PEST SCOUTING REPORT OF WHEAT CROP FOR THE 2ND WEEK OF JANUARY, 2021

DISTRICT WISE SUMMARY

District	Total Spots Visited	Total Area Surveyed (Acres)	Weeds Infestation																	Weedicide Treatment				Insect Pest							Beneficials/ spike	Disease Incidence				
			Narrow Leaf								Broad Leaf													Spots Above ETL				Spots Below ETL								
			P. minor	Wild Oats	Lumar Grass	Paizi	Total/Major Narrow Leaf		Minor/ Others Narrow leaf		Bathu	Lehli	Leh	Kanda Palak	Seinji	Matri Booti	Others	Total Broad leaf		Spots	%	Area	%	Aphid	ABW	AW	Other	Aphid	ABW	Other		Smut	BrownRust	Yellow Rust	Powdery Mildew	Others
							AETL	BETL	AETL	BETL								AETL	BETL																	
RICE ZONE																																				
GUJRANWALA	90	1277	24.4	0.0	3.3	0.0	13.3	14.4	0.0	0.0	14.4	12.2	0.0	0.0	0.0	20.0	25.6	0.0	32.2	36	40.0	599	46.9	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
HAFIZABAD	72	907	43.1	18.1	0.0	0.0	25.0	36.1	0.0	0.0	36.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30	41.7	171	18.9	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
SHEIKHUPURA	199	1583	22.1	0.0	0.0	0.0	5.0	1.0	0.0	0.0	0.0	42.2	32.7	2.5	3.5	44.7	40.2	5.0	12.6	82	41.2	564	35.6	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
FEROZEWALA	47	236	76.6	6.4	0.0	0.0	42.6	17.0	0.0	0.0	40.4	80.9	34.0	0.0	0.0	89.4	0.0	34.0	57.4	4	8.5	27	11.4	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
SIALKOT	118	1324	13.6	11.9	0.0	1.7	24.6	2.5	0.0	0.0	2.5	23.7	14.4	5.1	3.4	15.3	27.1	14.4	19.5	30	25.4	337	25.5	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
NAROWAL	127	790	66.1	0.0	0.0	0.0	38.6	27.6	0.0	0.0	27.6	37.8	20.5	15.0	10.2	56.7	71.7	22.0	25.2	23	18.1	109	13.8	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
GUJRAT	81	768	40.7	2.5	0.0	0.0	37.0	6.2	0.0	0.0	6.2	43.2	4.9	2.5	23.5	44.4	13.6	18.5	38.3	12	14.8	100	13.0	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
M.B.DIN	74	498	27.0	0.0	0.0	0.0	8.1	18.9	0.0	0.0	23.0	6.8	2.7	1.4	6.8	10.8	16.2	10.8	25.7	10	13.5	68	13.7	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
KASUR	127	622	24.4	12.6	0.0	8.7	13.4	32.3	0.0	0.0	40.9	30.7	24.4	16.5	36.2	7.9	40.9	11.0	18.1	22	17.3	127	20.4	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
LAHORE	83	916	75.9	9.6	9.6	4.8	14.5	7.2	0.0	0.0	39.8	79.5	59.0	55.4	0.0	67.5	95.2	42.2	49.4	4	4.8	59	6.4	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
NANKANA	103	1068	30.1	2.9	0.0	0.0	28.2	4.9	0.0	0.0	4.9	25.2	23.3	0.0	0.0	24.3	30.1	11.7	20.4	14	13.6	141	13.2	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 RICE ZONE	**1121**	**9989**	**36.7**	**5.3**	**1.0**	**1.5**	**20.7**	**14.1**	**0.0**	**0.0**	**18.6**	**33.9**	**20.9**	**8.9**	**8.4**	**33.4**	**36.7**	**13.8**	**24.2**	**267**	**23.8**	**2302**	**23.0**	**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**
COTTON ZONE																																				
SAHIWAL	60	310	58.3	0.0	0.0	38.3	13.3	48.3	0.0	0.0	40.0	50.0	45.0	55.0	5.0	0.0	63.3	5.0	61.7	10	16.7	40	12.9	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
PAKPATTAN	87	376	24.1	3.4	0.0	0.0	3.4	20.7	0.0	0.0	75.9	9.2	0.0	0.0	0.0	0.0	66.7	0.0	75.9	22	25.3	100	26.6	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
OKARA	99	485	26.3	0.0	0.0	0.0	0.0	26.3	0.0	0.0	23.2	0.0	2.0	1.0	9.1	2.0	31.3	0.0	31.3	15	15.2	78	16.1	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
BAHAWALPUR	218	1807	67.9	22.9	19.7	10.6	25.2	54.1	0.0	0.0	57.8	39.4	29.4	15.6	47.2	6.9	82.1	12.8	20.6	125	57.3	1163	64.4	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
BAHAWALNAGAR	207	1745	53.6	58.0	0.0	12.6	5.3	75.8	0.0	0.0	69.1	69.6	33.8	13.0	100.0	10.1	100.0	10.1	19.8	101	48.8	857	49.1	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
JHANG	127	541	33.1	15.7	0.0	0.0	3.9	44.9	0.0	0.0	44.9	44.9	29.1	4.7	12.6	18.9	59.8	13.4	29.1	57	44.9	214	39.6	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
R.Y.KHAN	178	1540	73.0	29.2	0.0	5.1	25.3	59.0	0.0	10.1	82.0	42.1	36.0	19.1	34.3	0.6	86.0	12.4	24.2	87	48.9	749	48.6	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

