



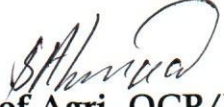
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نظامت اعلیٰ
(پست وارنگ اینڈ وائی کٹرول
آف پیسٹ سائٹرز) پنجاب لاہور

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

As per surveillance reports of Pest Warning Wing, the infestation of Fall Armyworm, *Spodoptera frugiperda*, has been observed during 2ND week of June in various Districts of Punjab. (Summary of report annexed).

At present the pest infestation is reported from 05 districts of Punjab including Lodhran, Khanewal, Sheikhpura, M.B.Din and Jehlum districts which is expected to sustain in coming period.


Deputy Director of Agri. QCP/Hqr.
For Director General

No. ⁶⁶²⁸⁻³⁴ /DGA(PW&QCP) Dated: 15-06-21

Copy forwarded for information to;

- PS to Minister for Agriculture, Punjab, Lahore.
- 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 General, Department of Plant Protection, Karachi.
- Director Agriculture Information, Punjab, Lahore.

PEST SITUATION ON MAIZE CROP IN PUNJAB DURING 2ND 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	0.00	0.00	0.40	-
2	Shoot Fly	0.12	2.11	0.00	1.73	Increasing
3	Maize Stem Borer	0.23	4.46	0.13	7.47	Sustaining
4	Armyworm	2.11	-	1.20	-	Increasing
5	Fall Armyworm	0.94	-	1.60	-	Decreasing
6	Stalk Rot	0.00	-	0.93	-	Decreasing
7	Leaf Blight	0.47	-	0.13	-	Increasing
8	Smut	0.23	-	0.00	-	Increasing

DISTRICT WISE PERCENTAGE OF HOT SPOTS OF FALL ARMYWORM

DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 2ND 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	9	16	3	33.3
2	Khanewal	27	64	2	7.4
3	Sheikhupura	30	103	1	3.3
4	M.B.Din	20	30	1	5.0
5	Jhelum	19	126	1	5.3
6	Multan	14	88	0	0.0
7	Vehari	43	307	0	0.0
8	Sahiwal	10	33	0	0.0
9	Pakpattan	12	83	0	0.0
10	Okara	9	72	0	0.0
11	Bahawalpur	17	114	0	0.0
12	Bahawalnagar	13	58	0	0.0
13	R. Y. Khan	13	31	0	0.0
14	D. G. Khan	102	148	0	0.0
15	M. Garh	13	15	0	0.0
16	Rajanpur	3	3	0	0.0
17	Layyah	23	39	0	0.0
18	Faisalabad	34	75.9	0	0.0
19	T. T. Sing	12	18	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	Jhang	24	36	0	0.0
21	Chiniot	13	52	0	0.0
22	Lahore	10	59	0	0.0
23	Ferozwala	45	87	0	0.0
24	Nankana Sahib	3	7	0	0.0
25	Kasur	51	211.0	0	0.0
26	Sargodha	77	124.25	0	0.0
27	Khushab	2	3	0	0.0
28	Minawali	14	32	0	0.0
29	Bhakkar	3	13	0	0.0
30	Gujranwala	8	45	0	0.0
31	Hafizabad	11	33	0	0.0
32	Sialkot	19	19	0	0.0
33	Narowal	108	407	0	0.0
34	Gujrat	10	13	0	0.0
35	Chakwal	16	7.125	0	0.0
36	Rawalpindi	10	3.4	0	0.0
37	Attock	5	8.5	0	0.0
G.TOT 2021		852	2584	8	0.9

FORECAST FOR THE NEXT WEEK:

The optimum temperature for Fall Armyworm is 25-35 °C and RH is 80 % while the temperature forecast for the next 7 days is 26-37 °C and RH will be 33%. So it can be predicted that in the coming days the pest infestation may sustain under existing climatic conditions.

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