

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						
TOTAL BARANI ZONE	633	2594.625	9.79	30.02	0.00	4.11	10.27	60.66	356	56.24	1537	59.22	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
G.TOTAL 2021	4206	27526.375	13.48	37.28	0.14	4.90	12.77	59.11	2385	56.70	16112	58.53	7	0.17	0	0.04	0.00	0.00	0.07	0.00	0.05	0.00	0.05	0.00	0.05	0.24	0.02	0.10	0.24	0.00	0.05				

OBSERVATIONS

- Total 4206 spots of wheat fields comprising area of 27526.37 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 26.39% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 13.48% AETL and the Minor Narrow Leaves 0.14% AETL were reported.
- In case of Broad Leaf Weeds 12.77% AETL spots were reported.
- The attack of Wheat Aphid has been observed below ETL (0.05% spots) in Multan (0.79% spots) and Lodhran (0.70% spots) districts.
- Army worm infestation 0.07% spots has been observed in district Bahawalpur (1.42% spots).
- Smut incidence 0.02% spots has been observed in district Bahawalpur (0.47% spots).
- Brown Rust incidence 0.10% spots has been observed in districts Bahawalpur (1.42% spots) and R.Y.Khan (0.50% spots).
- Yellow Rust incidence 0.24% spots has been observed in district Bahawalnagar (0.47%spots), R.Y.Khan (1.99% spots), M.Garh (1.20% spots) and Rajanpur (2.14% spots).
- Up till now 58.53% 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.
- Fungicide Seed treatments are effective in managing Flag Smut