District	Total Spots Visited	Total Area Surveyed (Acres)	Weeds Infestation																	Weedicide Treatment				Insect Pest							Beneficials/ spike	Disease Incidence				
			Narrow Leaf								Broad Leaf													Spots Above ETL				Spots Below ETL								
			P. minor	Wild Oats	Lumar Grass	Paizi	Total/Major Narrow Leaf		Minor/ Others Narrow leaf		Bathu	Lehli	Leh	Kanda Palak	Seinji	Matri Booti	Others	Total Broad leaf		Spots	%	Area	%									Smut	BrownRust	Yellow Rust	Powdery Mildew	Others
							AETL	BETL	AETL	BETL								AETL	BETL					Aphid	ABW	AW	Other	Aphid	ABW	Other						
D.G.KHAN	163	660	46.0	48.5	0.6	6.1	3.1	65.6	0.0	0.0	88.3	20.2	76.1	37.4	79.8	52.1	79.8	49.1	50.9	111	68.1	450	68.2	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
M.GARH	192	1071	20.8	3.1	9.9	16.1	4.7	41.7	0.0	0.0	41.1	31.8	10.9	11.5	41.1	27.1	79.2	0.5	99.5	27	14.1	86	8.0	0.00	0.00	0.00	0.00	0.52	0.00	3.13	0.00	0.00	0.00	0.00	0.00	0.00
RAJANPUR	105	1156	53.3	37.1	4.8	2.9	13.3	56.2	0.0	0.0	64.8	28.6	11.4	48.6	42.9	55.2	49.5	17.1	81.0	62	59.0	680	58.8	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
T.T.SING	158	539	38.6	11.4	0.0	0.0	7.6	42.4	0.0	0.0	42.4	31.0	19.0	15.2	8.9	29.1	38.6	10.8	30.4	54	34.2	193	35.8	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
CHINIOT	95	470	7.4	3.2	0.0	0.0	1.1	9.5	0.0	0.0	9.5	84.2	29.5	0.0	4.2	96.8	83.2	26.3	41.1	21	22.1	119	25.3	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
FAISALABAD	166	625.5	38.6	22.9	0.0	3.6	9.6	55.4	0.0	0.0	55.4	30.7	17.5	9.0	6.0	24.1	71.1	9.0	25.3	84	50.6	324	51.8	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
SARGODHA	93	389	92.5	0.0	17.2	8.6	59.1	59.1	0.0	0.0	111.8	108.6	61.3	15.1	53.8	51.6	74.2	32.3	44.1	36	38.7	193	49.6	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 COTTON ZONE	**1948**	**11714.5**	**46.3**	**22.0**	**4.3**	**7.1**	**12.3**	**50.3**	**0.0**	**0.9**	**58.9**	**41.3**	**29.0**	**16.5**	**37.5**	**24.8**	**72.0**	**14.2**	**42.6**	**812**	**41.7**	**5246**	**44.8**	**0.00**	**0.00**	**0.00**	**0.00**	**0.05**	**0.00**	**0.31**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
BARANI ZONE																																				
MIANWALI	100	588	42.0	66.0	0.0	0.0	54.0	54.0	0.0	0.0	124.0	78.0	9.0	101.0	144.0	62.0	100.0	24.0	41.0	35	35.0	194	33.0	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
