

PEST SITUATION ON MAIZE CROP IN PUNJAB DURING 1ST WEEK OF JUNE, 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	0.40	0.00	1.06	-
2	Shoot Fly	0.00	1.73	0.00	0.70	-
3	Maize Stem Borer	0.13	7.47	0.59	7.04	Decreasing
4	Armyworm	1.20	-	4.11	-	Decreasing
5	Fall Armyworm	1.60	-	3.99	-	Decreasing
6	Stalk Rot	0.93	-	0.00	-	Increasing
7	Leaf Blight	0.13	-	0.00	-	Increasing
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 1st WEEK OF JUNE 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	Lodhran	11	23	5	45.5
2	Layyah	19	30	2	10.5
3	M.B.Din	21	36	2	9.5
4	Jhelum	12	69	2	16.7
5	Gujrat	12	25	1	8.3
6	Multan	16	52	0	0.0
7	Khanewal	61	167	0	0.0
8	Vehari	60	289	0	0.0
9	Sahiwal	10	51	0	0.0
10	Pakpattan	55	477	0	0.0
11	Okara	24	94	0	0.0
12	Bahawalpur	18	116	0	0.0
13	Bahawalnagar	10	50	0	0.0
14	D.G.Khan	73	95	0	0.0
15	M.Garh	43	50	0	0.0
16	Rajanpur	3	3	0	0.0
17	Faisalabad	96	256.4	0	0.0
18	T.T.Sing	6	13	0	0.0
19	Jhang	4	7	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	Chiniot	15	60	0	0.0
21	Lahore	12	74	0	0.0
22	Sheikhupura	17	81	0	0.0
23	Ferozwala	10	18.0	0	0.0
24	Nankana Sahib	8	13.5	0	0.0
25	Kasur	40	166	0	0.0
26	Minawali	14	30	0	0.0
27	Bhakkar	4	28	0	0.0
28	Gujranwala	12	66	0	0.0
29	Hafizabad	10	23.25	0	0.0
30	Sialkot	20	59	0	0.0
31	Narowal	10	37	0	0.0
32	Chakwal	12	8	0	0.0
33	Rawalpindi	12	3.3	0	0.0
34	Attock	0	0	0	0.0
G.TOT 2021		750	2570	12	1.6

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