



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																					
CHAKWAL	57	137.75	14.04	31.58	0.00	26.32	7.02	61.40	21	36.84	52	37.60	0	0.00	0	0.00	0.00	0.00	0.00	0.00	5.26	0.00	0.00	6.00	0.00	0.00	5.26	0.00	0.00
JHELUM	22	67.5	0.00	0.00	0.00	0.00	31.82	15	68.18	29	42.22	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
ATTOCK	39	183.6	0.00	12.82	0.00	0.00	2.56	87.18	11	28.21	41	22.44	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
RAWALPINDI	67	101.3	17.91	59.70	0.00	1.49	19.40	70.15	29	43.28	319	314.91	0	0.00	0	0.00	0.00	0.00	0.00	0.00	43.28	0.00	0.00	0.6-2.6	0.00	0.00	7.46	0.00	0.00
KHUSHAB	85	345.5	0.00	18.82	0.00	4.71	7.06	92.94	52	61.18	240	69.32	2	2.35	12	3.47	0.00	0.00	0.00	0.00	8.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL BARANI ZONE</b>	<b>639</b>	<b>2371.65</b>	<b>9.39</b>	<b>32.39</b>	<b>0.00</b>	<b>3.13</b>	<b>5.48</b>	<b>72.61</b>	<b>441</b>	<b>69.01</b>	<b>1993</b>	<b>84.03</b>	<b>2</b>	<b>0.31</b>	<b>12</b>	<b>0.51</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.10</b>	<b>0.00</b>	<b>0.00</b>	<b>0-6</b>	<b>0.78</b>	<b>0.00</b>	<b>2.03</b>	<b>0.00</b>	<b>0.00</b>
<b>G.TOTAL 2023</b>	<b>4289</b>	<b>26373.65</b>	<b>6.34</b>	<b>31.97</b>	<b>0.07</b>	<b>4.55</b>	<b>6.20</b>	<b>55.61</b>	<b>3103</b>	<b>72.35</b>	<b>20566</b>	<b>77.98</b>	<b>20</b>	<b>0.47</b>	<b>109</b>	<b>0.41</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>8.79</b>	<b>0.00</b>	<b>0.00</b>	<b>0-6</b>	<b>0.28</b>	<b>0.51</b>	<b>1.61</b>	<b>0.00</b>	<b>0.61</b>

**OBSERVATIONS**

- Total 4289 spots of wheat fields comprising area of 26373.65 acres in 36 districts were surveyed for pests.
- On Overall Punjab basis total 12.61% above ETL Spots of weeds were reported.
- The Major Narrow Leaves 6.34% AETL and the Minor Narrow Leaves 0.07% AETL were reported.
- In case of Broad Leaf Weeds 6.20% AETL spots were reported.
- The attack of **Wheat Aphid** has been observed below ETL (8.79% spots) in Hafizabad (3.16% spots), Sheikhupura (4.00% spots), Sialkot (0.93% spots), Narowal (6.14% spots), Kasur (4.26% spots), Lahore (5.88% spots), Multan (15.13% spots), Lodhran (6.06% spots), Khanewal (5.88% spots), Vehari (22.81% spots), Pakpattan (2.38% spots), Okara (1.77% spots), Bahawalpur (18.78% spots), Bahawalnagar (12.44% spots), R.Y.Khan (32.75% spots), D.G.Khan (31.82% spots), M.Garh (21.35% spots), Rajanpur (22.64% spots), Chiniot (6.09% spots), Chakwal (5.26% spots), Rawalpindi (43.28% spots) and Khushab (8.24% spots) districts.
- Smut** incidence 0.28% spots has been observed in districts Sheikhupura (0.57% spots), Lahore (0.98% spots), Multan (0.66% spots), Sahiwal (2.50% spots), Okara (0.88% spots), T.T.Singh (0.61% spots), Bhakkar (0.65% spots) and Layyah (3.01% spots).
- Brown Rust** incidence 0.51% spots has been observed in districts Sialkot (0.93% spots), Gujrat (3.17% spots), Multan (1.32% spots), Khanewal (1.76% spots), Sahiwal (1.25% spots), Okara (0.88% spots), Bahawalpur (1.41% spots), R.Y.Khan (3.51% spots), T.T.Singh (0.61% spots) and Faisalabad (0.85% spots).
- Yellow Rust** incidence 1.61% spots has been observed in district Multan (0.66% spots), M.B.Din (3.64% spots), M.Garh (1.04% spots), Rajanpur (2.83% spots), Sialkot (8.33% spots), Layyah (0.75% spots), Bahawalnagar (2.30% spots), D.G.khan (1.52% spots), Bhakkar (1.94% spots), Gujranwala (5.13% spots), Hafizabad (1.05% spots), Narowal (3.51% spots), Gujrat (1.59% spots), Khanewal (3.53% spots), Sahiwal (3.75% spots), Pakpattan (2.38% spots), Okara (0.88% spots), Bahawalpur (0.47% spots), Khushab (2.63% spots), Chiniot (1.74% spots), Sargodha (3.57% spots), Mianwali (1.23% spots), Chakwal (5.26% spots) and Rawalpindi (7.46% spots).
- Other** disease incidence (0.61% spots) has been observed in district Multan (6.58% spots), D.G.Khan (7.58% spots) and Rajanpur (5.66% spots).
- Up till now 77.98% 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.