BHAKHAR	131	520	42.7	47.3	0.0	3.1	46.6	46.6	0.0	0.0	83.2	59.5	32.8	45.8	65.6	55.0	29.0	21.4	38.9	101	77.1	396	76.2	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
LAYYAH	138	740	0.0	22.5	0.0	0.0	8.0	14.5	0.0	0.0	92.8	63.8	50.7	96.4	73.9	31.2	94.2	14.5	85.5	113	81.9	595	80.4	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
CHAKWAL	55	141	47.3	36.4	27.3	25.5	41.8	94.5	0.0	0.0	94.5	3.6	20.0	69.1	60.0	49.1	0.0	5.5	114.5	20	36.4	22	15.6	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	42	194	4.8	0.0	9.5	14.3	0.0	28.6	0.0	0.0	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0.0	32	16.5	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	45	127	0.0	20.0	0.0	0.0	2.2	17.8	0.0	0.0	17.8	4.4	26.7	0.0	8.9	11.1	0.0	6.7	53.3	3	6.7	19	15.2	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	66	145.2	18.2	89.4	12.1	74.2	104.5	89.4	0.0	0.0	89.4	28.8	0.0	0.0	43.9	33.3	0.0	33.3	28.8	0	0.0	0	0.0	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
KHUSHAB	28	76	14.3	50.0	0.0	21.4	42.9	42.9	0.0	0.0	75.0	78.6	46.4	32.1	85.7	100.0	100.0	42.9	39.3	9	32.1	21	27.6	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	**605**	**2531.2**	**23.5**	**43.1**	**4.5**	**13.1**	**38.2**	**46.0**	**0.0**	**0.0**	**84.8**	**47.8**	**26.1**	**56.4**	**69.8**	**42.8**	**48.9**	**18.5**	**54.0**	**281**	**46.4**	**1279**	**50.5**	**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	**3674**	**24234.7**	**35.5**	**23.5**	**3.25**	**7.24**	**23.7**	**26.3**	**0**	**0.31**	**54.09**	**41**	**25.33**	**27.27**	**38.55**	**33.67**	**52.54**	**15.52**	**40.26**	**1360**	**37.32**	**8827**	**39.45**	**0.00**	**0.00**	**0.00**	**0.00**	**0.02**	**0.00**	**0.10**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

OBSERVATIONS

1. Total 3674 spots of wheat fields comprising area of 24234.7 acres in 33 districts were surveyed for pests.
2. On Over all Punjab basis total 50.31% spots of narrow leaf weeds were reported.
3. The AETL of major narrow leaf weeds spots were 23.7% & BETL spots were 26.3% in all over Punjab.
4. In case of Broad leaf weeds the AETL spots were 15.52% & 40.26% BETL spots were reported.
5. Up till now 39.45% area has been treated with weedicides.
6. The attack of Wheat Aphid has been observed below ETL (0.02% spots) in M.Garh(0.52% spots) district.

RECOMMENDATIONS

1. Farmers are being advised to spray appropriate weedicides on their crops as last resort.
2. Balanced use of fertilizers and biological agents may hamper the Aphid population.