

District	Total Spots Visited	Total Area Surveyed (Acres)	% No. of Spots for Weed Infestation						Fungicide 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		Aphid					ABW	AW	Other	Aphid	ABW	Other							
			AETL	BETL	AETL	BETL	AETL																		BETL
CHAKWAL	27	105.875	18.52	62.96	0.00	33.33	14.81	66.67	0	0.00	0	0.00	3.70	0.00	0.00	0.00	55.56	0.00	0.00	0-0.04	0.00	0.00	22.22	0.00	0.00
JHELUM	31	166.5	0.00	16.13	0.00	0.00	0.00	64.52	4	12.90	27	16.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	16.13	0.00	0.00
ATTOCK	39	183.6	0.00	12.82	0.00	0.00	2.56	84.62	0	0.00	0	0.00	0.00	0.00	0.00	0.00	25.64	0.00	0.00	0-0.07	0.00	0.00	35.90	0.00	0.00
RAWALPINDI	117	273	5.98	68.38	0.00	0.00	7.69	88.89	0	0.00	0	0.00	0.00	0.00	0.00	0.00	41.88	0.00	0.00	0-0.03	0.00	0.00	6.84	0.00	0.00
KHUSHAB	43	188	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	65.12	0.00	0.00	0.00	0.00	0.00	6.98	0.00	0.00
TOTAL BARANI ZONE	589	2353.975	10.19	38.54	0.00	1.53	6.11	59.59	6	1.02	38	1.61	0.34	0.00	0.00	0.00	51.44	0.00	0.00	0-0.29	1.19	0.51	7.30	0.00	0.00
G.TOTAL 2024	4459	28219.055	1.48	5.61	0.00	0.22	0.92	10.79	365	8.19	3032	10.74	0.54	0.00	0.00	0.00	36.11	0.00	0.00	0-1.00	0.96	0.31	4.08	0.00	0.00

OBSERVATIONS

- Total 4459 spots of wheat fields comprising area of 28219.05 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 2.40% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 1.48% AETL and the Minor Narrow Leaves 0.00% AETL were reported.
- In case of Broad Leaf Weeds 0.92% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed Above ETL 0.54% in Lahore (10.53% spots), Lodhran (2.14% spots), Sahiwal (0.83% spots), B.Pur (0.57% spots), R.Y.Khan (3.54% spots), D.G.khan (2.11% spots), Sargodha (0.86% spots), Mianwali (2.33% spots) and Chakwal (3.70% spots) as well as below ETL 36.11% in all districts except Jehlum
- The attack of **Armyworm** has been observed Above ETL 0.02% in B.Pur (0.50% spots).
- Smut** incidence 0.96% spots has been observed in district Hafizabad (3.19% spots), S.pura (2.02% spots), Kasur (1.14% spots), Lahore (3.51% spots), Sahiwal (5.31% spots), Pakpattan (4.30% spots), Okara (2.25% spots), B.Pur (0.57% spots), Jhang (0.59% spots), M.Garh (1.78% spots), T.T.Singh (1.14% spots), Faisalabad (2.11% spots) Mianwali (4.65% spots) and Layyah (3.73% spots).
- Brown Rust** incidence 0.31% spots has been observed in district S.Pura (1.52% spots), Khanewal (1.32% spots), P.akpattan (1.08% spots), D.G.khan (1.41% spots), M.Garh (0.59% spots), T.T.Singh (0.57% spots), Sargodha (0.86% spots) Layyah (0.75% spots) and Mianwali (4.65% spots).
- Yellow Rust** incidence 4.08% spots has been observed in district in all district except Jhang, R.Y.khan and Mianwali.
- Up till now 10.74% 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.