



No. 9935 /DGA(PW&QCP)

Dated: 19-10-2020

DIRECTORATE GENERAL, PEST WARNING & QCP, PUNJAB
AGRICULTURE HOUSE, 21-DAVIS ROAD, LAHORE
 Phone: (042) 99204371, Email: pestwarning@yahoo.com

PEST ALERT: RICE CROP IN SECOND 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	0.39	8.45	0.31	8.58	0.49	8.66	Sustaining
2	Leaf Folder	0.78	10.47	1.80	14.17	0.49	10.52	Decreasing
3	WPBH	0.00	1.06	0.00	0.99	0.00	1.20	Low
4	BPH	0.11	2.69	0.25	2.11	0.00	4.36	Low
5	Toka	0.39	18.81	1.55	19.20	0.54	12.10	Low
6	Foot Rot	1.40	-	1.37	-	0.33	-	Sustaining
7	B.L.B	2.80	-	2.73	-	2.34	-	Sustaining
8	B.L.S	14.28	-	11.87	-	14.01	-	Increasing
9	Sheath Blight	0.78	-	0.31	-	0.98	-	Sustaining
10	Blast	3.53	-	3.11	-	3.05	-	Increasing
NO. OF TOTAL SPOTS VISITED						1786		
TOTAL AREA VISITED (Acres)						13886		

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	Ahmadpur	33	2 Bahawalpur	17
2. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF LEAF ROLLER				
1	Kabirwala	33	10 Mian Channu	17
2	Ahmadpur	22.2	11 Kot chutta	14.3
3	Khanewal	20.0	12 D.G Khan	12.5
4	Jahanain	20	13 Bahawalpur	11.1
5	Karor	20	14 Minchinabad	6.9
3. NO HOT SPOTS OF WHITE-BACKED PLANT HOPPER IN ANY TEHSIL				
4. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BROWN PLANT HOPPER				
1	Shakargarh	7.4		
5. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF TOKA				
1	Malikwal	5	6 M.B.Din	3
2	Narang Mandi	4.8	7 Nankana Sahib	2.7
3	Phalia	4.3	8 Lahore	1.7
6. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF FOOT ROT				
1	Dunya Pur	75	6 Vehari	13
2	Lodhran	60.0	7 Burewala	10
3	Kehror Pacca	50.0	8 Ferozwala	6.3
4	Jatoi	33	9 Bhalwal	5.6
5	Shahpur	20	10 Pirmahal	4.5
7. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BROWN LEAF SPOT				
1	Jalal Pur	75	6 Minchinabad	45
2	Jatoi	66.7	7 Sarai Alamgir	40
3	Sahiwal	65.0	8 Alipur	38
4	Khushab	48	9 Pindi Bhatian	35
5	Shahpur	47	10 Gujrat	30.0
8. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BACTERIAL LEAF BLIGHT				
1	Alipur	38	5 M.B.Din	10
2	Multan	22.2	6 Sahiwal	10
3	Layyah	20.0	7 Gujrat	10
4	Zafarwal	18	8 Malikwal	10
9. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF SHEATH BLIGHT				
1	Sahiwal	20	3 Quaidabad	9.1
2	Silanwali	11.1	4 Bhera	8
10. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BLAST				
1	Silanwali	44	5 Bhera	21
2	Sahiwal	40.0	6 Karor	20
3	Kot Addu	40.0	7 Shakar Garh	15

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