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PEST ALERT: RICE CROP IN FOURTH WEEK JULY 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	0.55	3.18	0.35	2.29	0.00	1.24	Stable
2	Leaf Folder	0.00	0.33	0.00	0.35	0.00	0.06	Stable
3	WPBH	0.00	0.00	0.00	0.00	0.00	0.00	-
4	BPH	0.00	0.00	0.00	0.00	0.00	0.00	-
5	TOKA	0.88	8.55	0.55	8.11	0.19	2.74	Stable
6	FOOT ROT	3.51	-	1.59	-	2.86	-	Increasing ✓
7	B.L.B	0.05	-	0.00	-	0.00	-	Stable
8	B.L.S	0.11	-	0.07	-	0.00	-	Stable
9	SHEATH BLIGHT	0.05	-	0.07	-	0.06	-	Stable
10	BLAST	0.05	-	0.00	-	0.00	-	Stable
NO. OF TOTAL SPOTS VISITED						1825		
TOTAL AREA VISITED (Acres)						16602		

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	Chiniot		3.22
2. NO HOT SPOTS OF RICE LEAF FOLDER IN ANY TEHSIL			
3. NO HOT SPOTS OF WHITE-BACKED PLANT HOPPER IN ANY TEHSIL			
4. NO HOT SPOTS OF BROWN PLANT HOPPER IN ANY TEHSIL			
5. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF TOKA			
1	Baddo Malhi.	10.34	4
2	Shakar Garh	5	5
3	Zafarwal	5	6
6. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF FOOT ROT			
1	Mian Chano	50	5
2	Baddomali	17.24	6
3	Kabir wala	14.28	7
4	Pasror	12.5	8
7. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BACTERIAL LEAF SPOT			
1	Vehari	20	2
8. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BACTERIAL LEAF BLIGHT			
1	Sargodha		3.85
9. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF SHEATH BLIGHT			
1	Noshehra Virkan		3.70
10. TEHSIL WISE PERCENTAGE OF HOT SPOTS OF BLAST			
1	Kot chatta		11.11

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 Cotton Zone.
8. Deputy Director of Agriculture (Extension) / Assistant Director (PW) / ADA (Ext) Cotton Zone in Punjab.