.00	48.06	0.00	0.00
SAHIWAL	114	636	0.00	40.35	19.50	0.00	0.88	13.16	0.00	0.00
PAKPATTAN	108	703	0.00	26.85	0.00	0.00	0.00	22.22	0.00	0.00
OKARA	83	625	0.00	19.28	0.00	0.00	0.00	24.10	0.00	0.00
BAHAWALPUR	181	1618	0.00	50.28	0.00	0.00	0.00	66.85	0.00	0.00
BAHAWALNAGAR	201	1590	0.00	47.76	0.02	0.00	0.00	50.25	0.00	0.00
JHANG	188	920	0.00	15.43	0.1-0.65	9.04	0.00	20.74	0.00	0.00
R.Y.KHAN	181	1394	0.00	27.07	0.00	0.00	0.00	23.76	0.00	0.00
D.G.KHAN	185	794	0.00	30.81	0.24	0.00	0.00	37.30	0.00	0.00
M.GARH	240	1077	0.42	47.92	1.39	0.00	0.00	16.67	0.00	0.00
RAJANPUR	138	820	0.72	29.71	0.05-0.7	0.00	0.00	23.19	0.00	0.00
T.T.SING	207	800	0.00	22.22	0.1 to 0.2	0.00	0.00	39.13	0.00	0.00
CHINIOT	78	381	0.00	51.28	0.05-0.1	0.00	0.00	32.05	0.00	0.00
FAISALABAD	162	777	0.00	44.44	0.05-1	1.23	0.00	14.20	0.00	0.00
SARGODHA	115	540.5	0.00	39.13	0.10-0.25	0.00	0.00	45.22	0.00	0.00
<b>TOTAL COTTON ZONE</b>	<b>2796</b>	<b>18353.5</b>	<b>0.50</b>	<b>39.70</b>	<b>0.00-19.5</b>	<b>0.68</b>	<b>0.04</b>	<b>33.83</b>	<b>0.00</b>	<b>0.00</b>
<b>BARANI ZONE</b>										
MIANWALI	120	715	0.00	10.83	13.00	0.83	0.00	9.17	0.00	0.00
BHAKHAR	85	354	0.00	67.06	0.05-0.5	3.53	0.00	30.59	0.00	0.00

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			Aphid	Aphid						
LAYYAH	140	739	0.00	27.14	0.38	0.00	0.00	18.57	0.00	0.00
CHAKWAL	62	313.125	0.00	12.90	4.84	12.90	0.00	41.94	0.00	0.00
ATTOCK	21	46.3	0.00	14.29	0.00	0.00	0.00	100.00	0.00	0.00
RAWALPINDI	56	137.2	0.00	8.93	0.00	0.00	0.00	62.50	0.00	0.00
KHUSHAB	51	197	0.00	62.75	20.00	0.00	0.00	37.25	0.00	0.00
<b>TOTAL BARANI ZONE</b>	<b>544</b>	<b>2528.625</b>	<b>0.00</b>	<b>28.86</b>	<b>0.00-20</b>	<b>2.21</b>	<b>0.00</b>	<b>31.07</b>	<b>0.00</b>	<b>0.00</b>
<b>3rd week of Mar, 2019</b>	<b>4553</b>	<b>30758.125</b>	<b>0.53</b>	<b>35.34</b>	<b>0.00-20</b>	<b>0.72</b>	<b>0.07</b>	<b>33.96</b>	<b>0.00</b>	<b>0.00</b>
<b>2nd week of Mar, 2019</b>	<b>4586</b>	<b>33922.95</b>	<b>0.13</b>	<b>19.17</b>	<b>0.00-0.15</b>	<b>0.63</b>	<b>0.78</b>	<b>15.77</b>	<b>0.00</b>	<b>0.07</b>
<b>3rd Week of Mar, 2018</b>	<b>3987</b>	<b>27798.5</b>	<b>4.01</b>	<b>48.91</b>	<b>0.001-4.41</b>	<b>1.81</b>	<b>0.00</b>	<b>3.44</b>	<b>0.00</b>	<b>0.00</b>

### **OBSERVATIONS**

1. Total 4553 spots of wheat fields comprising area of 30758.12 acres in 36 districts were surveyed for pests.
2. **Aphid** infestation AETL has been observed on 0.53% spots in most of districts in Punjab & infestation BETL has been observed on 35.34% spots in most of the districts in Punjab.
3. **Smut** incidence (0.72% spots) has been observed in most of the districts in the Punjab .
4. **Brown Rust** incidence (0.72% spots) has been observed in the Punjab in 2 different districts with expected increase in incidence and intensity.
5. **Yellow Rust** incidence (33.96% spots) has been observed in different districts in Punjab with expected increase in incidence and intensity.  
The %age of spots reported & intensity is much higher as compared to last year.

### **RECOMMENDATIONS**

1. Treat aphid infested spots with pressurized water.
2. Spray suitable fungicide in case of severe infection of Rust and Smut.