

PEST SITUATION ON MAIZE CROP IN PUNJAB DURING 4th WEEK OF MAY, 2021

Pest Situation of Maize Pests						
Sr. No.	Pest Name	%age of spots				Remarks
		Current Week		Previous week		
		AETL	BETL	AETL	BETL	
1	Hopper	0.00	1.06	0.00	0.00	-
2	Shoot Fly	0.00	0.70	0.00	1.49	Decreasing
3	Maize Stem Borer	0.59	7.04	2.49	5.80	Decreasing
4	Armyworm	4.11	-	3.32	-	Decreasing
5	Fall Armyworm	3.99	-	3.98	-	Sustaining
6	Stalk Rot	0.00	-	0.00	-	-
7	Leaf Blight	0.00	-	0.00	-	Decreasing
8	Smut	0.00	-	0.00	-	-

DISTRICT WISE PERCENTAGE OF HOT SPOTS OF FALL ARMYWORM

DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 4TH WEEK OF MAY 2021					
Sr. #	District	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm
1	Sheikhupura	27	79	4	14.8
2	M.B.Din	23	35	4	0.0
3	Rawalpindi	23	11.9	4	17.4
4	Lodhran	22	103	3	13.6
5	Sargodha	64	85.5	3	4.7
6	Gujranwala	20	105	3	15.0
7	Jehlum	16	114	3	18.8
8	Layyah	17	25	2	11.8
9	Lahore	15	73	2	13.3
10	Gujrat	9	22.5	2	22.2
11	Multan	20	119	1	5.0
12	Khanewal	44	151	1	2.3
13	Ferozwala	13	24	1	7.7
14	Kasur	43	299	1	2.3
15	Vehari	53	261	0	0.0
16	Sahiwal	20	77	0	0.0
17	Pakpattan	35	107	0	0.0
18	Okara	23	177	0	0.0
19	Bahawalpur	17	90	0	0.0

Sr. #	District	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm
20	Bahawalnagar	12	65	0	0.0
21	R.Y.Khan	19	38.0	0	0.0
22	D.G.Khan	53	67	0	0.0
23	M.Garh	25	30	0	0.0
24	Rajanpur	6	6	0	0.0
25	Faisalabad	66	160.85	0	0.0
26	T.T.Sing	15	42	0	0.0
27	Jhang	10	24	0	0.0
28	Chiniot	50	351	0	0.0
29	Nankana Sahib	7	51.5	0	0.0
30	Khushab	3	4	0	0.0
31	Minawali	14	33	0	0.0
32	Bhakkar	3	4	0	0.0
33	Hafizabad	9	39.5	0	0.0
34	Sialkot	10	35	0	0.0
35	Narowal	19	34	0	0.0
36	Chakwal	27	29.75	0	0.0
37	Attock	0	0	0	0.0
G.TOT 2021		852	2974	34	4.0

MANAGEMENT PRACTICES:

Following practices may be adopted for the management of FAW and to prevent its further spread:

1. Conduct Pest scouting twice in a week.
2. Install light traps in maize fields for correct identification of pest.
3. Mechanical control through hand picking of larvae and egg masses.
4. Placing of sand or ash in the whorls where pest attack is at lower ebb.
5. Ensure need-based sprays and spot treatments.
6. Spray at late afternoon or early morning.
7. Whorl application of granular insecticides.
8. Avoid repeated applications of pesticides having same mode of action.
9. Try Bio-Pesticides & Botanicals.
10. Conserve and attract natural enemies.
11. At present no pesticides is registered against Fall Armyworm, however results of following pesticides are better against FAW;
Emamectin+Fipronil @ 8kg/A, Emamectin+Carbofuran @ 8Kg/A, Emamactin@ 240ml/A, Leufenuron @ 240ml/A, Spintoram (120SC) @ 100ml/A.
Chlorantraniliprole 20%SC@100ml/A