

PEST SITUATION ON MAIZE CROP IN PUNJAB DURING 4TH WEEK OF APRIL, 2021

Pest Situation of Maize Pests						
Sr. No.	Pest Name	%age of spots				Remarks
		Current Week		Previous week		
		AETL	BETL	AETL	BETL	
1	Hopper	0.0	3.3	0.00	1.99	Low
2	Shoot Fly	0.5	1.8	0.00	1.66	Low
3	Stem Borer	0.6	5.5	1.35	3.89	Sustaining
4	Armyworm	0.8	-	1.43	--	Decreasing
5	Fall Armyworm	11.5	-	9.54	-	Increasing
6	Stalk Rot	0.0	-	0.00	-	Low
7	Leaf Blight	0.9	-	0.00	-	Low
8	Smut	0.0	-	0.00	-	Low

DISTRICT WISE PERCENTAGE OF HOT SPOTS OF FALL ARMYWORM

DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 4TH WEEK OF APRIL 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	Faisalabad	59	162.3	13	22.0
2	Kasur	46	311	13	28.3
3	Khanewal	43	377	9	20.9
4	Multan	24	129	8	33.3
5	Pakpattan	37	219	6	16.2
6	Vehari	30	195	5	16.7
7	Layyah	44	73	4	9.1
8	T.T.Sing	17	18	4	23.5
9	Lodhran	20	69	3	15.0
10	Bahawalnagar	14	57	3	21.4
11	Sargodha	65	245	3	4.6
12	Gujranwala	23	156	3	13.0
13	Rawalpindi	17	17.7	3	17.6
14	Sahiwal	34	136	2	5.9
15	Okara	20	157	2	10.0
16	Chiniot	22	131	2	9.1
17	M.B.Din	7	12	2	28.6
18	Sheikhupura	20	92	1	5.0
19	Bhakkar	10	16	1	10.0

Sr. #	District	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm
20	Sialkot	16	33	1	6.3
21	Narowal	13	32	1	7.7
22	Jehlum	12	190	1	8.3
23	Bahawalpur	29	298	0	0.0
24	R. Y. Khan	8	16	0	0.0
25	D. G. Khan	52	66	0	0.0
26	M. Garh	16	20	0	0.0
27	Rajanpur	2	4	0	0.0
28	Jhang	3	7	0	0.0
29	Lahore	17	196	0	0.0
30	Ferozwala	14	85	0	0.0
31	Khushab	1	1	0	0.0
32	Minawali	27	34	0	0.0
33	Hafizabad	2	8	0	0.0
34	Gujrat	12	29.5	0	0.0
35	Chakwal	9	5.25	0	0.0
G.TOT 2021		785	3598	90	11.5

MANAGEMENT PRACTICES;

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

1. Enhance Surveillance 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.

CHEMICAL CONTROL OF FALL ARMYWORM:

- Emamectin+Fipronil @ 8kg/A
- Emamectin+Carbofuran @ 8Kg/A
- Emamactin+Leufenuron @ 400ml/A
- Spintoram (120SC) @ 100ml/A