

PEST INFESTATION ON SUGARCANE IN PUNJAB

FORTNIGHTLY PEST SCOUTING REPORT OF SUGARCANE CROP FOR 1ST FORTNIGHT OF SEPTEMBER, 2026

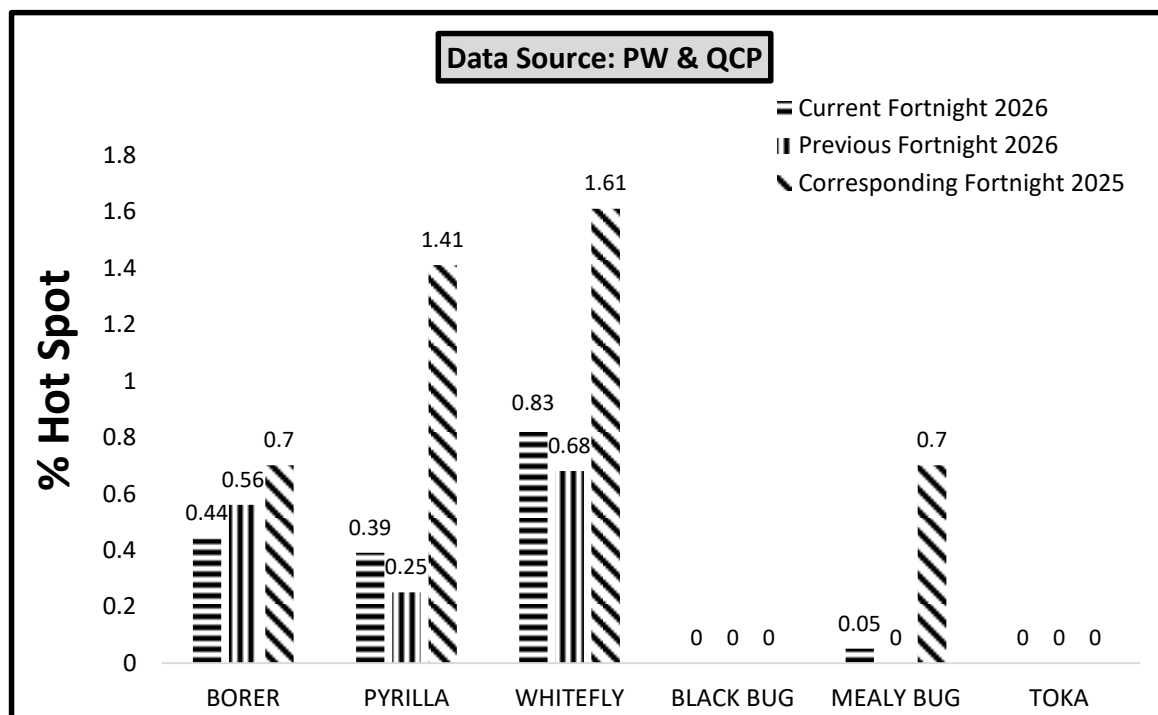
DISTRICT	NAME OF SUGAR MILLS	NO. OF SPOTS	AREA SURVEYED (ACRES)	%AGE INSECT PEST INFESTATION / DISEASE INCIDENCE																			
				BORERS		PYRILLA		WHITEFLY		BLACK BUG		MITES		TOKA		MEALY BUG	TERMITES	RED ROT	WHIP SMUT	MOSAIC VIRUS	RUST	PYRILLA PARASITIZED	EPIRICANIA COCOONS/ LEAF
				Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL								
MULTAN	SHEIKH SUGAR MILLS	5	100	0.00	20.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KHANEWAL	JK SUGAR MILLS	12	74	0.00	41.67	0.00	0.00	0.00	33.33	0.00	25.00	0.00	0.00	0.00	8.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VEHARI	J.K SUGAR MILLS	21	106	0.00	23.81	0.00	0.00	0.00	19.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LODHRAN	ASHRAF SUGAR MILLS	10	118	0.00	40.00	0.00	0.00	0.00	60.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	10.00	10.00	0.00	0.00	0.00	0.00
OKARA	BABA FARID SUGAR MILLS	40	132	0.00	10.00	0.00	7.50	0.00	12.50	0.00	22.50	0.00	0.00	0.00	15.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00
BAHAWALPUR	ASHRAF SUGAR MILLS	27	271	0.00	29.63	0.00	3.70	0.00	18.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	ITTFAQ SUGAR MILLS	17	189	0.00	41.18	0.00	0.00	0.00	29.41	0.00	0.00	0.00	11.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BAHAWAL NAGAR	ADAM SUGAR MILLS	24	81	0.00	8.33	0.00	8.33	0.00	12.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
R.Y.KHAN	HAMZA SURAR MILLS	20	169	5.00	30.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	40.00	0.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00
	JAMAL DIN WALI SURAR MILLS	30	265	10.00	46.67	0.00	26.67	0.00	0.00	0.00	0.00	10.00	33.33	0.00	0.00	0.00	0.00	0.00	6.67	0.00	0.00	0.00	0.00
