

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF MARCH, 2021

DISTRICT WISE SUMMARY

District	Total Spots Visited	Total Area Surveyed (Acres)	Fungicide Treatment				Insect Pest							Beneficials/ spike	Disease Incidence				
			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	Other						
			RICE ZONE																
GUJRANWALA	103	1050	58	56.3	630	60.0	0.00	0.00	0.00	0.00	19.42	0.00	0.00	0.00-1.5	0.00	0.00	2.91	0.00	0.00
HAFIZABAD	49	541	17	34.7	200	37.0	0.00	0.00	0.00	0.00	8.16	0.00	0.00	0.01-2.05	4.08	0.00	16.33	0.00	0.00
SHEIKHUPURA	164	1452	69	42.1	648	44.6	0.00	0.00	0.00	0.00	15.85	0.00	0.00	0.01-2.1	1.83	0.00	0.61	0.00	0.00
FEROZEWALA	29	145	8	27.6	82	56.6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00-4	0.00	0.00	31.03	0.00	0.00
SIALKOT	102	1138	42	41.2	442	38.8	1.96	0.00	0.00	0.00	18.63	0.00	0.00	0.01-2.5	0.00	0.00	0.00	0.00	0.00
NAROWAL	134	988	45	33.6	460	46.6	0.75	0.00	0.00	0.00	54.48	0.00	0.00	0.001-4.5	0.00	1.49	0.75	0.00	0.00
GUJRAT	64	495	26	40.6	221	44.6	0.00	0.00	0.00	0.00	17.19	0.00	0.00	0.01-1.25	0.00	3.13	0.00	0.00	0.00
M.B.DIN	75	287	30	40.0	5	1.7	0.00	0.00	0.00	0.00	10.67	0.00	0.00	0-5	1.33	1.33	2.67	0.00	1.33
KASUR	120	630	29	24.2	129	20.5	0.00	0.00	0.00	0.00	25.83	0.00	0.00	0.01-2	0.83	0.00	9.17	0.00	0.00
LAHORE	100	916	22	22.0	257	28.1	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00	0.00	3.00	5.00	0.00	0.00
NANKANA	133	1193	23	17.3	134	11.2	0.00	0.00	0.00	0.00	9.02	0.00	0.00	0.00	0.00	0.00	3.76	0.00	0.00
TOTAL RICE ZONE	1073	8835	369	34.5	3208	35.4	0.25	0.00	0.00	0.00	16.48	0.00	0.00	0.00-5	0.73	0.81	6.57	0.00	0.12
COTTON ZONE																			
MULTAN	119	979	32	26.9	285	29.1	0.00	0.00	0.00	0.00	21.85	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.00
LODHRAN	94	671	35	37.2	282	42.0	0.0	0.0	0.0	0.00	21.28	0.00	0.00	0.01-0.02	0.00	0.00	0.00	0.00	0.00
KHANEWAL	184	1440	37	20.1	256	17.8	0.0	0.0	0.0	0.00	6.52	0.00	0.00	0.05-0.2	2.72	0.00	1.09	0.00	0.00
VEHARI	119	1049	24	20.2	201	19.2	0.0	0.0	0.0	0.00	6.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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			Spots	%	Area	%	Spots Above ETL				Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
							Aphid	ABW	AW	Other	Aphid	ABW	Other						
SAHIWAL	80	364	15	18.8	56	15.4	0.0	0.0	0.0	0.00	21.25	0.00	0.00	0.78	0.00	0.00	11.25	0.00	0.00
PAKPATTAN	88	380	20	22.7	63	16.6	0.0	0.0	0.0	0.00	34.09	0.00	0.00	0.77	0.00	0.00	2.27	0.00	0.00
OKARA	41	199	11	26.8	61	30.7	0.00	0.00	0.00	0.00	46.34	0.00	0.00	0.75	0.00	0.00	14.63	0.00	0.00
BAHAWALPUR	190	1721	0	0.0	0	0.0	0.00	0.00	0.00	0.00	31.58	0.00	10.00	0.05	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	206	1569	0	0.0	0	0.0	0.00	0.00	0.00	0.00	23.30	0.00	5.34	0.05	0.00	0.49	0.00	0.00	0.00
JHANG	128	568	10	7.8	48	8.5	0.00	0.00	0.00	0.00	28.91	0.00	0.00	0.05 to 2	6.25	0.00	3.91	0.00	0.00
R.Y.KHAN	188	1492	0	0.0	0	0.0	0.00	0.00	0.00	0.00	7.45	0.00	12.77	0.09	0.00	0.00	0.00	0.00	0.00
D.G.KHAN	141	826	13	9.2	66	8.0	0.00	0.00	0.00	0.00	15.60	0.00	0.00	0.33	0.00	0.00	0.00	0.00	0.00
M.GARH	190	1225	7	3.7	41	3.3	0.00	0.00	1.05	0.00	54.21	0.00	0.53	0.18	0.00	0.00	1.05	0.00	0.00
RAJANPUR	130	1216	21	16.2	202	16.6	0.00	0.00	0.00	0.00	50.77	0.00	0.00	0.46	0.00	0.00	0.00	0.00	0.00
T.T.SING	155	629	3	1.9	22	3.5	0.00	0.00	0.00	0.00	12.26	0.00	0.00	0.06-0.75	5.81	0.00	12.26	0.00	0.00
CHINIOT	85	466	0	0.0	0	0.0	0.00	0.00	0.00	0.00	34.12	0.00	0.00	0.01-0.2	0.00	0.00	0.00	0.00	0.00
FAISALABAD	200	748.9	0	0.0	0	0.0	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	2.00	1.00	1.00	0.00	0.00
SARGODHA	103	581	19	18.4	131	22.5	4.85	0.00	0.00	0.00	71.84	0.00	0.00	1.10	0.00	0.00	5.83	0.00	0.00
TOTAL COTTON ZONE	2441	16123.9	247	12.8	1714	13	0.27	0.00	0.06	0.00	28.50	0.00	1.59	0.00-2	0.93	0.08	2.96	0.00	0.00
BARANI ZONE																			
MIANWALI	78	388	8	10.3	39	10.1	1.28	0.00	0.00	0.00	37.18	0.00	0.00	0-0.15	3.85	0.00	10.26	0.00	0.00
BHAKHAR	93	353	7	7.5	25	6.9	3.23	0.00	0.00	0.00	83.87	0.00	0.00	0.01-4.5	17.20	0.00	4.30	0.00	0.00
LAYYAH	130	642	67	51.5	330	51.4	0.00	0.00	0.00	0.00	25.38	0.00	0.00	0.21	1.54	0.00	4.62	0.00	0.00

