



DIRECTORATE GENERAL
(PEST WARNING & QUALITY CONTROL OF PESTICIDES)
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نظامت اعلیٰ
(بیٹ وارننگ اینڈ کوالٹی کنٹرول
آف پیسٹ سائٹلز) پنجاب لاہور

Subject: **PEST SITUATION REPORT OF FALL ARMYWORM FOR THE 3RD**
WEEK OF MARCH, 2024.

As per surveillance reports of Pest Warning Wing, no infestation of Fall Armyworm, *Spodoptera frugiperda*, has been observed during 3RD Week of March in Punjab. (Summary of report annexed).

Director of Agri. (PP) Hqr
For Director General

No. 33/2-18 /DGA (PW&QCP)
Copy forwarded for information to;

Dated: 28-03-2024

- 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.
- The Chief Scientist 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 3RD WEEK OF MARCH, 2024

Pest Situation of Maize Pests								
%age of spots								
Sr. No.	Pest Name	Current Week 2024		Previous week 2024		Corresponding week 2023		Remarks
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Maize Stem Borer	0.00	0.93	0.00	0.00	0.00	1.48	-
2	Fall Armyworm	0.00	-	0.00	-	4.81	-	-

Pest Situation of Sorghum Pests								
%age of spots								
Sr. No.	Pest Name	Current Week 2024		Previous week 2024		Corresponding week 2023		Remarks
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Maize Stem Borer	0.00	0.00	0.00	0.00	0.00	0.00	-
2	Fall Armyworm	0.00	-	0.00	-	0.00	-	-

Pest Situation of Millet Pests								
%age of spots								
Sr. No.	Pest Name	Current Week 2024		Previous week 2024		Corresponding week 2023		Remarks
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Maize Stem Borer	0.00	0.00	0.00	0.00	0.00	0.00	-
2	Fall Armyworm	0.00	-	0.00	-	0.00	-	-

DISTRICT WISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 3RD WEEK OF MARCH, 2024						
Sr. #	District	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm	
1	Multan	13	129	0	0.0	
2	Khanewal	8	48	0	0.0	
3	Vehari	15	82	0	0.0	
4	Lodhran	16	129	0	0.0	
5	Sahiwal	37	234	0	0.0	
6	Pakpattan	30	204	0	0.0	
7	Okara	21	99	0	0.0	
8	Bahawalpur	16	109	0	0.0	
9	Bahawalnagar	7	47	0	0.0	
10	R.Y.Khan	4	5	0	0.0	
11	D.G.Khan	90	94	0	0.0	
12	M.Garh	0	0	0	0.0	
13	Rajapur	2	2	0	0.0	

14	Layyah	0	0	0	0.0
15	Lahore	7	23	0	0.0
16	Sheikhupura	5	11	0	0.0
17	Nankana Sahib	0	0	0	0.0
18	Ferozwala	0	0	0	0.0
19	Kasur	11	27	0	0.0
20	Gujranwala	3	14	0	0.0
21	Hafizabad	1	2	0	0.0
22	Wazirabad	0	0	0	0.0
23	Sialkot	9	78	0	0.0
24	Narowal	0	0	0	0.0
25	M.B. Din	6	12	0	0.0
26	Gujrat	2	10	0	0.0
27	Faisalabad	68	346.75	0	0.0
28	Chiniot	33	201	0	0.0
29	TTSingh	7	27	0	0.0
30	Jhang	19	66	0	0.0
31	Sargodha	0	0	0	0.0
32	Khushab	0	0	0	0.0
33	Bhakkar	0	0	0	0.0
34	Mianwali	0	0	0	0.0
35	Jhelum	0	0	0	0.0
36	Chakwal	0	0	0	0.0
37	Rawalpindi	0	0	0	0.0
38	Attock	0	0	0	0.0
G.TOT 2024		430	2000	0	0.0

DISTRICT WISE PEST SCOUTING REPORT OF FALL ARMYWORM ON SORGHUM CROP FOR 3RD WEEK OF MARCH, 2024

Sr. #	District	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm
1	Multan	0	0	0	0.0
2	Khanewal	0	0	0	0.0
3	Vehari	0	0	0	0.0
4	Lodhran	0	0	0	0.0
5	Sahiwal	0	0	0	0.0
6	Pakpattan	0	0	0	0.0
7	Okara	0	0	0	0.0
8	Bahawalpur	0	0	0	0.0
9	Bahawalnagar	0	0	0	0.0
10	R.Y.Khan	0	0	0	0.0
11	D.G.Khan	0	0	0	0.0
12	M.Garh	0	0	0	0.0

