

District	Total Spots Visited	Total Area Surveyed (Acres)	No. of Spots for Weed Infestation						Weedicide Treatment				Fungicide Treatment				Insect Pest						Beneficials/ 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 Narrow Leaf		Minor/ Others Narrow leaf	Total Broad leaf		Aphid									ABW	AW	Other	Aphid	ABW	Other													
			AETL	BETL	AETL	BETL	AETL	BETL									Aphid	ABW	AW	Other	Aphid	ABW							Other						
CHAKWAL	71	261.625	19.72	26.76	0.00	5.63	14.08	47.89	33	46.48	143	54.52	0	0.00	0	0.00	0.00	0.00	0.00	0.00	19.72	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
JHELUM	39	396	0.00	0.00	0.00	0.00	0.00	0.00	39	100.00	396	100.00	0	0.00	0	0.00	0.00	0.00	0.00	0.00	7.69	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	0.00
ATTOCK	83	310.9	1.20	24.10	0.00	0.00	9.64	57.83	22	26.51	96	30.88	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	0.00	0.00	0.00	0.00	0.00	0.00
RAWALPINDI	222	551.8	7.66	63.51	0.00	0.00	6.31	73.42	82	36.94	221	40.07	0	0.00	0	0.00	0.00	0.00	0.00	0.00	20.27	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	0.00
KHUSHAB	33	170	0.00	0.00	0.00	0.00	0.00	96.97	28	84.85	149	87.65	0	0.00	0	0.00	0.00	0.00	0.00	0.00	6.06	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
TOTAL BARANI ZONE	797	3365.325	7.53	33.75	0.00	0.50	6.65	67.13	498	62.48	2460	73.09	0	0.00	0	0.00	0.00	0.00	0.00	0.00	12.55	0.00	0.00	0.00	0.77	0.13	0.00	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G.TOTAL 2022	4443	29728.925	7.86	36.91	0.32	5.60	5.63	56.72	3128	70.40	22338	75.14	78	1.76	1081	3.64	0.05	0.00	0.20	0.00	13.50	0.00	0.07	0.56	0.81	0.45	1.37	0.05	0.14	0.00	0.00	0.00	0.00	0.00	

OBSERVATIONS

- Total 4443 spots of wheat fields comprising area of 29728.92 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 13.80% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 7.86% AETL and the Minor Narrow Leaves 0.32% AETL were reported.
- In case of Broad Leaf Weeds 5.63% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed above ETL (0.05% spots) in Ferozewala (3.70% spots) and Bahawalpur (0.47% spots) as well as below ETL (13.50% spots) in all Districts except Attock.
- Army worm** infestation 0.20% spots has been observed in districts Bahawalpur (3.30% spots) and Sahiwal (2.44% spots)..
- Smut** incidence 0.81% spots has been observed in district Hafizabad (4.17% spots), Gujrat (1.69% spots), Nankana (2.63% spots), Multan (0.65% spots), Lodhran (1.31% spots), Vehari (0.83% spots), Sahiwal (6.10% spots), Bahawalpur (1.89% spots) Bahawalnagar (1.88% spots), Jhang (0.71% spots), R.Y.Khan (4.44% spots), M.Garh (0.62% spots), T.T.Singh (0.63% spots), Faisalabad (0.44 % spots) and Bhakkar (0.65% spots) .
- Brown Rust** incidence 0.45% spots has been observed in districts Lodhran (0.65% spots), Sahiwal (4.88% spots), Pakpattan (1.80% spots), Bahawalpur (2.36% spots), Bahawalnagar (2.35% spots) and Rajanpur (1.55% spots).
- Yellow Rust** incidence 1.37% spots has been observed in district Gujranwala (4.44% spots), Hafizabad (2.78% spots), Sheikhpura (1.64% spots), Sialkot (7.02% spots), Narowal (9.56% spots), Gujrat (10.17% spots), M.B.Din (3.33% spots), Multan (2.58% spots) Sahiwal (2.44% spots), Okara (0.96% spots), Bahawalpur (1.89% spots), R.Y.Khan (0.99% spots), D.G.Khan (0.55% spots), M.Garh (2.47% spots), Rajanpur (2.33% spots), Bhakkar (0.65% spots) and Layyah (11.38% spots).
- Powdery Mildew** incidence 0.05% spots has been observed in district Sialkot (1.75% spots).
- Others** incidence 0.14% spots has been observed in districts Narowal (0.74% spots), Multan (2.58% spots) and T.T.Singh (0.63% spots).
- Up till now 75.14% area has been treated with weedicides.
- Up till now 3.64% 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