

PEST SCOUTING REPORT OF WHEAT CROP FOR THE 1ST 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	108	1040	25	23.1	349	33.6	2.78	0.00	0.00	0.00	29.63	0.00	0.00	13.00	0.00	0.00	5.56	0.00	0.00
HAFIZABAD	77	679	22	28.6	205	30.2	1.30	0.00	0.00	0.00	18.18	0.00	0.00	5.00	0.00	0.00	6.49	0.00	0.00
SHEIKHUPURA	176	1509	57	32.4	502	33.3	0.00	0.00	0.00	0.00	15.34	0.00	0.00	25.00	0.00	0.00	2.84	0.00	0.00
FEROZEWALA	43	288	4	9.3	49	17.0	0.00	0.00	0.00	0.00	16.28	0.00	0.00	6.50	2.33	0.00	13.95	0.00	0.00
SIALKOT	109	903	23	21.1	185	20.5	1.83	0.00	0.00	0.00	18.35	0.00	0.00	10.00	0.00	0.00	6.42	0.00	0.00
NAROWAL	127	1158	33	26.0	375	32.4	2.36	0.00	0.00	0.00	58.27	0.00	0.00	45.00	0.00	0.00	1.57	0.00	0.79
GUJRAT	66	688	11	16.7	131	19.0	3.03	0.00	0.00	0.00	24.24	0.00	0.00	12.00	0.00	0.00	12.12	0.00	0.00
M.B.DIN	72	352	11	15.3	54	15.3	1.39	0.00	0.00	0.00	19.44	0.00	0.00	16.00	0.00	0.00	13.89	0.00	0.00
KASUR	128	505	13	10.2	27	5.3	0.00	0.00	0.00	0.00	17.19	0.00	0.00	11.00	3.13	0.00	3.91	0.00	0.00
LAHORE	83	1012	7	8.4	134	13.2	3.61	0.00	0.00	0.00	18.07	0.00	0.00	0.00	1.20	0.00	6.02	0.00	0.00
NANKANA	171	1428.5	2	1.2	11	0.8	0.00	0.00	0.00	0.00	12.28	0.00	0.00	0.00	1.17	0.00	7.60	0.00	0.00
TOTAL RICE ZONE	1160	9562.5	208	17.5	2022	20.1	1.29	0.00	0.00	0.00	22.59	0.00	0.00	0-45	0.69	0.00	6.21	0.00	0.09
COTTON ZONE																			
MULTAN	137	1354	39	28.5	371	27.4	0.00	0.00	0.00	0.00	46.72	0.00	0.00	0.20	2.19	0.00	2.92	0.00	0.00
LODHRAN	120	917	36	30.0	265	28.9	0.0	0.0	0.0	0.00	26.67	0.00	0.00	0.01	6.67	0.00	0.83	0.00	0.00
KHANEWAL	138	1088	30	21.7	172	15.8	0.0	0.0	0.0	0.00	15.94	0.00	0.00	0.01-0.5	7.97	0.00	1.45	0.00	0.00
VEHARI	141	1355	22	15.6	164	12.1	0.7	0.0	0.0	0.00	34.04	0.00	0.00	0.05	4.96	0.00	2.13	0.00	0.00

