

PEST SITUATION ON MAIZE CROP IN PUNJAB DURING 3RD 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	1.33	0.15	0.58	Decreasing
2	Shoot Fly	0.00	1.49	0.44	2.61	Decreasing
3	Maize Stem Borer	2.49	5.80	0.29	6.39	Increasing
4	Armyworm	3.32	-	2.18	-	Increasing
5	Fall Armyworm	3.98	-	3.77	-	Increasing
6	Stalk Rot	0.00	-	0.00	-	-
7	Leaf Blight	0.00	-	0.58	-	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 3RD 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	Vehari	30	199	3	10.0
2	Multan	18	156	2	11.1
3	Khanewal	47	141	2	4.3
4	Lodhran	36	267	2	5.6
5	Ferozwala	14	22	2	14.3
6	Gujranwala	4	24	2	50.0
7	M.B.Din	10	17	2	20.0
8	Jehlum	22	413	2	9.1
9	Layyah	14	21	1	7.1
10	Lahore	11	63.3	1	9.1
11	Sheikhupura	38	195	1	2.6
12	Hafizabad	7	15	1	14.3
13	Sialkot	16	66	1	6.3
14	Gujrat	6	16	1	16.7
15	Rawalpindi	7	4.3	1	14.3
16	Sahiwal	14	66	0	0.0
17	Pakpattan	27	141	0	0.0
18	Okara	19	173	0	0.0
19	Bahawalpur	3	59	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	23	101	0	0.0
21	R.Y.Khan	17	43	0	0.0
22	D.G.Khan	41	78	0	0.0
23	M.Garh	12	15	0	0.0
24	Rajanpur	3	3	0	0.0
25	Faisalabad	59	127.4	0	0.0
26	T.T.Sing	13	39	0	0.0
27	Jhang	7	20	0	0.0
28	Chiniot	30	188	0	0.0
29	Nankana Sahib	2	1.5	0	0.0
30	Kasur	8	27	0	0.0
31	Sargodha	0	0	0	0.0
32	Khushab	0	0	0	0.0
33	Minawali	14	25	0	0.0
34	Bhakkar	3	2.5	0	0.0
35	Narowal	13	18	0	0.0
36	Chakwal	15	9.875	0	0.0
37	Attock	0	0	0	0.0
G.TOT 2021		603	2757	24	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+Leufenuron @ 400ml/A, Spintoram (120SC) @ 100ml/A.