



No. 8720 /DGA(PW&QCP)

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**DIRECTORATE GENERAL, PEST WARNING & QCP, PUNJAB**

**AGRICULTURE HOUSE, 21-DAVIS ROAD, LAHORE**

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**PEST ALERT: RICE CROP IN FOURTH WEEK SEPTEMBER 2020**

Pest situation trends of rice crop from pest surveillance reports remained as under during the previous week:

**PEST SITUATION TREND OF RICE CROP**

Pest Situation of Rice Pests								
Sr. No.	Pest Name	%age of spots						Remarks
		Current Week		Previous Week		Corresponding week of Last Year		
		AETL	BETL	AETL	BETL	AETL	BETL	
1	Rice Borer	0.22	9.90	0.32	8.40	0.11	8.65	Low
2	Leaf Folder	2.88	18.82	2.43	18.38	0.63	11.55	Increasing
3	WPBH	0.00	0.22	0.00	0.00	0.00	0.00	Low
4	BPH	0.00	1.20	0.00	1.00	0.00	3.36	Increasing
5	Toka	0.87	17.90	0.79	16.75	0.63	14.28	Low
6	Foot Rot	2.56	-	3.65	-	0.40	-	Decreasing
7	B.L.B	1.96	-	1.11	-	1.37	-	Increasing
8	B.L.S	8.92	-	6.71	-	10.81	-	Increasing
9	Sheath Blight	0.44	-	0.26	-	0.23	-	Low
10	Blast	2.07	-	1.00	-	1.71	-	Increasing
<b>NO. OF TOTAL SPOTS VISITED</b>						<b>1838</b>		
<b>TOTAL AREA VISITED (Acres)</b>						<b>14049</b>		

The spots above ETL have been reported in different area of Rice Zone as under:

<b>1. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF RICE BORER</b>					
1	Minchinabad	10.00	2	Pakpattan	3.57
<b>2. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF LEAF ROLLER</b>					
1	Mian Channu	40.00	13	Lodhran	14.29
2	Karor	40.00	14	Dalal pur Jattan	10.00
3	Dunya Pur	25.00	15	Shorkot	10.00
4	D.G Khan	25.00	16	Safdarabad	8.33
5	Kot chutta	22.22	17	Chak Jhumra	7.69
6	Khanewal	20.00	18	Shakar Garh	6.67
7	Jahanain	20.00	19	Kharian	6.67
8	Kabirwala	20.00	20	Minchinabad	6.67
9	Kehror Pacca	20.00	21	Bhowana	5.88
10	Layyah	20.00	22	Bahawalpur	5.56
11	Shahpur	18.75	23	Muridke	5.00
12	Lalian	15.79	24	Sahiwal	5.00
<b>3. NO HOT SPOTS OF WHITE-BACKED PLANT HOPPER IN ANY TEHSIL</b>					
<b>4. NO HOT SPOTS OF BROWN PLANT HOPPER IN ANY TEHSIL</b>					
<b>5. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF TOKA</b>					
1	Nankana Sahib	5.71	4	Phalia	4.35
2	Safdarabad	5.00	5	M.B.Din	3.45
3	Muridke	5.00	6	Narang Mandi	3.28
<b>6. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF FOOT ROT</b>					
1	Kot Addu	38.46	10	Shahpur	6.25
2	Muzaffargarh	22.22	11	Lalian	5.26
3	Ferozwala	18.18	12	Sahiwal	5.00
4	Pirmahal	16.00	13	Shargpur	4.92
5	Kamalia	11.43	14	Safdarabad	3.33
6	Nankana Sahib	8.57	15	Narang Mandi	3.28
7	Muridke	8.33	16	Pattoki	2.33
8	Shahkot	7.32	17	Sheikhupura	2.02
9	Silanwali	7.14			
<b>7. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BROWN LEAF SPOT</b>					
1	Kot Addu	100.00	4	Shakar Garh	40.00
2	Khushab	53.85	5	Vehari	40.00
3	Kharian	46.67	6	Minchinabad	36.67
<b>8. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BACTERIAL LEAF BLIGHT</b>					
1	Dalal Pur	57.14	4	Noshehra Virkan	10.00
2	Pindi Bhatian	10.71	5	Kamoki	9.68
3	M.B.Din	10.34	6	Phalia	8.70

9. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF SHEATH BLIGHT					
1	Bhera	8.00	3	Pindi Bhatian	3.57
2	Wazirabad	4.00	4	Gujrat	3.57
10. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BLAST					
1	D.G Khan	25.00	5	Silanwali	14.29
2	Kot chutta	22.22	6	Sambrial	11.76
3	Kharlan	20.00	7	Daska	11.76
4	Karor	20.00	8	Pasrur	10.00

#### **GENERAL RECOMMENDATIONS PEST MANAGEMENT OF RICE CROP**

1. Conduct regular pest scouting twice a week for rice insect pests.
2. Control the pest without delay when population reaches ETL.
3. Install yellow sticky traps for monitoring of hoppers.
4. Avoid excessive use of nitrogenous fertilizers.
5. Avoid water excess or stress to the crop.
6. Use recommended pesticides/fungicides & dose when needed.

#### **ECONOMIC THRESHOLD LEVELS OF RICE PESTS**

INSECT PESTS	ECONOMIC THRESHOLD LEVELS
Borers (White, Yellow & Pink)	0.5% attack on rice nursery while 8-10 Moth/Trap/Night & 5% dead heart on rice crop.
Toka	2-3 per net sweep.
Leaf Folder	2 rolled leaves per plant in July-August & 3 rolled leaves per plant in September-October.
Brown Plant Hopper	5 Nymphs or Adults per plant in July-August & 10 Nymphs or Adults per plant in September-October.
White Backed Plant Hopper	10 Nymphs or Adults per plant in July-August & 15 Nymphs or Adults per plant in September-October.
Hispa	1 per plant
Diseases	On appearance

- Details of Hotspots and Below ETL spots can be seen from the reports already emailed by DG AE office to DDAs and ADAs of Agri. Extension wing & from concerned ADAs (PP) and AOs (PP).
- Action taken reports of hot spots from AD AE should be furnished regularly to concerned DDA and DA (Ext) as well as information to the ADAs (PP) of the District without delay.

  
 ( Dr Muhammad Anjum Ali )  
**DIRECTOR GENERAL**

#### **CC:**

1. PSO to Minister for Agriculture Punjab, Lahore.
2. PO to Secretary to Government of the Punjab, Agriculture Department, Lahore.
3. Additional Secretary (Task Force) to Government of the Punjab, Agriculture Department, Lahore.
4. Director General Agriculture (Extension & AR) Punjab, Lahore.
5. Chairman PCPA & Crop Life Pakistan Multan and Karachi.
6. Director of Agriculture (Information) Punjab, Lahore.
7. Directors of Agriculture (Extension) and DDAs (PP) of Rice Zone.
8. Deputy Director of Agriculture (Extension) / Assistant Director (PW) / ADA (Ext) Rice Zone in Punjab.