

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND 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	Powdery Mildew	Downy Mildew	Others	
							Aphid	ABW	AW	Other	Aphid	ABW	AW	Other								
RICE ZONE																						
GUJRANWALA	108	810	2	1.85	28	3.46	0.00	0.00	0.00	0.00	2.78	0.00	0.00	0.00	0.00	0.93	0.00	17.59	0.00	0.00	0.00	
HAFIZABAD	87	1245	12	13.79	151	12.12	0.00	0.00	0.00	0.00	12.64	0.00	0.00	0.00	0.00	0.00	0.00	28.74	0.00	0.00	0.00	
SHEIKHUPURA	80	825	25	31.25	205	24.84	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	0.00	6.25	0.00	0.00	0.00	
FEROZEWALA	39	226	2	5.13	19	8.41	0.00	0.00	0.00	0.00	23.08	0.00	0.00	0.00	0.001-0.005	0.00	0.00	17.95	0.00	0.00	0.00	
SIALKOT	99	856	4	4.04	29	3.88	0.00	0.00	0.00	0.00	9.09	0.00	0.00	0.00	0.00	0.00	0.00	20.20	0.00	0.00	0.00	
NAROWAL	170	1253	7	4.12	80	6.57	6.47	0.00	0.00	0.00	32.35	0.00	0.00	0.00	0.00	0.00	0.00	23.53	0.00	0.00	0.00	
GUJRAT	40	269	5	12.50	24	8.92	0.00	0.00	0.00	0.00	17.50	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	
M.B.DIN	63	434	2	3.17	11	17.46	0.00	0.00	0.00	0.00	17.46	0.00	0.00	0.00	0.00	1.59	0.00	14.29	0.00	0.00	0.00	
KASUR	76	312	17	22.37	78	25.00	0.00	0.00	0.00	0.00	14.47	0.00	0.00	0.00	0.01-0.05	1.32	0.00	6.58	0.00	0.00	0.00	
LAHORE	45	634	2	4.44	20	3.15	2.22	0.00	0.00	0.00	28.89	0.00	0.00	0.00	0.00	0.00	0.00	15.56	0.00	0.00	0.00	
NANKANA	75	684	6	8.00	52	7.60	0.00	0.00	0.00	0.00	18.67	0.00	0.00	0.00	0.00	1.33	0.00	21.33	0.00	0.00	0.00	
TOTAL RICE ZONE	882	7548	84	9.52	697	9.23	1.36	0.00	0.00	0.00	16.67	0.00	0.00	0.00	0.001-0.05	0.34	0.11	18.48	0.00	0.00	0.00	
COTTON ZONE																						
MULTAN	131	1169	57	43.51	429	36.70	0.00	0.00	0.00	0.00	16.03	0.00	0.00	0.00	0.00	0.76	0.00	35.88	0.00	0.00	0.00	
LODHRAN	120	721	42	35.00	251	34.81	0.00	0.00	0.00	0.00	28.33	0.00	0.00	0.00	0.1-0.2	0.00	0.00	26.67	0.00	0.00	0.00	
KHANEWAL	135	1087	24	17.78	172	15.82	0.00	0.00	0.00	0.00	14.07	0.00	0.00	0.00	0.5-1.25	0.00	0.00	18.52	0.00	0.00	0.00	
VEHARI	128	952	27	21.09	315	33.09	0.00	0.00	0.00	0.00	27.34	0.00	0.00	0.00	0.04	0.00	0.00	15.63	0.00	0.00	0.00	
SAHIWAL	118	501	11	9.32	49	9.78	0.00	0.00	0.00	0.00	26.27	0.00	0.00	0.00	0.00	0.00	0.00	15.25	0.00	0.00	0.00	
PAKPATTAN	99	592	5	5.05	33	5.57	0.00	0.00	0.00	0.00	13.13	0.00	0.00	0.00	0.00	0.00	0.00	15.15	0.00	0.00	0.00	
OKARA	85	339	7	8.24	17	5.01	0.00	0.00	0.00	0.00	16.47	0.00	0.00	0.00	0.00	0.00	0.00	21.18	0.00	0.00	0.00	
BAHAWALPUR	197	1476	45	22.84	303	20.53	0.00	0.00	0.00	0.00	17.77	0.00	0.00	0.00	0.00	0.00	0.00	18.78	0.00	0.00	0.00	
BAHAWALNAGAR	206	1440	31	15.05	256	17.78	0.00	0.00	0.00	0.00	41.75	0.00	0.00	0.00	0.00	0.00	0.49	12.14	0.00	0.00	0.00	
JHANG	169	936	73	42.94	482	48.79	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.00	0.03	0.00	0.00	7.69	0.00	0.00	0.00	
R.Y.KHAN	203	1465	82	47.40	477	46.09	0.00	0.00	0.00	0.00	20.81	0.00	0.00	0.00	0.40	0.00	0.00	31.53	0.00	0.00	0.00	
D.G.KHAN	170	988	13	13.00	93	15.22	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.00	0.00	0.00	0.00	47.06	0.00	0.00	0.00	
M.GARH	173	1035	82	47.40	477	46.09	0.00	0.00	0.00	0.00	12.92	0.00	0.00	0.00	0.70	0.96	0.58	27.75	0.00	0.00	0.00	
RAJANPUR	100	611	13	13.00	93	15.22	0.00	0.00	0.00	0.00	13.00	0.00	0.00	0.00	0.1-0.2	0.00	0.00	17.00	0.00	0.00	0.00	
T.T.SING	209	864	14	6.69	89	10.30	0.00	0.00	0.00	0.00	12.92	0.00	0.00	0.00	0.01-0.05	0.96	0.00	6.70	0.00	0.00	0.00	
CHINIOT	100	535	15	15.30	101	19.38	0.00	0.00	0.00	0.00	31.00	0.00	0.00	1.00	0.05-0.1	0.00	0.00	12.00	0.00	0.00	0.00	
FAISALABAD	172	667.5	5	2.90	24	3.50	0.00	0.00	0.00	0.00	18.60	0.00	0.00	0.00	0.13-1.32	3.49	0.00	13.95	0.00	0.00	0.00	
SARGODHA	127	725	9	11.40	45	308.30	0.00	0.00	0.00	0.00	42.52	0.00	0.00	0.00	0.20	0.00	0.00	18.90	0.00	0.00	0.00	
TOTAL COTTON ZONE	2642	16103.5	562	21.27	3629	22.54	0.00	0.00	0.00	0.00	21.80	0.00	0.00	0.04	0.00-1.32	0.49	0.08	20.17	0.00	0.00	0.00	
BARANI ZONE																						
MIANWALI	70	347	0	0.00	0	0.00	0.00	0.00	0.00	0.00	24.29	0.00	0.00	0.00	14.29	0.00	0.00	21.43	0.00	0.00	0.00	
BHAKHAR	118	451	19	16.10	83	18.40	0.00	0.00	0.00	0.00	17.80	0.00	0.00	0.00	5.93	4.24	0.00	20.34	0.00	0.00	0.00	
LAYYAH	153	706	25	16.34	107	15.16	0.00	0.00	0.00	0.00	18.30	0.00	0.00	0.00	0.26	0.00	0.00	22.88	0.00	0.00	0.00	
CHAKWAL	37	89.25	0	0.00	0	0.00	0.00	0.00	0.00	0.00	16.22	0.00	0.00	0.00	10.81	0.00	0.00	43.24	0.00	0.00	0.00	
ATTOCK	14	54.3	3	21.40	8	14.90	0.00	0.00	0.00	0.00	14.29	0.00	0.00	0.00	14.29	0.00	0.00	35.71	0.00	0.00	0.00	
RAWALPINDI	63	104.2	10	0.20	17	0.20	0.00	0.00	0.00	0.00	9.52	0.00	0.00	0.00	0.00	0.00	0.00	26.98	0.00	0.00	0.00	

