

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 3RD WEEK OF MARCH, 2020																								
DISTRICT WISE SUMMARY																								
District	Total Spots Visited	Total Area Surveyed (Acres)	Fungicides Treatment				% Pest Insects								Beneficials/ spike	% Disease Incidence								
			Spots	%	Area	%	Spots Above ETL				Spots Below ETL					Smut	Brown Rust	Yellow Rust	Intensity			Powdery Mildew	Downy Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	AW	Other					Low	Medium	High			
RICE ZONE																								
GUJRANWALA	88	739	11	12.50	139	18.81	0.00	0.00	0.00	0.00	11.36	0.00	0.00	0.00	0.00	1.14	0.00	46.59	85.37	14.63	0.00	0.00	0.00	
HAFIZABAD	92	1294	13	14.13	338	0.26	0.00	0.00	0.00	23.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.65	100.00	0.00	0.00	0.00	0.00	
SHEIKHUPURA	88	1208	39	44.32	638	52.81	0.00	0.00	0.00	15.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	19.32	100.00	0.00	0.00	0.00	0.00	
FEROZWALA	36	144	6	16.67	27	18.75	5.56	0.00	0.00	0.00	47.22	0.00	0.00	0.00	0.02	0.00	11.11	47.22	100.00	0.00	0.00	0.00	0.00	
SIALKOT	65	532	5	7.69	33	6.20	1.54	0.00	0.00	0.00	16.92	0.00	0.00	0.00	0.00	1.54	0.00	61.54	65.00	30.00	5.00	0.00	0.00	
NAROWAL	178	1302	29	16.29	333	25.57	0.00	0.00	0.00	28.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	47.75	100.00	0.00	0.00	0.00	0.00	
GUJRAT	29	164	2	6.90	25	15.00	0.00	0.00	0.00	20.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.14	100.00	0.00	0.00	0.00	0.00	
M.B.DIN	109	545	11	10.09	57	10.45	4.59	0.00	0.00	0.00	43.12	0.00	0.00	0.00	0.00	0.00	0.00	41.28	100.00	0.00	0.00	0.00	0.00	
KASUR	73	253	18	24.66	82	32.41	0.00	0.00	0.00	17.81	0.00	0.00	0.00	2.00	0.00	0.00	17.81	100.00	0.00	0.00	0.00	0.00	0.00	
LAHORE	62	725	15	24.19	198	27.31	9.68	0.00	0.00	0.00	22.58	0.00	0.00	0.00	0.00	0.00	0.00	29.03	100.00	0.00	0.00	0.00	0.00	
NANKANA	62	493	8	12.90	67	13.59	0.00	0.00	0.00	20.97	0.00	0.00	0.00	0.00	3.23	0.00	20.97	100.00	0.00	0.00	0.00	0.00	0.00	
TOTAL RICE ZONE	882	7399	157	17.80	1937	26.18	1.59	0.00	0.00	0.00	24.72	0.00	0.00	0.00	0.00-2	0.45	0.45	40.93	94.52	4.93	0.55	0.00	0.00	0.00
COTTON ZONE																								
MULTAN	138	1644	69	50.00	1064	64.72	0.00	0.00	0.00	0.00	36.96	0.00	0.00	0.00	0.2-1.0	0.00	0.00	77.54	38.32	59.81	1.87	0.00	0.00	
LODHARAN	180	1070	84	46.67	461	43.08	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.1-0.4	0.00	0.00	27.22	87.76	12.24	0.00	0.00	0.00	
KHANEWAL	162	1230	39	24.07	254	20.65	0.00	0.00	0.00	17.28	0.00	0.00	0.00	0.00	0.1-2.5	2.47	0.00	32.10	73.08	21.15	5.77	0.00	0.00	
VEHARI	143	963	51	25.66	387	40.19	0.00	0.00	0.00	51.05	0.00	0.00	0.00	0.01-0.4	0.00	0.70	30.07	100.00	0.00	0.00	0.00	0.00	0.00	
SAHIWAL	173	717	17	9.83	90	12.55	0.00	0.00	0.00	29.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.28	100.00	0.00	0.00	0.00	0.00	
PAKPATTAN	100	572	21	21.00	136	23.78	0.00	0.00	0.00	19.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	34.00	91.18	8.82	0.00	0.00	0.00	
OKARA	108	485	17	15.74	77	15.88	0.00	0.00	0.00	39.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	44.44	100.00	0.00	0.00	0.00	0.00	
BAHAWALPUR	190	1421	71	37.37	456	32.09	0.00	0.00	0.00	21.05	0.00	0.00	0.00	-2-3	0.00	0.00	27.89	96.23	3.77	0.00	0.00	0.00	0.00	
BAHAWALNAGAR	235	1685	86	36.60	608	36.08	0.00	0.00	0.00	40.85	0.00	0.00	0.00	0.02	0.00	0.00	14.47	91.18	8.82	0.00	0.00	0.00	0.00	
JHANG	155	490	95	56.55	433	56.82	0.00	0.00	0.00	38.10	0.00	0.00	0.00	0.05-1.25	0.00	0.00	16.77	100.00	0.00	0.00	0.00	0.00	0.00	
R.Y.KHAN	204	1316	82	46.07	519	47.01	1.12	0.00	0.00	42.13	0.00	0.00	0.00	0.48	0.00	0.00	37.25	98.68	1.32	0.00	0.00	0.00	0.00	
D.G.KHAN	168	762	28	26.17	152	27.14	0.00	0.00	0.00	23.36	0.00	0.00	0.00	0.00	0.00	2.38	84.52	66.44	33.56	0.00	0.00	0.00	0.00	
M.GARH	178	1104	82	46.07	519	47.01	1.08	0.00	0.00	36.56	0.00	0.00	0.00	0.85	0.00	2.25	41.01	100.00	0.00	0.00	0.00	0.00	0.00	
RAJANPUR	107	560	28	26.17	152	27.14	0.00	0.00	0.00	23.36	0.00	0.00	0.00	0.1-0.2	0.00	0.00	25.23	100.00	0.00	0.00	0.00	0.00	0.00	
T.T.SING	186	654	38	20.43	117	17.88	1.08	0.00	0.00	36.56	0.00	0.00	0.00	0.1-6	0.00	1.61	24.19	100.00	0.00	0.00	0.00	0.00	0.00	
CHINIOT	106	506	21	19.81	161	31.81	0.94	0.00	0.00	42.45	0.00	0.00	0.00	0.05-0.1	2.83	0.00	29.25	100.00	0.00	0.00	0.00	0.00	0.00	
FAISALABAD	148	560.5	16	10.81	61	10.88	0.00	0.00	0.00	31.08	0.00	0.00	0.00	0.01-1.85	0.00	0.00	10.14	100.00	0.00	0.00	0.00	0.00	0.00	
SARGODHA	81	389	28	34.56	120	30.00	0.00	0.00	0.00	72.84	0.00	0.00	0.00	0.79	0.00	2.47	59.26	100.00	0.00	0.00	0.00	0.00	0.00	
TOTAL COTTON ZONE	2762	16128.5	875	31.68	5745	35.62	0.22	0.00	0.00	0.00	34.72	0.00	0.00	0.00	0.00-3	0.58	0.51	34.21	84.98	14.49	0.52	0.00	0.00	0.00
BARANI ZONE																								
MIANWALI	70	356	0	0.00	0	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00-0.05	0.00	0.00	24.29	100.00	0.00	0.00	0.00	0.00	0.00	
BHAKHAR	108	348	24	22.22	78	22.41	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.01-0.15	2.78	0.00	24.07	100.00	0.00	0.00	0.00	0.00	0.00	
LAYYAH	150	800	27	18.00	120	15.00	0.00	0.00	0.00	26.00	0.00	0.00	0.00	0.00	0.00	0.00	28.67	86.05	13.95	0.00	0.00	0.00	0.00	
CHAKWAL	42	169.125	2	4.76	7	4.14	0.00	0.00	0.00	14.29	0.00	0.00	0.00	0.01	0.00	0.00	42.86	100.00	0.00	0.00	0.00	0.00	0.00	
ATTOCK	23	65.4	3	13.00	8	11.60	0.00	0.00	0.00	8.70	0.00	0.00	0.00	0.00-0.05	0.00	0.00	26.09	100.00	0.00	0.00	0.00	0.00	0.00	
RAWALPINDI	92	147.8	23	25.00	51	34.70	0.00	0.00	0.00	10.87	0.00	0.00	0.00	0.82	0.00	0.00	23.91	100.00	0.00	0.00	0.00	0.00	0.00	
KHUSHAB	18	33	0	0.00	0	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00-0.15	0.00	0.00	33.33	100.00	0.00	0.00	0.00	0.00	0.00	
TOTAL BARANI ZONE	503	1919.33	79	15.71	264	13.75	0.00	0.00	0.00	0.00	40.56	0.00	0.00	0.00-0.75	0.60	0.00	27.44	95.65	4.35	0.00	0.00	0.00	0.00	
G.TOTAL 2020	4147	25446.825	1111	21.73	7946	25.18	0.60	0.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00-3	0.54	0.32	34.19	88.37	11.15	0.48	0.00	0.00	

