

PEST SITUATION ON RICE CROP IN THE PUNJAB DURING 1ST WEEK OF AUGUST, 2018

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PEST SITUATION ON RICE CROP IN THE PUNJAB DURING 1ST WEEK OF AUGUST, 2018

TEHSIL WISE PEST SITUATION ON RICE CROP

Rice Borers:

On overall Punjab basis 4.33% spots below ETL of Rice Borers have been observed as compared to 2.84% spots during the same corresponding period of last year.

Toka:

On overall Punjab basis 0.00% spots above ETL of Toka have been observed as compared to 0.00 % spots during the same corresponding period of last year, whereas 10.99% spots below ETL have been observed as compared to 6.16% spots during the same corresponding period of last year.

Leaf Roller:

On overall Punjab basis 4.65% spots of Leaf Roller below ETL have been observed as compared to 1.50% spots during the same corresponding period of last year.

Foot Rot:

On overall Punjab basis symptoms of Foot Rot have been recorded on 2.81% spots during the week under report as compared to 3.16% spots during the same corresponding period of last year.

Brown Leaf Spot (BLS):

On overall Punjab basis symptoms of Brown Leaf Spot have been recorded on 0.32% spots during the week under report as compared to 0.63% during the same corresponding period of last year.

METEOROLOGICAL DATA OF THE WEEK

METEOROLOGICAL DATA FOR THE 1ST WEEK AUGUST, 2018 RICE ZONE								
Districts	2018				2017			
	Temperature		R.H%	Rainfall (mm)	Temperature		RH%	Rainfall (mm)
	Max.	Min.			Max.	Min.		
Gujranwala	35.71	24.11	75.07	28	32.54	23.81	88.21	34
Hafizabad	35.44	27.55	73.88	27	34.85	27.14	67.42	6
Sialkot	36.44	24.84	66.2	32	33.2	23.82	62.85	30
Narowal	33.44	22.33	82.55	49	30.55	22.44	87.44	143
Gujrat	34.42	24.71	0.75	113	37.75	26.75	0.64	0
M.B.Din	35.6	24.84	74.4	48.2	37.99	24.8	64.54	27.84
Lahore	4.45	3.33	6.88	0.00	4.63	3.46	7.53	0.00
Sheikhupura	35.56	26.62	55		37.07	27.71	60.2	
Kasur	5.183	3.816	10.06	0	5.183	3.796	8.326	5.714
Nankana	35.2	27.6	69.8	0	34.88	28.55	64.25	20.8
Faisalabad								
Jhang	40.25	28	49.5	0	40.5	28.5	50	10
Toba Tek Singh	36.48	29.06	73.88	0	36.85	29	80.67	0
Pakpattan	38.7143	27.4286	65.7143	0	37.7143	27.1429	64.5714	0
Okara	37.7	27.9	72	6	36.4	27.4	76	0
Bahawalnagar	40	29.06	54	0	39.38	29.63	58.31	0
Average	32.3055	23.4128	55.312	21.6571	31.9661	23.5968	56.0635	19.811

RECOMMENDATIONS

For the management of rice pests farmers are advised to:-

- i. Be vigilant and conduct regular Pest Scouting of their crop for timely control of pests and use suitable pesticides with the consultation of Extension and Pest Warning field staff immediately for the control of Rice Leaf Folder on late transplanted crop.
- ii. As soon as the symptoms of Foot Rot, Bacterial leaf Blight, Brown leaf spot, Sheath Blight and Blast appear, apply suitable fungicide in consultation with the field staff of pest warning and (Ext.) wing immediately.

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	3 per net on rice nursery & 5 on rice crop.
Leaf folder	2 rolled leaves per plant in July-August & 3 rolled leaves per plant in September-October.
White backed plant hopper	15 Nymphs or Adults per plant in July-August & 20 Nymphs or Adults per plant in September-October. Or 7-10 Nymphs or Adults per net
Hispa	1 per plant
Diseases	On appearance