

No. 9188 /DGA(PW&QCP)Dated: 09-10-2020**DIRECTORATE GENERAL, PEST WARNING & QCP, PUNJAB**

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PEST ALERT: RICE CROP IN FIRST WEEK OCTOBER 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	0.31	8.57	0.22	9.90	0.33	8.32	Sustaining
2	Leaf Folder	1.80	14.17	2.88	18.82	0.94	10.25	Decreasing
3	WPBH	0.00	0.99	0.00	0.22	0.00	0.55	Low
4	BPH	0.25	2.11	0.00	1.20	0.06	3.14	Increasing
5	Toka	1.55	19.20	0.87	17.90	0.83	12.18	Increasing
6	Foot Rot	1.37	-	2.56	-	0.61	-	Decreasing
7	B.L.B	2.73	-	1.96	-	2.37	-	Increasing
8	B.L.S	11.87	-	8.92	-	14.44	-	Increasing
9	Sheath Blight	0.31	-	0.44	-	0.33	-	Low
10	Blast	3.11	-	2.07	-	2.81	-	Increasing
NO. OF TOTAL SPOTS VISITED						1609		
TOTAL AREA VISITED (Acres)						11654		

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

1. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF RICE BORER					
1	Bahawalpur	16.7	2	Minchinabad	6.90
2. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF LEAF ROLLER					
1	Khanewal	50	10	D.G Khan	14.3
2	Layyah	40	11	Bahawalpur	11.1
3	Karor	40	12	Phalia	8.7
4	Kot chutta	33	13	Shahpur	8.3
5	Jatoi	22	14	Muridke	7.3
6	Jahanain	20	15	M.B.Din	6.7
7	Kabirwala	20	16	Safdarabad	5.5
8	Mian Channu	20	17	Malikwal	5.3
9	Lodhran	17	18	Minchinabad	3.4
3. NO HOT SPOTS OF WHITE-BACKED PLANT HOPPER IN ANY TEHSIL					
4. NO HOT SPOTS OF BROWN PLANT HOPPER IN ANY TEHSIL					
1	Chunian	4.3	3	Pattoki	2.7
2	Pattoki	2.7			
5. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF TOKA					
1	Phalia	13.0	6	Muridke	5
2	Safdarabad	10.9	7	Jaranwala	4
3	Khushab	10.5	8	M.B.Din	3
4	Sheikhupura	7	9	Lahore	3
5	Malikwal	5	10	Nankana Sahib	2.9
6. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF FOOT ROT					
1	Dunya Pur	50.0	6	Ferozwala	11
2	Kot Addu	40.0	7	Kharian	6
3	Shahpur	16.7	8	Nankana Sahib	6
4	Pirmahal	12	9	Kamalia	5
5	Silanwali	11	10	Chunian	2.1
7. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BROWN LEAF SPOT					
1	Kehror Pacca	100	6	Lalian	32
2	Rajanpur	48	7	Chunian	31
3	Bhowana	45.5	8	Bahawalnagar	28
4	Kamoki	33	9	Jampur	28
5	Bhera	33	10	Gujranwala	26.7
8. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BACTERIAL LEAF BLIGHT					
1	Dalal Pur	67	5	Zafarwal	18
2	Mailsi	40	6	Bhera	14
3	Noshehra Virkan	21.4	7	Kamoki	12
4	Burewala	20	8	Malikwal	11

9. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF SHEATH BLIGHT					
1	Bhera	14	3	Gujranwala	3.0
2	Sahiwal	9	4	Kamoki	3
10. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BLAST					
1	Sahiwal	45	5	Vehari	20
2	Karor	40	6	Burewala	20
3	Kot chutta	33.3	7	Muzaffargarh	20
4	D.G Khan	29	8	Taunsa	20

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.