



**DIRECTORATE GENERAL**  
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قلمت اعلیٰ  
(پست وارننگ اینڈ کوآپریٹو کنٹرول  
آف پیسٹی سائیزرز) پنجاب لاہور

Subject: **PEST SITUATION REPORT OF FALL ARMYWORM FOR THE 3<sup>RD</sup>**  
**WEEK OF APRIL, 2022.**

As per surveillance reports of Pest Warning Wing, the infestation of Fall Armyworm, *Spodoptera frugiperda*, has been observed during 3<sup>RD</sup> week of April in various Districts of Punjab. (Summary of report annexed).

At present the pest infestation is reported on Maize Crop from 27 districts and the infestation on Sorghum Crop is observed from 01 district which is expected to Increase in coming period.

  
**Deputy Director of Agri. (QCP) Hqr**  
**For Director General**

No. **6388-94** /DGA(PW&QCP) Dated: **25.04.2022**

**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.
- 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 3<sup>rd</sup> WEEK OF APRIL, 2022

Pest Situation of Maize Pests								
		%age of spots						
Sr. No.	Pest Name	Current Week		Previous week		Corresponding week		Remarks
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Maize Stem Borer	0.48	11.23	0.77	8.62	1.18	4.73	Decreasing
2	Fall Armyworm	16.49	-	15.54	-	13.41	-	Increasing

Pest Situation of Sorghum Pests								
		%age of spots						
Sr. No.	Pest Name	Current Week		Previous week		Corresponding week		Remarks
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Maize Stem Borer	0.00	6.90	0.00	0.00	0.00	0.00	-
2	Fall Armyworm	3.45	-	0.00	-	0.00	-	Increasing

### DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 3RD WEEK OF APRIL, 2022

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	85	219.5	14	16.5
2	Khanewal	30	103	14	46.7
3	Multan	51	339	11	21.6
4	Bahawalpur	32	397	8	25.0
5	Gujranwala	22	177.5	8	36.4
6	Kasur	21	229	8	38.1
7	Sahiwal	42	349	8	19.0
8	Pakpattan	52	184	7	13.5
9	Vehari	45	232	7	15.6
10	Bahawalnagar	11	106	5	45.5
11	Lodhran	19	335	5	26.3
12	Okara	24	132	5	20.8
13	Sargodha	23	319	5	21.7
14	Sheikhupura	17	86	4	23.5
15	TTSingh	22	55	4	18.2
16	Bhakkar	39	51.12	3	7.7
17	Layyah	9	18	3	33.3
18	M.Garh	18	25	3	16.7
19	Sialkot	29	298	3	10.3
20	Chiniot	49	498	2	4.1

21	Jehlum	19	107	2	10.5
22	M.B. Din	10	59	2	20.0
23	Nankana Sahib	4	7.5	2	50.0
24	Narowal	11	18	2	18.2
25	Hafizabad	8	58	1	12.5
26	Mianwali	10	14	1	10.0
27	Rajanpur	10	14	1	10.0
28	Attock	0	0	0	0.0
29	Chakwal	15	7.7	0	0.0
30	D.G.Khan	71	107	0	0.0
31	Ferozwala	0	0	0	0.0
32	Gujrat	11	166.5	0	0.0
33	Jhang	14	25	0	0.0
34	Khushab	0	0	0	0.0
35	Lahore	7	103	0	0.0
36	R.Y.Khan	7	7	0	0.0
37	Rawalpindi	0	0	0	0.0
<b>G.TOT 2021</b>		<b>837</b>	<b>4847</b>	<b>138</b>	<b>16.5</b>

**DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON  
SORGHUM CROP FOR 3RD WEEK OF APRIL 2022**

Sr. #	District	No. of Spots Visited	Area Surveyed (Acres)	No. of Hot Spots of Fall Armyworm	% age of Hot Spots of Fall Armyworm
1	Nankana Sahib	5	2.75	1	20.0
2	Multan	0	0	0	0.0
3	Khanewal	0	0	0	0.0
4	Vehari	0	0	0	0.0
5	Lodhran	0	0	0	0.0
6	Sahiwal	0	0	0	0.0
7	Pakpattan	0	0	0	0.0
8	Okara	0	0	0	0.0
9	Bahawalpur	0	0	0	0.0
10	Bahawalnagar	0	0	0	0.0
11	R.Y.Khan	0	0	0	0.0
12	D.G.Khan	0	0	0	0.0
13	M.Garh	0	0	0	0.0
14	Rajanpur	0	0	0	0.0
15	Layyah	0	0	0	0.0
16	Faisalabad	0	0	0	0.0
17	T.T.Sing	0	0	0	0.0
18	Jhang	0	0	0	0.0
19	Chiniot	0	0	0	0.0

20	Lahore	4	11	0	0.0
21	Kasur	0	0	0	0.0
22	Sheikhupura	4	4	0	0.0
23	Ferozwala	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	Sialkot	0	0	0	0.0
31	Narowal	0	0	0	0.0
32	M.B.Din	0	0	0	0.0
33	Gujrat	0	0	0	0.0
34	Jehlum	7	6.55	0	0.0
35	Chakwal	9	1.375	0	0.0
36	Rawalpindi	0	0	0	0.0
37	Attock	0	0	0	0.0
<b>G.TOT 2021</b>		<b>29</b>	<b>25.68</b>	<b>1</b>	<b>3.4</b>

#### FORECAST FOR THE NEXT WEEK:

DISTRICTS	TEMPERATURE	
	Max. Temp (°C)	Min. Temp (°C)
Sahiwal	43.3	26.7
Pakpattan	42.8	26.4
Okara	42.7	26.1
Jhang	42.1	26.4
Toba Tek Singh	43.8	27.7
Chiniot	42.8	25.8
Multan	43.0	27.0
Khanewal	42.6	27.1
Vehari	43.6	28.8
Lodhran	42.8	27.7
<b>AVG</b>	<b>42.9</b>	<b>26.9</b>

Optimum temperature requirement for rapid multiplication of Fall Army Worm is 25-35 °C and it is predicted that the average temperature for the next week may favor for the development of Fall Army Worm.

## 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