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	Powdery Mildew	Downy Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	AW	Other							
KHUSHAB	48	111	0	0.00	0	0.00	0.00	0.00	0.00	0.00	45.83	0.00	0.00	0.00	25.00	0.00	0.00	18.75	0.00	0.00	0.00
TOTAL BARANI ZONE	503	1862.75	57	11.33	215	11.54	0.00	0.00	0.00	0.00	20.28	0.00	0.00	0.00	0.00-25.00	0.99	0.00	24.06	0.00	0.00	0.00
G.TOTAL 2020	4027	25514.25	703	14.04	4541	14.44	0.45	0.00	0.00	0.00	19.58	0.00	0.00	0.01	0.00-25.00	0.61	0.06	20.90	0.00	0.00	0.00

OBSERVATIONS

- Total 4027 spots of wheat fields comprising area of 25514.25 acres in 35 districts were surveyed for pests.
- Aphid** infestation AETL has been observed on 0.45% spots in districts Narowal (6.47% spots) and Lahore (2.22% spots).
- Smut** incidence (0.61% spots) has been observed in the Punjab in districts Gujranwala, M.B.Din, Kasur, Multan, T.T.Singh, Faisalabad, M.Garh, T.T.Singh, and Bhakkar
- Brown Rust** incidence (0.06% spots) has been observed in district Nankana Sahib (1.33% spots), Bahawalnagar (0.49% spots) and Muzaffargarh (0.58% spots).
- Yellow Rust** incidence (20.90% spots) has been observed in all the district in Punjab.
- Up till now 14.04% spots have been treated with fungicides covering 14.44% area.

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.
- Fungicide Seed treatments are effective in managing Flag Smut