OBSERVATIONS

1. Total 4147 spots of wheat fields comprising area of 25446.82 acres in 35 districts were surveyed for pests.
2. Aphid infestation AETL has been observed on 0.60% spots in districts Ferozwala (5.56% spots), Sialkot (1.54% spots), M.B. Din (4.59% spots), Lahore (9.68% spots), R.Y.Khan (1.12% spots), M.Garh (1.08% spots), T.T. Singh (1.08% spots) and Chiniot (0.94% spots).
3. Smut incidence (0.54% spots) has been observed in the Punjab in districts Gujranwala, Sialkot, Nankana Sahib, Khanewal, Chiniot and Bhakhar.
4. Brown Rust incidence (0.32% spots) has been observed in district Ferozwala (11.11% spots), Vehari (0.70% spots), D.G.Khan (2.38% spots), M.Garh (2.25% spots), T.T. Singh (1.61% spots) and Sargodha (2.47% spots).
5. Yellow Rust incidence (34.15% spots) has been observed in all the district in Punjab.
6. Up till now 21.73% spots have been treated with fungicides covering 25.18% area.

RECOMMENDATIONS

1. Farmers are being advised to spray appropriate weedicides on their crops as last resort.
2. Spray suitable fungicide in case of severe infection of Rust.
3. Fungicide Seed treatments are effective in managing Flag Smut