13	Rajanpur	0	0	0	0.0
14	Layyah	0	0	0	0.0
15	Faisalabad	0	0	0	0.0
16	T.T.Sing	0	0	0	0.0
17	Jhang	0	0	0	0.0
18	Chiniot	0	0	0	0.0
19	Lahore	0	0	0	0.0
20	Kasur	0	0	0	0.0
21	Sheikhupura	0	0	0	0.0
22	Ferozwala	0	0	0	0.0
23	Nankana Sahib	0	0	0	0.0
24	Sargodha	0	0	0	0.0
25	Khushab	0	0	0	0.0
26	Minawali	0	0	0	0.0
27	Bhakkar	0	0	0	0.0
28	Gujranwala	0	0	0	0.0
29	Hafizabad	0	0	0	0.0
30	Wazirabad	0	0	0	0.0
31	Sialkot	0	0	0	0.0
32	Narowal	0	0	0	0.0
33	M.B.Din	0	0	0	0.0
34	Gujrat	0	0	0	0.0
35	Jehlum	0	0	0	0.0
36	Chakwal	0	0	0	0.0
37	Rawalpindi	0	0	0	0.0
38	Attock	0	0	0	0.0
G.TOT 2024		0	0	0	0.0

**DISTRICT WISE PEST SCOUTING REPORT OF FALL ARMYWORM ON
MILLET CROP FOR 3RD WEEK OF MARCH, 2024**

Sr. #	District+B2:B21B2:B22B2:B23	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm
1	Multan	0	0	0	0.0
2	Khanewal	0	0	0	0.0
3	Vehari	0	0	0	0.0
4	Lodhran	0	0	0	0.0
5	Sahiwal	0	0	0	0.0
6	Pakpattan	0	0	0	0.0
7	Okara	0	0	0	0.0
8	Bahawalpur	0	0	0	0.0
9	Bahawalnagar	0	0	0	0.0
10	R.Y.Khan	0	0	0	0.0
11	D.G.Khan	0	0	0	0.0
12	M.Garh	0	0	0	0.0
13	Rajanpur	0	0	0	0.0
14	Layyah	0	0	0	0.0
15	Faisalabad	0	0	0	0.0

16	T.T.Sing	0	0	0	0.0
17	Jhang	0	0	0	0.0
18	Chiniot	0	0	0	0.0
19	Lahore	0	0	0	0.0
20	Kasur	0	0	0	0.0
21	Sheikhupura	0	0	0	0.0
22	Ferozwala	0	0	0	0.0
23	Nankana Sahib	0	0	0	0.0
24	Sargodha	0	0	0	0.0
25	Khushab	0	0	0	0.0
26	Minawali	0	0	0	0.0
27	Bhakkar	0	0	0	0.0
28	Gujranwala	0	0	0	0.0
29	Hafizabad	0	0	0	0.0
30	Wazirabad	0	0	0	0.0
31	Sialkot	0	0	0	0.0
32	Narowal	0	0	0	0.0
33	M.B.Din	0	0	0	0.0
34	Gujrat	0	0	0	0.0
35	Jehlum	0	0	0	0.0
36	Chakwal	0	0	0	0.0
37	Rawalpindi	0	0	0	0.0
38	Attock	0	0	0	0.0
G.TOT 2024		0	0	0	0.0

FORECAST FOR THE NEXT WEEK:

DISTRICTS	TEMPERATURE	
	Avg.Max. Temp (°C)	Avg. Min. Temp (°C)
Sahiwal	35.6	19.1
Pakpattan	35.6	19.1
Okara	35.6	19.1
Jhang	34.1	17.4
Toba Tek Singh	34.1	17.4
Chiniot	33.8	17.6
Multan	35.0	20.4
Khanewal	35.6	19.7
Vehari	35.6	19.7
Lodhran	35.7	21.1
AVG	35.1	19.1

Optimum temperature requirement for rapid multiplication of Fall Army Worm is 25-35 °C.

MANAGEMENT PRACTICES:

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

1. Conduct Pest scouting twice a week.
2. Install light traps in maize fields.
3. Mechanical control through hand picking of larvae and egg masses.
4. Placing of sand or ash in the whorls on early stage crop.
5. Ensure need-based sprays and spot treatments.
6. Spray at late afternoon or early morning.
7. Whorl application of granular insecticides and use of T-Jet nozzle in case of sprays for better coverage.
8. Avoid repeated applications of pesticides having same mode of action.
9. Plant refuge/insectary crops along the borders or surrounding of Maize Crop to attract and provide shelter to beneficial insects.
10. At present few pesticides are 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