

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Weedicide Treatment				Fungicide Treatment				Insect Pest						Beneficiaries/ spike	% Disease Incidence					
			Narrow Leaf			Broad Leaf			Spots	%	Area	%	Spots	%	Area	%	% Spots Above ETL				% Spots Below ETL			Smut	Brown Rust	Yellow Rust	Powdery Mildew	Others	
			Total/Major Leaf	Narrow Leaf	Minor/ Others Narrow leaf	Total Broad leaf		Aphid									ABW	AW	Other	Aphid	ABW	Other							
			AETL	BETL	AETL	BETL	AETL	BETL																					
CHAKWAL	59	156	16.95	37.29	0.00	23.73	6.78	61.02	23	38.98	68	43.78	0	0.00	0	0.00	0.00	0.00	0.00	0.00	8.47	0.00	0.00	0.0001-0.0004	1.69	0.00	11.86	0.00	0.00
JHELUM	26	65.5	0.00	0.00	0.00	0.00	0.00	0.00	16	61.54	40	60.31	2	7.69	2	3.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.38	0.00	0.00
ATTOCK	80	776.5	0.00	3.75	0.00	0.00	3.75	77.50	25	31.25	163	20.99	0	0.00	0	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00
RAWALPINDI	68	195.1	20.59	54.41	0.00	0.00	14.71	70.59	38	55.88	123	63.25	0	0.00	0	0.00	0.00	0.00	0.00	0.00	47.06	0.00	0.00	0.2-0.8	0.00	0.00	19.12	0.00	0.00
KHUSHAB	74	342	0.00	18.92	0.00	0.00	8.11	91.89	52	70.27	13	3.80	7	9.46	46	13.45	0.00	0.00	0.00	0.00	17.57	0.00	0.00	0.01-0.02	0.00	0.00	5.41	0.00	0.00
TOTAL BARANI ZONE	662	3274.1	9.06	29.91	0.00	2.11	4.98	70.39	459	69.34	1937	59.17	24	3.63	89	2.72	0.00	0.00	0.00	0.00	9.21	0.00	0.00	0-3.94	1.81	0.00	6.19	0.00	2.27
G.TOTAL 2023	4292	27930.1	4.17	26.54	0.05	3.82	3.01	50.65	3200	74.56	20586	73.70	151	3.52	1212	4.34	0.96	0.00	0.00	0.00	13.56	0.00	0.00	0-20	0.86	0.33	5.36	0.00	0.75

OBSERVATIONS

- Total 4292 spots of wheat fields comprising area of 27930.1 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 7.22% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 4.17% AETL and the Minor Narrow Leaves 0.05% AETL were reported.
- In case of Broad Leaf Weeds 3.01% AETL spots were reported.
5. The attack of **Wheat Aphid** has been observed above ETL (0.96% spots) in Narowal (0.71% spots), Bahawalpur (0.96% spots) and Sargodha (31.67% spots) as well as the attack of **Wheat Aphid** been observed below ETL (13.56% spots) in all the district except Jhang, T.T.singh, Faisalabad, Sargodha, Bhakkar and jhelum.
- Smut** incidence 0.86% spots has been observed in districts Hafizabad (1.02% spots), Kasur (0.76% spots), Lahore (1.43% spots), Multan (1.84% spots), Lodhran (0.75% spots), Khanewal (2.61% spots), Sahiwal (2.50% spots), Okara (6.52% spots), Bahawalpur (0.48% spots), Jhang (2.08% spots), Rajanpur (0.87% spots), T.T.Singh (0.70% spots), Faisalabad (0.44% spots), Bhakkar (0.65% spots), Layyah (8.06% spots) and Chakwal (1.69% spots).
- Brown Rust** incidence 0.33% spots has been observed in districts Multan (1.23% spots), Lodhran (1.50% spots), Pakpattan (1.18% spots), Bahawalpur (0.96% spots) and R.Y.Khan (2.90% spots).
- Yellow Rust** incidence 5.36% spots has been observed in district Gujranwala (16.67% spots), Hafizabad (6.12% spots), Sheikhpura (5.39% spots), Sialkot (22.52% spots), Narowal (5.67% spots), Gujrat (12.50% spots), M.B.Din (11.11% spots), Kasur (2.27% spots), Bhakkar (1.29% spots), Khanewal (5.23% spots), Sahiwal (8.75% spots), Pakpattan (2.35% spots), Okara (0.88% spots), Bahawalpur (3.35% spots), Khushab (5.41% spots),Chiniot (9.20% spots), Sargodha (18.33% spots), Mianwali (6.58% spots), Chakwal (11.86% spots), Nankana (1.33% spots), Multan (1.23% spots), Lodhran (3.76% spots), Vehari (0.89% spots), Bahawalnagar (3.57% spots), Rawalpindi (19.12% spots), Jhelum (15.38% spots), Jhang (2.08% spots), Attock (2.50% spots), D.G.Khan (2.13% spots), M.Garh (3.24% spots), T.T.Singh (3.52% spots), Faisalabad (2.63% spots), Lahore (8.57% spots) and Layyah (3.23% spots),
- Other** disease incidence 0.75% spots has been observed in district D.G.Khan (12.06% spots) and Layyah (12.10% spots).
- Up till now 73.70% area has been treated with weedicides.

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.