

Table I: PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND 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						
RICE ZONE										
GUJRANWALA	160	1739	0.00	0.63	0.00	0.00	0.00	6.88	0.00	0.00
HAFIZABAD	100	1675	0.00	3.00	0.00	2.00	0.00	28.00	0.00	0.00
SHEIKHUPURA	145	1503	0.00	8.97	0.00	1.38	0.00	8.97	0.00	0.00
FEROZEWALA	54	455	0.00	27.78	0.00	0.00	0.00	24.07	0.00	0.00
SIALKOT	183	1730	0.00	2.19	0.00	0.00	0.00	21.86	0.00	0.00
NAROWAL	200	1859	0.00	26.00	0.00	0.00	0.00	13.00	0.00	0.00
GUJRAT	60	481.5	0.00	3.33	0.00	0.00	0.00	18.33	0.00	0.00
M.B.DIN	104	671	0.00	30.77	0.01	0.96	0.00	22.12	0.00	0.00
KASUR	83	364	0.00	21.69	0.00	2.41	0.00	4.82	0.00	0.00
LAHORE	49	658	0.00	4.08	0.00	0.00	0.00	14.29	0.00	0.00
NANKANA	74	583	0.00	45.95	0.00	1.35	0.00	21.62	0.00	0.00
TOTAL RICE ZONE	1212	11718.5	0.00	14.52	0.00-0.005	0.66	0.00	15.84	0.00	0.00
COTTON ZONE										
MULTAN	134	1879	4.48	52.99	0.05-0.15	0.00	0.00	14.93	0.00	0.00
LODHRAN	180	1489	0.00	36.67	0.05-0.1	0.00	0.00	21.67	0.00	0.00
KHANEWAL	184	1627	0.00	25.00	0.05-0.1	0.00	0.00	13.04	0.00	0.00
VEHARI	156	1392	0.00	23.08	0.05-0.1	0.00	18.59	27.56	0.00	0.00

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			Aphid	Aphid						
SAHIWAL	94	545	0.00	27.66	0.01-0.26	1.06	0.00	6.38	0.00	0.00
PAKPATTAN	104	511	0.00	7.69	0.00	0.00	0.00	3.85	0.00	0.00
OKARA	77	619	0.00	0.00	0.00	0.00	0.00	11.69	0.00	0.00
BAHAWALPUR	190	1613	0.00	28.42	0.00	1.05	0.00	41.58	0.00	0.00
BAHAWALNAGAR	206	1506	0.00	41.75	0.00	0.00	0.97	21.36	0.00	0.00
JHANG	213	1180	0.00	5.63	0.2-1.5	0.00	0.00	4.69	0.00	0.00
R.Y.KHAN	191	1527	0.00	24.61	0.00	0.00	0.00	15.71	0.00	0.00
D.G.KHAN	255	1160	0.00	7.45	0.00	0.00	0.00	9.41	0.00	0.00
M.GARH	207	881	0.00	25.12	1.40	0.97	2.42	9.18	0.00	0.00
RAJANPUR	120	684	0.00	8.33	0.00-0.11	0.00	0.00	16.67	0.00	0.00
T.T.SING	160	651	0.00	5.63	0.00	0.00	0.00	10.00	0.00	0.00
CHINIOT	66	296	0.00	30.30	0.00	3.03	0.00	27.27	0.00	0.00
FAISALABAD	137	852.5	0.00	21.90	0.00	0.00	0.00	18.98	0.00	0.00
SARGODHA	189	1027	0.00	11.64	0.01-0.04	0.00	0.00	15.34	0.00	0.00
TOTAL COTTON ZONE	2863	19439.5	0.21	21.45	0.00-1.5	0.24	1.26	16.07	0.00	0.00
BARANI ZONE										
MIANWALI	110	701	0.00	12.73	0.01-0.14	3.64	0.00	10.91	0.00	0.00
BHAKHAR	90	380	0.00	51.11	0.05-0.3	5.56	0.00	17.78	0.00	0.00
LAYYAH	148	1057	0.00	12.84	0.1-0.3	0.00	0.00	10.14	0.00	0.00

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			Aphid	Aphid						
CHAKWAL	58	293.85	0.00	0.00	0.00	6.90	0.00	13.79	0.00	0.00
ATTOCK	13	38.6	0.00	0.00	0.00	0.00	0.00	53.85	0.00	0.00
RAWALPINDI	73	198.5	0.00	1.37	0.21	1.37	0.00	12.33	0.00	4.11
KHUSHAB	19	96	0.00	47.37	0.01-0.5	0.00	0.00	21.05	0.00	0.00
TOTAL BARANI ZONE	511	2764.95	0.00	17.42	0.00-0.15	2.74	0.00	13.89	0.00	0.59
2nd week of Mar, 2019	4586	33922.95	0.13	19.17	0.00-0.15	0.63	0.78	15.77	0.00	0.07
1st week of Mar, 2019	4343	31939.4	0.02	12.64	0-3.5	0.39	0.18	8.31	0.00	0.02
2nd Week of Mar, 2018	4080	28717.4	1.50	40.05	0.01-1.4	0.83	0.69	0.00	0.00	0.00

OBSERVATIONS

1. Total 4586 spots of wheat fields comprising area of 33922.95 acres in 36 districts were surveyed for pests.
2. **Aphid** infestation AETL has been observed on 0.13% spots in Punjab in district Multan & infestation BETL has been observed on 19.17% spots in most of the districts in Punjab .which is much lower as compared to last 2 years.
3. **Smut** incidence (0.63% spots) has been observed in most of the districts in the Punjab .
4. **Brown Rust** incidence (1.31% spots) has been observed in the Punjab in 4 different districts with expected increase in incidence and intensity.
5. **Yellow Rust** incidence (15.24% 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.
6. Other (flag Smut) incidence (0.59% 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.