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							Aphid	ABW	AW	Other	Aphid	ABW	Other						
CHAKWAL	55	216.5	4	7.3	16	7.4	0.00	0.00	0.00	0.00	38.18	0.00	0.00	0.00	5.45	0.00	36.36	0.00	0.00
JHELUM	33	192	16	48.5	107	55.7	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.68	0.00	0.00	15.15	0.00	0.00
ATTOCK	15	50.8	2	13.3	10	19.7	0.00	0.00	0.00	0.00	13.33	0.00	0.00	0.00	0.00	0.00	33.33	0.00	0.00
RAWALPINDI	56	311.3	0	0.0	0	0.0	0.00	0.00	0.00	0.00	8.93	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00
KHUSHAB	24	61	2	8.3	5	8.2	0.00	0.00	0.00	0.00	75.00	0.00	0.00	0.002	0.00	8.33	29.17	0.00	0.00
TOTAL BARANI ZONE	484	2214.6	106	18.3	532	19.9	0.56	0.00	0.00	0.00	47.73	0.00	0.00	0.00-4.5	3.51	1.04	16.87	0.00	0.00
G.TOTAL 2021	3998	27173.5	722	21.87	5454	22.77	0.36	0.00	0.02	0.00	30.90	0.00	0.53	0.00-5	1.72	0.64	8.80	0.00	0.04

OBSERVATIONS

1. Total 3998 spots of wheat fields comprising area of 27173.5 acres in 36 districts were surveyed for pests.
2. Up till now 22.77% area has been treated with fungicides.
3. Over all in Punjab the attack of **Wheat Aphid** has been observed above ETL (0.36% spots) in Bhakkar (3.23% spots), Mianwali (1.28% spots), Sargodha (4.85% spots), Narowal (0.75% spots) and Sialkot (1.96% spots).
4. The attack of **Wheat Aphid** has been observed below ETL (30.90% spots) in different districts of Punjab.
5. **Smut** incidence (1.72% spots) has been observed in the Punjab in districts Chakwal, Layyah, Bhakkar, Mianwali, Faisalabad, T.T.singh, Jhang, Khanewal, Kasur, M.B.Din, Sheikhupura and Hafizabad.
6. **Brown Rust** incidence (0.64% spots) has been observed in the Punjab in districts Gujrat, Bahawalnagar, Lahore, M.B.Din, Faisalabad, Khushab and Narowal.
7. **Yellow Rust** incidence (8.80% spots) has been observed in all over Punjab.

RECOMMENDATIONS

1. Farmers are being advised to spray appropriate weedicides on their crops as last resort.
2. Balanced use of fertilizers and biological agents may hamper the Aphid population.
3. Spray suitable fungicide in case of severe infection of Rust.
4. Fungicide Seed treatments are effective in managing Flag Smut