

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 4TH WEEK OF MARCH, 2022																			
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	77	776	37	48.05	384	49.48	0.00	0.00	0.00	0.00	31.17	0.00	0.00	0.001 - 0.01	0.00	0.00	18.18	0.00	0.00
HAFIZABAD	69	786	34	49.28	381.5	48.54	0.00	0.00	0.00	0.00	43.48	0.00	0.00	0.01-0.05	8.70	0.00	10.14	0.00	0.00
SHEIKHUPURA	189	1552	75	39.68	567	36.53	0.00	0.00	0.00	0.00	16.93	0.00	0.00	0.01-1	5.82	7.41	3.70	0.00	0.00
SIALKOT	109	923.5	52	47.71	524.5	56.79	0.00	0.00	0.00	0.00	17.43	0.00	0.00	0.02-0.07	0.92	0.00	34.86	0.00	0.00
NAROWAL	105	899	60	57.14	618	68.74	0.00	0.00	0.00	0.00	47.62	0.00	0.00	0.01-0.06	0.00	0.00	21.90	0.00	0.00
GUJRAT	49	322.5	33	67.35	238	73.80	0.00	0.00	0.00	0.00	32.65	0.00	0.00	0.003-0.027	0.00	0.00	16.33	0.00	0.00
M.B.DIN	60	303	16	26.67	93	30.69	0.00	0.00	0.00	0.00	18.33	0.00	0.00	0.01-0.09	3.33	6.67	3.33	0.00	0.00
KASUR	104	495	30	28.85	150	30.30	0.00	0.00	0.00	0.00	9.62	0.00	0.00	0.006-0.01	2.88	0.96	9.62	0.00	0.00
LAHORE	76	782	47	61.84	517	66.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.53	13.16	0.00	0.00
NANKANA	71	508.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	9.86	0.00	0.00	0.5-1	7.04	0.00	0.00	0.00	0.00
TOTAL RICE ZONE	909	7347.5	384	42.24	3473	47.27	0.00	0.00	0.00	0.00	21.89	0.00	0.00	0-1	3.08	2.97	13.09	0.00	0.00
COTTON ZONE																			
MULTAN	142	1341	20	14.08	209	15.59	0.00	0.00	3.52	0.00	13.38	0.00	2.11	0.1-2.8	3.52	2.82	0.70	0.00	0.00
LODHRAN	176	1009	6	3.41	26	2.58	0.00	0.00	0.00	0.00	22.73	2.84	0.00	0.1-0.5	0.00	0.00	0.00	0.00	0.00
KHANEWAL	202	1713	23	11.39	259	15.12	0.00	0.00	0.00	0.00	18.81	0.00	0.00	0.1-1.0	0.00	0.50	0.00	0.00	0.00
VEHARI	120	973	0	0.00	0	0.00	0.00	0.00	0.00	0.00	20.00	0.00	0.00	0.01-0.02	0.00	5.00	0.00	0.00	0.00
SAHIWAL	82	342	10	12.20	28	8.19	0.00	0.00	0.00	0.00	41.46	0.00	0.00	1.10	19.51	17.07	25.61	0.00	0.00
PAKPATTAN	68	334	15	22.06	74	22.16	0.00	0.00	0.00	0.00	27.94	0.00	0.00	0.70	7.35	7.35	2.94	0.00	0.00
OKARA	80	262	11	13.75	30	11.45	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.60	2.50	0.00	18.75	0.00	0.00
BAHAWALPUR	217	1628	0	0.00	0	0.00	0.00	0.00	6.91	0.00	0.00	3.69	0.00	0.52	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	202	1605	0	0.00	0	0.00	0.00	0.00	0.00	0.00	67.33	0.00	0.00	0.42	1.98	2.48	0.00	0.00	0.00
JHANG	157	832	6	3.82	22	2.64	0.00	0.00	0.00	0.00	17.20	0.00	0.00	1-2	8.28	2.55	1.27	0.00	0.00
R.Y.KHAN	196	1447	0	0.00	0	0.00	0.00	0.00	4.08	0.00	29.59	0.00	0.00	0.54	2.55	7.65	0.00	0.00	0.00
D.G.KHAN	210	1066	0	0.00	0	0.00	0.48	0.00	0.00	0.00	11.90	0.00	0.00	0.30	0.00	0.00	0.48	0.00	0.00
M.GARH	201	1130	0	0.00	0	0.00	3.48	0.00	0.00	0.00	57.71	0.00	0.00	0.20	4.98	0.00	13.43	0.00	0.00
RAJANPUR	150	798	0	0.00	0	0.00	0.00	0.00	0.00	0.00	12.67	0.00	0.00	0.21	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						
T.T.SING	130	492.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	19.23	0.00	0.00	0.01-0.05	10.00	7.69	0.77	0.00	0.00
CHINIOT	90	602	0	0.00	0	0.00	0.00	0.00	0.00	0.00	16.67	0.00	0.00	0.02	11.11	12.22	0.00	0.00	0.00
FAISALABAD	188	856.7	7	3.72	23	2.63	0.00	0.00	0.00	0.00	22.87	0.00	0.00	0.05-3	5.85	4.26	1.06	0.00	0.00
SARGODHA	134	701.8	0	0.00	0	0.00	0.00	0.00	0.00	0.00	34.33	0.00	0.00	0.05-0.1	1.49	5.22	11.94	0.00	0.00
TOTAL COTTON ZONE	2745	17133	98	3.57	671	24.43	0.29	0.00	1.02	0.00	26.08	0.47	0.11	0-3	3.50	3.28	3.21	0.00	0.00
BARANI ZONE																			
MIANWALI	42	202	0	0.00	0	0.00	0.00	0.00	0.00	0.00	61.90	0.00	0.00	0.1-0.9	35.71	0.00	0.00	0.00	0.00
BHAKHAR	92	359	4	4.35	14	3.90	0.00	0.00	0.00	0.00	48.91	0.00	0.00	0.01-0.2	13.04	0.00	1.09	0.00	0.00
LAYYAH	303	1623	0	0.00	0	0.00	0.00	0.00	0.00	0.00	58.42	0.00	0.00	0.44	9.90	0.00	2.31	0.00	6.27
CHAKWAL	56	141	0	0.00	0	0.00	0.00	0.00	0.00	10.71	0.00	0.00	0.00	0.002-0.008	0.00	0.00	17.86	0.00	0.00
JHELUM	36	152.5	4	11.11	12	7.54	0.00	0.00	0.00	0.00	47.22	0.00	0.00	0.25-1.25	0.00	0.00	11.11	0.00	0.00
ATTOCK	40	391	9	22.50	61	15.60	0.00	0.00	0.00	0.00	15.00	0.00	0.00	0.1-0.4	0.00	0.00	20.00	0.00	0.00
RAWALPINDI	61	118.5	0	0.00	0	0.00	0.00	0.00	0.00	0.00	21.31	0.00	0.00	0.2- 1.4	0.00	0.00	11.48	0.00	0.00
KHUSHAB	11	67	0	0.00	0	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.02-0.1	0.00	0.00	9.09	0.00	0.00
TOTAL BARANI ZONE	641	3054	17	2.65	87	2.83	0.00	0.00	0.00	0.94	46.02	0.00	0.00	0-1.4	8.89	0.00	5.93	0.00	2.96
G.TOTAL 2022	4295	27534.5	499	11.62	4230	15.36	0.19	0.00	0.65	0.14	28.17	0.30	0.07	0-3	4.21	2.72	5.70	0.00	0.44