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							Aphid	ABW	AW	Other	Aphid	ABW	Other						
SAHIWAL	100	409	4	4.0	12	2.9	0.0	0.0	0.0	0.00	10.00	0.00	0.00	0.20	0.00	0.00	8.00	0.00	0.00
PAKPATTAN	87	433	32	36.8	187	43.2	0.0	0.0	0.0	0.00	26.44	0.00	0.00	0.40	2.30	0.00	4.60	0.00	0.00
OKARA	110	626	4	3.6	35	5.6	0.00	0.00	0.00	0.00	20.91	0.00	0.00	1.20	5.45	0.00	9.09	0.00	0.00
BAHAWALPUR	216	1832	0	0.0	0	0.0	0.00	0.00	0.00	0.00	34.26	0.00	0.00	0.13	1.85	0.00	0.93	0.00	0.00
BAHAWALNAGAR	207	1667	1	0.5	5	0.3	0.00	0.00	0.00	0.00	38.65	0.00	0.00	0.12	1.45	0.00	2.90	0.00	0.00
JHANG	138	637	8	5.8	33	5.2	0.00	0.00	0.00	0.00	22.46	0.00	0.00	0.05 to 1.5	4.35	0.00	0.72	0.00	0.00
R.Y.KHAN	185	1467	0	0.0	0	0.0	0.00	0.00	0.00	0.00	35.14	0.00	0.00	0.10	5.41	0.00	0.00	0.00	0.00
D.G.KHAN	152	817	13	8.6	76	9.3	0.00	0.00	0.00	0.00	12.50	0.00	0.00	0.70	0.00	0.00	0.66	0.00	0.00
M.GARH	198	1117	32	16.2	177	15.8	0.51	0.00	0.00	0.00	45.45	0.00	0.51	0.02	0.51	0.00	2.02	0.00	0.00
RAJANPUR	130	1127	6	4.6	49	4.3	0.00	0.00	0.00	0.00	39.23	0.00	0.00	0.38	0.77	0.00	1.54	0.00	0.00
T.T.SING	166	685	9	5.4	48	7.0	0.00	0.00	0.00	0.00	15.06	0.00	0.00	0.01-0.8	1.81	0.00	4.22	0.00	0.00
CHINIOT	105	527	0	0.0	0	0.0	0.00	0.00	0.00	0.00	36.19	0.00	0.00	0.01-0.1	3.81	0.00	1.90	0.00	0.00
FAISALABAD	185	646.9	0	0.0	0	0.0	0.00	0.00	0.00	0.00	23.24	0.00	0.00	0.00-1.5	0.54	0.00	3.24	0.00	0.00
SARGODHA	80	454	5	6.3	25	5.5	0.00	0.00	0.00	0.00	66.25	0.00	0.00	0.00	0.00	0.00	15.00	0.00	0.00
TOTAL COTTON ZONE	2595	17158.9	241	10.4	1619	10.2	0.08	0.00	0.00	0.00	30.48	0.00	0.04	0-1.5	2.70	0.00	2.89	0.00	0.00
BARANI ZONE																			
MIANWALI	79	394	5	6.3	28	7.1	0.00	0.00	0.00	0.00	25.32	0.00	0.00	14.00	0.00	0.00	6.33	0.00	0.00
BHAKHAR	146	581	16	11.0	88	15.1	4.11	0.00	0.00	0.00	83.56	0.00	0.00	108.00	6.16	0.00	7.53	0.00	0.00
LAYYAH	137	688	85	62.0	435	63.2	0.00	0.00	0.00	0.00	27.01	0.00	0.00	0.10	3.65	0.00	7.30	0.00	0.00

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							Aphid	ABW	AW	Other	Aphid	ABW	Other						
CHAKWAL	65	263	1	1.5	7	2.7	0.00	0.00	0.00	0.00	13.85	0.00	0.00	0.02	0.00	0.00	18.46	0.00	0.00
JHELUM	41	178	0	0.0	0	0.0	0.00	0.00	0.00	0.00	53.66	0.00	0.00	0.31	2.44	0.00	2.44	0.00	0.00
ATTOCK	12	29.9	0	0.0	0	0.0	0.00	0.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAWALPINDI	101	245.2	0	0.0	0	0.0	0.00	0.00	0.00	0.00	14.85	0.00	0.00	9.00	0.00	0.00	4.95	0.00	0.00
KHUSHAB	26	56	5	19.2	10	17.9	11.54	0.00	0.00	0.00	80.77	0.00	0.00	22.00	0.00	3.85	11.54	0.00	0.00
TOTAL BARANI ZONE	607	2435.1	112	12.5	568	13.2	1.48	0.00	0.00	0.00	41.19	0.00	0.00	0-108	2.47	0.16	7.74	0.00	0.00
G.TOTAL 2021	4362	29156.5	561	13.5	4209	14.5	0.95	0.00	0.00	0.00	31.42	0.00	0.01	0-108	1.95	0.05	5.61	0.00	0.00

OBSERVATIONS

1. Total 4362 spots of wheat fields comprising area of 29156.5 acres in 36 districts were surveyed for pests.
2. Up till now 14.5% area has been treated with fungicides.
3. Over all in Punjab the attack of **Wheat Aphid** has been observed above ETL (0.95% spots) in Khushab (11.54% spots), Bhakkar (4.11% spots), M.Garh (0.51% spots), Vehari (0.7% spots), Lahore (3.61% spots), M.B.Din (1.39% spots), Gujrat (3.03% spots), Mianwali (2.36% spots), Sialkot (1.83% spots), Hafizabad (1.30% spots) and Gujranwala (2.78% spots).
4. The attack of **Wheat Aphid** has been observed below ETL (31.42% spots) in different districts of Punjab.
5. **Smut** incidence (1.95% spots) has been observed in the Punjab in districts Jehlum, Layyah, Bhakkar, Faisalabad, Nankana, Chiniot, M.Garh, R.Y.Khan, Lodhran, Bahawalpur, Bahawalnagar, Okara, T.T.singh, Rajanpur, Jhang, Pakpattan, Multan, Vehari, Khanewal, Lahore, Kasur and Ferozewala.
6. **Brown Rust** incidence (0.05% spots) has been observed in the Punjab in district Khushab.
7. **Yellow Rust** incidence (5.61% 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