

Table I: PEST SCOUTING REPORT OF WHEAT CROP FOR THE 1ST 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	Downy Mildew	Others
			Aphid	Aphid							
RICE ZONE											
GUJRANWALA	112	926	0.00	1.79	0.00	0.00	0.00	2.68	0.00	0.00	0.00
HAFIZABAD	94	1982	0.00	3.19	0.00	2.13	0.00	14.89	0.00	0.00	0.00
SHEIKHUPURA	160	1712	0.00	4.38	0.00	0.63	0.00	3.75	0.00	0.00	0.00
FEROZEWALA	73	535	0.00	13.70	0-1.5	0.00	0.00	12.33	0.00	0.00	0.00
SIALKOT	192	1769	0.00	0.00	0.00	0.00	0.00	5.73	0.00	0.00	0.00
NAROWAL	217	1900	0.00	0.00	0.00	0.00	0.00	1.84	0.00	0.00	0.00
GUJRAT	48	308.5	0.00	0.00	0.00	0.00	0.00	18.75	0.00	0.00	0.00
M.B.DIN	73	418.5	0.00	24.66	0.01	0.00	0.00	23.29	0.00	0.00	0.00
KASUR	77	404	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAHORE	64	821	0.00	17.19	0.00	0.00	0.00	17.19	0.00	0.00	0.00
NANKANA	83	656	0.00	15.66	0.00	2.41	0.00	10.84	0.00	0.00	0.00
TOTAL RICE ZONE	1193	11432	0.00	5.36	0-1.5	0.42	0.00	7.80	0.00	0.00	0.00
COTTON ZONE											
MULTAN	136	1718	0.74	38.24	0.05-0.15	1.47	0.00	9.56	0.00	0.00	0.00
LODHRAN	180	1619	0.00	23.89	0.05-0.1	0.56	0.00	13.33	0.00	0.00	0.00
KHANEWAL	156	1283	0.00	21.15	0.05-0.1	0.00	0.00	7.69	0.00	0.00	0.00

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			Aphid	Aphid							
VEHARI	154	1444	0.00	16.88	0.05-0.1	0.00	0.00	8.44	0.00	0.00	0.00
SAHIWAL	94	533	0.00	19.15	10.64	0.00	0.00	4.26	0.00	0.00	0.00
PAKPATTAN	91	369	0.00	4.40	0.00	0.00	0.00	2.20	0.00	0.00	0.00
OKARA	74	512	0.00	0.00	0.00	0.00	0.00	6.76	0.00	0.00	0.00
BAHAWALPUR	174	1577	0.00	13.22	0.00	1.15	0.00	24.14	0.00	0.00	0.00
BAHAWALNAGAR	203	1869	0.00	31.53	0.00	0.00	2.46	14.29	0.00	0.00	0.00
JHANG	179	810	0.00	5.59	1-1.3	0.00	0.00	2.79	0.00	0.00	0.00
R.Y.KHAN	198	1357	0.00	19.70	0.00	0.00	0.00	5.56	0.00	0.00	0.00
D.G.KHAN	226	1003	0.00	9.29	0.00	0.00	0.00	3.98	0.00	0.00	0.00
M.GARH	202	1060	0.00	15.35	0.00	0.00	0.99	4.95	0.00	0.00	0.00
RAJANPUR	101	510	0.00	17.82	11.00	0.00	0.00	5.94	0.00	0.00	0.00
T.T.SING	165	738	0.00	7.88	0.18	0.00	0.00	4.24	0.00	0.00	0.00
CHINIOT	74	372	0.00	17.57	0.00	0.00	0.00	6.76	0.00	0.00	0.00
FAISALABAD	135	712.5	0.00	5.93	0.07	0.74	0.00	5.93	0.00	0.00	0.00
SARGODHA	82	443	0.00	19.51	6.10	0.00	1.22	7.32	0.00	0.00	0.00
TOTAL COTTON ZONE	2624	17929.5	0.04	16.46	0-3.5	0.23	0.30	8.04	0.00	0.00	0.00
BARANI ZONE											
MIANWALI	110	660	0.00	10.00	0-0.11	0.91	0.00	4.55	0.00	0.00	0.00

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			Aphid	Aphid							
BHAKHAR	83	396	0.00	14.46	0.00	1.20	0.00	9.64	0.00	0.00	0.00
LAYYAH	159	1002	0.00	7.55	0.16	0.00	0.00	4.40	0.00	0.00	0.00
CHAKWAL	24	75.5	0.00	8.33	0.00	12.50	0.00	12.50	0.00	0.00	0.00
ATTOCK	10	21.5	0.00	30.00	0.00	0.00	0.00	70.00	0.00	0.00	0.00
RAWALPINDI	99	225.9	0.00	3.03	0.00	1.01	0.00	21.21	0.00	0.00	1.01
KHUSHAB	41	197	0.00	24.39	0.05-0.8	0.00	0.00	14.63	0.00	0.00	0.00
TOTAL BARANI ZONE	526	2577.9	0.00	10.08	0-0.16	1.14	0.00	10.84	0.00	0.00	0.19
G.TOTAL 2019	4343	31939.4	0.02	12.64	0-3.5	0.39	0.18	8.31	0.00	0.00	0.02

OBSERVATIONS

1. Total 4343 spots of wheat fields comprising area of 31939.4 acres in 36 districts were surveyed for pests.
2. **Aphid** infestation AETL has been observed on 0.02% spots in Punjab in district Multan & infestation BETL has been observed on 12.64% spots in most of the districts in Punjab .
3. **Smut** incidence (0.39% spots) has been observed in most of the districts in the Punjab .
4. **Brown Rust** incidence (0.18% spots) has been observed in the Punjab in 5 different districts with expected increase in incidence and intensity.
5. **Yellow Rust** incidence (8.31% spots) has been observed in different districts in Punjab with expected increase in incidence and intensity.
6. Other (flag Smut) incidence (0.02% spots) has been observed in Punjab in district Rawalpindi.

RECOMMENDATIONS

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