	ETTEHAD SURAR MILLS	20	161	10.00	50.00	0.00	20.00	0.00	0.00	0.00	0.00	10.00	45.00	0.00	0.00	0.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00
	R.Y.K SURAR MILLS	28	202	7.14	28.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
D.G.KHAN	INDUS SUGAR MILLS	6	67	0.00	33.33	0.00	50.00	0.00	33.33	0.00	0.00	0.00	50.00	0.00	33.33	0.00	0.00	50.00	0.00	0.00	0.00	0.00	0.00
	MEERAN SUGAR MILLS	38	301	0.00	15.79	0.00	13.16	0.00	2.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21.05	0.00	0.00	0.00	0.00	0.00
M.GARH	REHMAN HAJRA SUGAR MILLS	35	147	0.00	62.86	2.86	37.14	0.00	25.71	0.00	11.43	0.00	11.43	0.00	31.43	0.00	0.00	42.86	0.00	0.00	0.00	5.71	1.36
	SHEIKHOO SUGAR MILLS	30	227	0.00	40.00	6.67	60.00	0.00	33.33	0.00	16.67	0.00	16.67	0.00	13.33	0.00	0.00	43.33	0.00	0.00	0.00	16.67	2.20
	FATIMA SUGAR MILLS	30	236	3.33	36.67	6.67	63.33	0.00	30.00	0.00	16.67	0.00	10.00	0.00	13.33	0.00	0.00	50.00	0.00	0.00	0.00	16.67	2.12
RAJAN PUR	INDUS SUGAR MILLS	46	243	0.00	21.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LAYYAH	LAYYAH SUGAR MILLS	20	124	0.00	15.00	0.00	15.00	5.00	35.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00
CHINIOT	MADINA SUGAR MILLS	96	727	0.00	0.00	0.00	9.38	4.17	14.58	0.00	5.21	0.00	0.00	0.00	15.63	0.00	0.00	2.08	4.17	0.00	0.00	0.00	0.00
	RAMZAN SUGAR MILLS	140	854	0.00	0.00	2.14	7.86	3.57	11.43	0.00	0.00	1.43	0.00	0.00	12.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SAFINA SUGAR MILLS	51	372	0.00	0.00	0.00	5.88	0.00	25.49	0.00	0.00	3.92	1.96	0.00	9.80	0.00	0.00	1.96	1.96	0.00	0.00	0.00	0.00
jHANG	HAQ BAHU SUGAR MILLS	46	171	0.00	4.35	0.00	6.52	0.00	13.04	0.00	0.00	0.00	0.00	0.00	10.87	0.00	0.00	8.70	0.00	0.00	0.00	0.00	0.00
	KASHMIR SUGAR MILLS	79	364	0.00	2.53	0.00	6.33	0.00	8.86	0.00	0.00	0.00	0.00	0.00	8.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