OBSERVATIONS

- Total 4295 spots of wheat fields comprising area of 27534.5 acres in 36 districts were surveyed for pests.
- The attack of **Wheat Aphid** has been observed above ETL (0.19% spots) in D.G.Khan (0.48% spots) and M.Garh (3.48% spots) as well as below ETL (28.17% spots) in all Districts except Chakwal, Bahawalpur and Lahore. .
- American Bollworm** infestation 0.30% spots has been observed Below ETL in districts Bahawalpur (3.69% spots) and Lodhran (2.84% spots)..
- Smut** incidence 4.21% spots has been observed in district Hafizabad (8.70% spots), S.Pura (5.82% spots), Sialkot (0.92% spots), M.B.Din (3.33% spots), Kasur (2.88% spots), Nankana (7.04% spots), Multan (3.52% spots), Sahiwal (19.51% spots), Pakpattan (7.35% spots), Okara (2.50% spots), Bahawalnagar (1.95% spots), Jhang (8.28% spots), R.Y.Khan (2.55% spots), M.Garh (4.98% spots), T.T.Singh (10.00% spots), Chiniot (11.11% spots), Faisalabad (5.85 % spots), Sargodha (1.49% spots), Mianwali (35.71% spots), Layyah (9.90% spots) and Bhakkar (13.04% spots) .
- Brown Rust** incidence 2.72% spots has been observed in districts Sheikhpura (7.41% spots), M.B.Din (6.67% spots), Kasur (0.96% spots), Lahore (10.53% spots), Multan (2.82% spots), Khanewal (0.50% spots), Vehari (5.00% spots), Sahiwal (17.07% spots), Pakpattan (7.35% spots), Bahawalnagar (2.45% spots), Jhang (2.55% spots), R.Y.khan (7.65% spots), T.T.Singh (7.69% spots), Chiniot (12.22% spots), Faisalabad (4.25% spots) and Sargodha (5.22% spots).
- Yellow Rust** incidence 5.70% spots has been observed in all districts except Mianwali, Chiniot, Rajanpur, R.Y.Khan, Bahawalnagar, Bahawalpur, Vehari, Khanewal, Lodhran and Nankana.
- Up till now 15.36% area has been treated with fungicides.

RECOMMENDATIONS

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