



DIRECTORATE GENERAL
(PEST WARNING & QUALITY CONTROL OF PESTICIDES)
AGRICULTURE HOUSE, 21 – DAVIS ROAD, LAHORE.
Phone: 042 – 99204371, Fax: 99204373, Email: pestwarning@yahoo.com

نفاست اعلیٰ
(پیسٹ وارننگ اینڈ کوالٹی کنٹرول
آف آئی سی ای سائینسز) پنجاب لاہور

Subject: **PEST SITUATION REPORT OF FALL ARMYWORM FOR THE 2ND WEEK OF MAY 2021.**

As per surveillance reports of Pest Warning Wing, the infestation of Fall Armyworm, *Spodoptera frugiperda*, has been observed during 2nd week of May due to favorable climatic conditions and suitable stage of the spring maize crop in various Districts of Punjab. (summary of report annexed).

At present the pest infestation is reported from 13 districts of Punjab including Layyah, Khanewal, Gujranwala, Multan, Jehlum, M.B.Din, Sargodha, Vehari, Lodhran, Sahiwal, Pakpattan, Okara and Sialkot districts which is expected to increase in coming period.


(Dr. Muhammad Aslam)
Director General

No. 5408-12 /DGA(PW&QCP) Dated: 18-05-21

Copy forwarded for information to;

- Secretary Agriculture, Government of Punjab, Lahore.
- Secretary Agriculture, South Punjab, Multan.
- Director General of Agriculture (Ext. & AR) Punjab, Lahore.
- Director General of Agriculture (Research) AARI, Faisalabad.
- Director Agriculture Information, Punjab, Lahore.

PEST SITUATION ON MAIZE CROP IN PUNJAB DURING 2ND 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	0.2	0.6	0.0	1.2	Increasing
2	Shoot Fly	0.4	2.6	0.0	2.8	Increasing
3	Maize Stem Borer	0.3	6.4	0.1	8.7	Increasing
4	Armyworm	2.2	-	1.5	-	Increasing
5	Fall Armyworm	3.8	-	3.9	-	Sustaining
6	Stalk Rot	0.0	-	0.0	-	Low
7	Leaf Blight	0.6	-	0.6	-	Sustaining
8	Smut	0.0	-	0.0	-	-

DISTRICT WISE PERCENTAGE OF HOT SPOTS OF FALL ARMYWORM

DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 2ND 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	Khanewal	46	148	4	23.5
2	Layyah	46	66	4	23.5
3	Gujranwala	18	79	4	23.5
4	Multan	17	87	3	17.6
5	M.B.Din	10	14	2	11.8
6	Jhelum	24	211	2	11.8
7	Vehari	30	178	1	5.9
8	Lodhran	24	178	1	5.9
9	Sahiwal	21	184	1	5.9
10	Pakpattan	18	83	1	5.9
11	Okara	17	181	1	5.9
12	Sargodha	31	87	1	5.9
13	Sialkot	16	66	1	5.9
14	Bahawalpur	24	195	0	0.0
15	Bahawalnagar	10	42	0	0.0
16	R. Y. Khan	4	6	0	0.0
17	D.G. Khan	42	81	0	0.0
18	M. Garh	20	32	0	0.0
19	Rajanpur	6	6.0	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	Faisalabad	57	156.4	0	0.0
21	T.T.Sing	13	40	0	0.0
22	Jhang	5	13	0	0.0
23	Chiniot	17	72	0	0.0
24	Lahore	14	124	0	0.0
25	Sheikhupura	26	111	0	0.0
26	Ferozwala	12	59	0	0.0
27	Nankana Sahib	3	18.5	0	0.0
28	Kasur	30	112	0	0.0
29	Khushab	1	1	0	0.0
30	Minawali	14	25	0	0.0
31	Bhakkar	5	6.5	0	0.0
32	Hafizabad	10	33	0	0.0
33	Narowal	16	50	0	0.0
34	Gujrat	6	16	0	0.0
35	Chakwal	23	26.75	0	0.0
36	Rawalpindi	13	21.1	0	0.0
37	Attock	0	0	0	0.0
G.TOT 2021		689	2809	26	3.8

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.