DISTRICT	NAME OF SUGAR MILLS	NO. OF SPOTS	AREA SURVEYED (ACRES)	%AGE INSECT PEST INFESTATION / DISEASE INCIDENCE																			
				BORERS		PYRILLA		WHITEFLY		BLACK BUG		MITES		TOKA		MEALY BUG	TERMIT ES	RED ROT	WHIP SMUT	MOSAIC VIRUS	RUST	PYRILLA PARASITIZED	EPIRICANIA COCOONS/ LEAF
				Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL	Above ETL	Below ETL								
	SHAKAR GANJH SUGAR MILLS	84	338	0.00	4.76	0.00	7.14	0.00	10.71	0.00	0.00	0.00	0.00	0.00	9.52	0.00	0.00	10.71	2.38	0.00	0.00	0.00	0.00
	HUNZA SUGAR MILLS	58	226	0.00	5.17	0.00	6.90	0.00	12.07	0.00	0.00	0.00	0.00	0.00	10.34	0.00	0.00	10.34	0.00	0.00	0.00	0.00	0.00
FAISALABAD	HUNZA SUGAR MILLS	121	301	0.00	0.00	0.00	7.44	0.00	8.26	0.00	0.00	0.00	0.00	0.00	15.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	HUSSAIN SUGAR MILLS	127	500	0.00	0.00	0.00	4.72	0.00	7.87	0.00	0.00	0.00	0.00	0.00	17.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.80
	SHAMIM SUGAR MILLS	33	95	0.00	0.00	0.00	3.03	0.00	24.24	0.00	0.00	0.00	0.00	0.00	3.03	0.00	0.00	15.15	0.00	0.00	0.00	0.00	0.00
	Channar SUGAR MILLS	29	118	0.00	0.00	0.00	6.90	0.00	10.34	0.00	0.00	0.00	10.34	0.00	13.79	0.00	0.00	6.90	0.00	0.00	0.00	0.00	0.00
T.T. SINGH	Two Star Sugar mill	216	802.5	0.00	0.93	0.00	2.78	0.46	14.35	0.00	0.00	0.46	0.93	0.00	5.56	0.00	0.00	2.31	0.00	0.00	0.00	0.00	0.00
LAHORE DIVISION NANKANA	SEVEN STAR SUGAR MILLS	114	324	0.00	1.75	0.00	3.51	0.88	13.16	0.00	7.89	0.00	0.00	0.00	22.81	0.00	0.00	0.88	0.00	0.00	0.00	0.00	0.00
KASUR	MAKKA SUGAR MILLS	16	44	0.00	0.00	0.00	6.25	0.00	25.00	0.00	0.00	0.00	0.00	0.00	31.25	0.00	0.00	12.50	0.00	0.00	0.00	0.00	0.00
	BROTHER SUGAR MILLS	15	31	0.00	13.33	0.00	13.33	0.00	0.00	0.00	40.00	0.00	0.00	0.00	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	0.00
	PATTOKI SUGAR MILLS	22	257	0.00	0.00	0.00	13.64	0.00	36.36	0.00	0.00	0.00	0.00	0.00	18.18	0.00	0.00	4.55	0.00	0.00	0.00	0.00	0.00
GUJRANWALA DIVISION, M.B.DIN	SHAH TAJ SUGAR MILLS	53	218	0.00	0.00	0.00	3.77	0.00	9.43	0.00	1.89	0.00	0.00	0.00	11.32	0.00	0.00	5.66	1.89	0.00	0.00	0.00	0.00
SARGODHA	NOON SUGAR MILLS	33	135	0.00	24.24	0.00	24.24	3.03	30.30	0.00	0.00	0.00	3.03	0.00	36.36	3.03	0.00	9.09	0.00	0.00	0.00	0.00	0.00
	SW SUGAR MILLS	104	581	0.00	4.81	0.00	0.96	0.96	9.62	0.00	0.00	0.00	0.00	0.00	13.46	0.00	0.00	5.77	0.00	0.00	0.00	0.00	0.00
	AL ARABIA SUGAR MILLS	31	235	0.00	19.35	0.00	6.45	6.45	38.71	0.00	0.00	0.00	0.00	0.00	9.68	0.00	3.23	16.13	0.00	0.00	0.00	0.00	0.00
	UNICOOL SUGAR MILLS	14	27	0.00	21.43	0.00	14.29	0.00	35.71	0.00	0.00	0.00	0.00	0.00	35.71	0.00	0.00	21.43	0.00	0.00	0.00	0.00	0.00
KHUSHAB	JAUHARABAD SUGAR MILLS	7	23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIANWALI	AL MUEZ SUGAR MILLS	10	35	0.00	0.00	0.00	20.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00
BHAKKAR	DARYA KHAN SUGAR MILLS	101	483	0.00	5.94	0.00	8.91	0.99	10.89	0.00	1.98	0.99	9.90	0.00	4.95	0.00	0.99	3.96	1.98	0.00	0.00	0.00	0.00
TOTAL 1st FORTNIGHT OF SEPTEMBER, 2026		2059	10474.5	0.44	8.98	0.39	8.98	0.83	14.42	0.00	2.38	0.53	3.40	0.00	11.70	0.05	0.10	6.22	0.78	0.00	0.00	0.58	0.20
TOTAL 2nd FORTNIGHT OF AUGUST, 2026		1613	8104.25	0.56	9.61	0.25	10.79	0.68	14.32	0.00	1.49	0.43	2.67	0.00	12.77	0.00	0.00	6.88	1.12	0.00	0.00	0.00	0.25
TOTAL 1st FORTNIGHT OF SEPTEMBER, 2025		993	5864.5	0.70	19.64	1.41	23.56	1.61	30.72	0.00	4.73	0.00	0.10	0.00	22.56	0.70	0.00	9.47	0.10	0.00	0.00	2.92	0.80

