



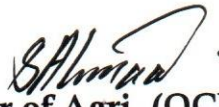
DIRECTORATE GENERAL
(PEST WARNING & QUALITY CONTROL OF PESTICIDES)
AGRICULTURE HOUSE, 21 - DAVIS ROAD, LAHORE.
Phone: 042 - 99204371, Fax: 99204373, Email: pestwarning@yahoo.com

دہلی دارکنٹ اینڈ کنٹرول
آف پستی مائیزز (پنجاب لاہور)

Subject: **PEST SITUATION REPORT OF FALL ARMYWORM FOR THE 1ST**
WEEK OF MAY, 2022.

As per surveillance reports of Pest Warning Wing, the infestation of Fall Armyworm, *Spodoptera frugiperda*, has been observed during 1ST week of May in various Districts of Punjab. (Summary of report annexed).

At present the pest infestation is reported on Maize Crop from 24 districts which is expected to Increase in coming period.


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

No. **6580-86** /DGA(PW&QCP) Dated: **10.05.2022**
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 1ST WEEK OF MAY, 2022

Pest Situation of Maize Pests								
Sr. No.	Pest Name	%age of spots						Remarks
		Current Week		Previous week		Corresponding week		
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Maize Stem Borer	0.30	7.54	0.96	10.82	0.14	5.76	Decreasing
2	Fall Armyworm	18.20	-	17.55	-	4.30	-	Increasing

DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 1ST WEEK OF MAY, 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	Sargodha	41	158.5	15	36.6
2	Bahawalpur	29	342	14	48.3
3	Multan	35	217	12	34.3
4	Khanewal	18	91	12	66.7
5	Vehari	30	164	7	23.3
6	Kasur	24	106	7	29.2
7	Gujranwala	28	151.5	7	25.0
8	Lodhran	26	181	6	23.1
9	Pakpattan	36	205	4	11.1
10	Okara	23	82	4	17.4
11	M.Garh	19	27	4	21.1
12	Layyah	12	18	4	33.3
13	Sialkot	23	339	4	17.4
14	Sahiwal	49	326	3	6.1
15	Bahawalnagar	17	53	3	17.6
16	Rajanpur	16	22	3	18.8
17	M.B. Din	13	88	3	23.1
18	Narowal	5	5	2	40.0
19	Gujrat	11	75	2	18.2
20	Jhang	12	35	2	16.7
21	Bhakkar	19	15.77	2	10.5
22	Hafizabad	9	38	1	11.1
23	Mianwali	11	20	1	9.1
24	Jhelum	14	69	1	7.1
25	R.Y.Khan	4	4	0	0.0
26	D.G.Khan	39	51	0	0.0
27	Lahore	4	68	0	0.0

28	Sheikhupura	13	108	0	0.0
29	Nankana Sahib	0	0	0	0.0
30	Ferozwala	0	0	0	0.0
31	Faisalabad	10	8.9	0	0.0
32	Chiniot	40	320	0	0.0
33	TTSingh	17	81	0	0.0
34	Khushab	0	0	0	0.0
35	Chakwal	29	19.875	0	0.0
36	Rawalpindi	0	0	0	0.0
37	Attock	0	0	0	0.0
G.TOT 2022		676	3490	123	18.2

FORECAST FOR THE NEXT WEEK:

DISTRICTS	TEMPERATURE	
	Max. Temp (°C)	Min. Temp (°C)
Sahiwal	45.3	29.3
Pakpattan	45.3	30.0
Okara	44.8	29.8
Jhang	44.7	28.1
Toba Tek Singh	45.8	30.0
Chiniot	45.1	28.1
Multan	45.7	30.1
Khanewal	46.0	30.3
Vehari	46.0	30.4
Lodhran	46.0	30.6
AVG	45.5	29.7

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