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کتابت اعلیٰ
(پیسٹ وارننگ اینڈ کوالٹی کنٹرول
آف پیسٹ سائیڈز) پنجاب لاہور

Subject: **PEST SITUATION REPORT OF FALL ARMYWORM FOR THE 1ST
WEEK OF MAY 2021.**

As per surveillance reports of Pest Warning Wing, the attack of Fall Armyworm, *Spodoptera frugiperda*, has been observed during 1st 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 Khanewal, Pakpattan, Layyah, Multan, M.B.Din, Vehari, Gujranwala, Jehlum, Rawalpindi, Lodhran, Sahiwal, Okara and R.Y.Khan districts which is expected to increase in coming period.


(Dr. Muhammad Aslam)
Director General

No. S107-11 /DGA(PW&QCP) Dated: 07-05-2021
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 1st 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	0.0	1.4	0.0	3.3	Low
2	Shoot Fly	0.1	1.2	0.5	1.8	Low
3	Stem Borer	0.1	5.8	0.6	5.5	Low
4	Armyworm	0.9	-	0.8	-	Sustaining
5	Fall Armyworm	4.3	-	11.5	-	Decreasing
6	Stalk Rot	0.0	-	0.0	-	Low
7	Leaf Blight	0.6	-	0.9	-	Low
8	Smut	0.0	-	0.0	-	Low

DISTRICT WISE PERCENTAGE OF HOT SPOTS OF FALL ARMYWORM

DISTRICTWISE PEST SCOUTING REPORT OF FALL ARMYWORM ON MAIZE CROP FOR 1ST 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	21	103	4	19.0
2	Pakpattan	31	167	4	12.9
3	Layyah	50	69	4	8.0
4	Multan	18	97	3	16.7
5	M.B.Din	9	13	3	33.3
6	Vehari	60	289	2	3.3
7	Gujranwala	13	85	2	15.4
8	Jehlum	26	203	2	7.7
9	Rawalpindi	19	25.2	2	10.5
10	Lodhran	24	132	1	4.2
11	Sahiwal	20	137	1	5.0
12	Okara	24	181	1	4.2
13	R. Y. Khan	19	48	1	5.3
14	Bahawalpur	21	243	0	0.0
15	Bahawalnagar	28	104	0	0.0
16	D.G. Khan	41	58	0	0.0
17	M. Garh	16	35	0	0.0
18	Rajanpur	4	4.0	0	0.0
19	Faisalabad	75	242	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	T.T.Sing	14	37	0	0.0
21	Chiniot	22	187	0	0.0
22	Lahore	5	74	0	0.0
23	Sheikhupura	11	19	0	0.0
24	Ferozwala	8	19	0	0.0
25	Kasur	36	257	0	0.0
26	Minawali	16	20	0	0.0
27	Bhakkar	4	8	0	0.0
28	Hafizabad	5	10.5	0	0.0
29	Sialkot	16	66	0	0.0
30	Narowal	20	24	0	0.0
31	Gujrat	6	25	0	0.0
32	Chakwal	7	3.125	0	0.0
G.TOT 2021		694	2994	30	4.3

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.

CHEMICAL CONTROL OF FALL ARMYWORM:

- Emamectin+Fipronil @ 8kg/A
- Emamectin+Carbofuran @ 8Kg/A
- Emamactin+Leufenuron @ 400ml/A
- Spintoram (120SC) @ 100ml/A