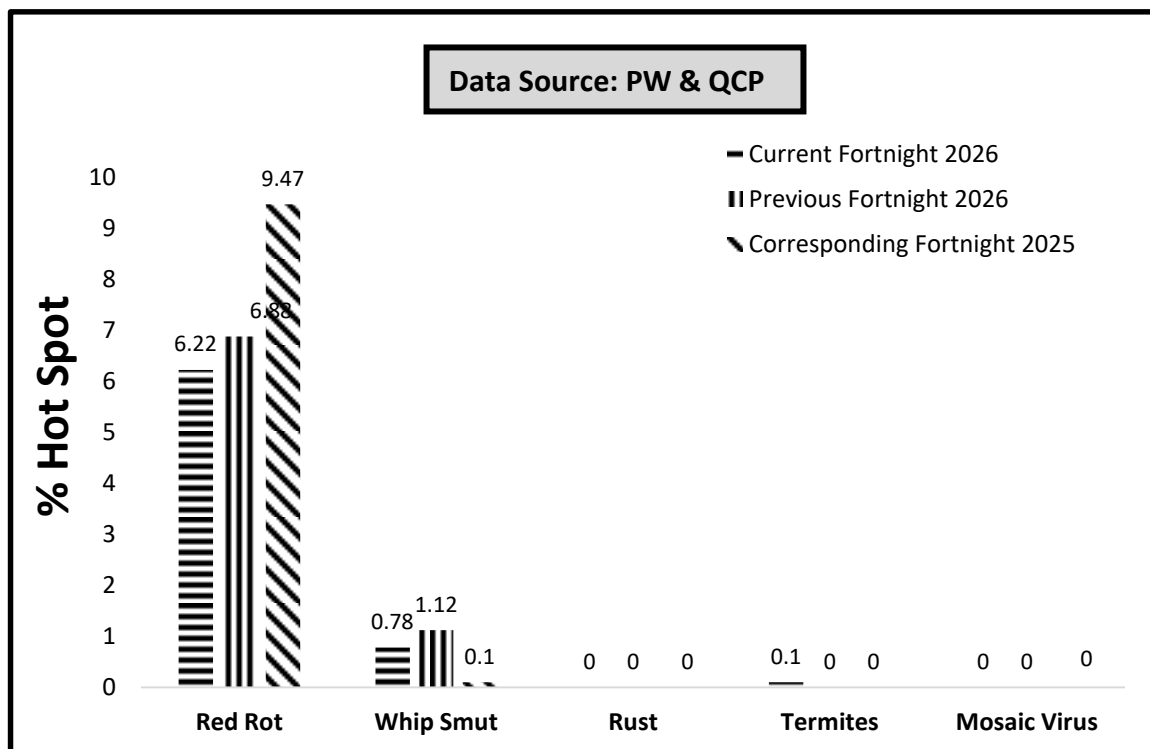
**Pest Situation of Sugarcane
Crop in Punjab
(1ST – 15TH SEPTEMBER 2026)**

