PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND WEEK OF JANUARY, 2024

DISTRICT WISE SUMMARY

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicide Treatment				Insect Pest							Beneficials/ spike	% Disease Incidence				
			Narrow Leaf				Broad Leaf		Spots	%	Area	%	% Spots Above ETL				% Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
			Total/Major Narrow Leaf		Minor/ Others Narrow leaf		Total Broad leaf																		
			AETL	BETL	AETL	BETL	AETL	BETL					Aphid	ABW	AW	Other	Aphid	ABW	Other						
RICE ZONE																									
GUJRANWALA	121	1112.5	4.13	14.05	3.31	14.88	5.79	32.23	60	49.59	617	55.46	0.00	0.00	0.00	0.00	4.13	0.00	0.00	0.001	0.00	0.00	0.00	0.00	0.00
HAFIZABAD	84	884	20.24	30.95	0.00	0.00	21.43	29.76	41	48.81	467	52.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHEIKHUPURA	248	2107	4.84	4.03	0.00	2.02	4.44	52.02	109	43.95	1071	50.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIALKOT	202	2321.5	14.36	14.85	0.50	0.00	11.39	24.75	60	29.70	755	32.52	0.00	0.00	0.00	0.00	5.94	0.00	0.00	0.002	0.00	0.00	0.00	0.00	0.00
NAROWAL	122	942	38.52	25.41	1.64	1.64	7.38	53.28	26	21.31	102	10.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GUJRAT	72	705.5	2.78	45.83	0.00	0.00	4.17	76.39	16	22.22	152.5	21.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M.B.DIN	73	404	8.22	9.59	0.00	4.11	15.07	31.51	29	39.73	170	42.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	0.00	0.00	0.00	0.00	0.00
KASUR	169	724	4.14	3.55	0.00	0.00	11.83	34.91	45	26.63	186	25.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAHORE	60	628	16.67	0.00	0.00	0.00	10.00	10.00	35	58.33	378	60.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NANKANA	147	790.5	9.52	22.45	0.00	0.68	10.20	48.98	31	21.09	263	33.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL RICE ZONE	1298	10619	11.48	14.87	0.54	2.23	9.48	40.29	452	34.82	4162	39.19	0.00	0.00	0.00	0.00	1.31	0.00	0.00	0-3	0.00	0.00	0.00	0.00	0.00
COTTON ZONE																									
MULTAN	137	1118	21.90	67.15	0.00	10.95	21.17	78.83	66	48.18	485	43.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LODHRAN	99	655	6.06	89.90	0.00	0.00	9.09	90.91	54	54.55	385	58.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KHANEWAL	142	1032	9.15	45.07	0.00	4.23	8.45	80.28	56	39.44	447	43.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VEHARI	120	881	15.00	85.00	5.00	19.17	15.00	85.00	70	58.33	478	54.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SAHIWAL	59	260	6.78	50.85	0.00	0.00	13.56	81.36	9	15.25	46	17.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PAKPATTAN	95	396	6.32	48.42	0.00	0.00	14.74	54.74	15	15.79	87	21.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OKARA	89	341	6.74	26.97	0.00	0.00	15.73	64.04	29	32.58	106	31.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAHAWALPUR	195	1995	17.44	60.00	0.00	0.00	13.33	86.67	160	82.05	1597	80.05	0.00	0.00	0.00	0.00	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAHAWALNAGAR	213	1473	14.55	66.67	0.00	0.00	13.62	84.04	121	56.81	896	60.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JHANG	131	825	5.34	48.85	0.00	0.00	7.63	77.10	55	41.98	365	44.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R.Y.KHAN	200	1401	28.50	33.00	0.00	0.00	13.00	69.50	132	66.00	896	63.95	0.00	0.00	0.00	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D.G.KHAN	133	679	5.26	46.62	0.00	0.00	6.77	91.73	46	34.59	228	33.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M.GARH	191	1310	19.90	54.45	0.00	0.00	8.38	91.10	84	43.98	555	42.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAJANPUR	168	920	5.95	26.19	0.00	0.00	7.74	92.26	144	85.71	795	86.41	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.09	0.00	0.60	0.60	0.00	0.00
T.T.SING	169	589.5	3.55	14.79	0.00	0.00	11.83	27.22	101	59.76	334	56.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01-0.02	0.00	0.00	0.00	0.00	0.00
CHINIOT	184	1173	1.63	7.61	0.00	0.00	22.28	31.52	85	46.20	598	50.98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FAISALABAD	266	1063.9	2.26	27.44	0.00	0.00	3.38	36.84	79	29.70	327	30.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SARGODHA	129	923	7.75	41.09	3.10	6.20	19.38	48.84	49	37.98	517	55.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL COTTON ZONE	2720	17035.4	10.74	44.52	0.37	1.91	12.06	68.93	1355	49.82	9141	53.66	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0-0.09	0.00	0.04	0.04	0.00	0.00
BARANI ZONE																									
MIANWALI	68	278	20.59	64.71	0.00	0.00	23.53	61.76	10	14.71	40	14.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BHAKHAR	155	508	12.26	43.23	0.00	0.00	32.26	67.74	60	38.71	179	35.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAYYAH	128	495	22.66	69.53	0.00	3.13	12.50	84.38	107	83.59	419	84.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicide Treatment				Insect Pest							Beneficials/ spike	% Disease Incidence				
			Narrow Leaf				Broad Leaf		Spots	%	Area	%	% Spots Above ETL				% Spots Below ETL				Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others
			Total/Major Narrow Leaf		Minor/ Others Narrow leaf		Total Broad leaf																		
			AETL	BETL	AETL	BETL	AETL	BETL					Aphid	ABW	AW	Other	Aphid	ABW	Other						
CHAKWAL	30	83	0.00	26.67	0.00	23.33	3.33	46.67	12	40.00	32	38.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JHELUM	30	106.6	0.00	3.33	0.00	0.00	0.00	70.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATTOCK	13	38.1	0.00	23.08	0.00	0.00	7.69	53.85	1	7.69	1	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
RAWALPINDI	63	113.2	0.00	68.25	0.00	0.00	11.11	87.30	0	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KHUSHAB	39	296	0.00	30.77	0.00	25.64	7.69	92.31	4	10.26	16	5.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL BARANI ZONE	**526**	**1917.9**	**11.79**	**50.76**	**0.00**	**3.99**	**17.87**	**73.76**	**194**	**36.88**	**687**	**35.80**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
G.TOTAL 2024	4544	29572.3	11.07	36.77	0.37	2.24	11.99	61.31	2001	44.04	13989	47.30	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0-3	0.00	0.02	0.02	0.00	0.00

OBSERVATIONS

1. Total 4544 spots of wheat fields comprising area of 29572.3 acres in 36 districts were surveyed for pests.
2. On Overall Punjab basis total 23.44% above ETL Spots of weeds were reported.
3. The Major Narrow Leaves 11.07% AETL and the Minor Narrow Leaves 0.37% AETL were reported.
4. In case of Broad Leaf Weeds 11.99% AETL spots were reported.
5. The attack of Wheat Aphid has been observed below ETL 0.51% in Gujranwala (4.13% spots), Sialkot (5.94% spots), B.Pur (1.03% spots), R.Y.Khan (1.50% spots) and Rajanpur (0.60% spots) districts.
6. Brown Rust incidence 0.02% spots has been observed in districts Rajanpur (0.60% spots)
7. Yellow Rust incidence 0.02% spots has been observed in district Rajanpur (0.60% spots)
8. Up till now 47.30% area has been treated with weedicides.

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.