GRAPHICAL PEST SITUATION ON SUGARCANE CROP IN PUNJAB FOR THE 1ST FORTNIGHT OF SEPTEMBER 2026

A- Insect Pest



B- Disease



FORTNIGHTLY PEST SCOUTING AND FORECAST REPORT OF SUGARCANE CROP FOR THE 1ST FORTNIGHT OF SEPTEMBER 2026

Pest Situation of Sugarcane Pests								
		%Age of spots						Remarks
Sr. No.	Pest Name	Current F. Night 2026		Previous F. Night 2026		Corresponding F. Night of 2025		
		AETL	BETL	AETL	BETL	AETL	BETL	
1	BORER	0.44	8.98	0.56	9.61	0.70	19.64	Decrease
2	PYRILLA	0.39	8.98	0.25	10.79	1.41	23.56	Increase
3	WHITEFLY	0.83	14.42	0.68	14.32	1.61	30.72	Increase
4	BLACK BUG	0.00	2.38	0.00	1.49	0.00	4.73	-
-5	MITES	0.53	2.40	0.43	2.67	0.00	0.10	Increase
6	TOKA	0.00	11.70	0.00	12.77	0.00	22.56	-
7	MEALY BUG	0.05	-	0.00	-	0.70	-	Increase
8	RED ROT	6.22	-	6.88	-	9.47	-	Decrease
9	WHIP SMUT	0.78	-	1.12	-	0.10	-	Decrease

METEOROLOGICAL DATA OF THE FORTNIGHT

Districts	2026				2025			
	Temperature		R.H%	Rainfall (mm)	Temperature		RH%	Rainfall (mm)
	Max.	Min.			Max.	Min.		
Multan	39.2	28.2	50.6	0.0	32.0	25.1	65.3	50.3
Khanewal	38.1	27.7	46.1	0.0	32.1	25.4	71.4	36.5
Vehari	38.3	27.7	61.6	0.0	32.6	25.4	70.9	28.5
Lodhran	38.0	27.3	65.7	0.0	33.4	24.0	72.3	37.3
Sahiwal	38.6	26.5	66.9	0.0	32.4	24.6	72.0	28.5
Pakpattan	38.2	27.1	65.0	0.0	32.8	25.1	70.5	14.0
Okara	38.5	26.2	66.5	0.0	32.7	24.9	74.6	12.0
Bahawalpur	37.9	28.6	59.4	Drizzling	34.3	26.3	72.6	14.5
Bahawalnagar	39.8	27.2	49.4	0.2	34.5	25.9	80.9	40.6
R.Y. Khan	36.3	27.1	62.9	0.0	34.0	26.1	65.8	16.6
D.G Khan	38.7	26.4	62.0	0.0	33.5	27.0	66.5	20.0
M. Garh	38.0	28.4	59.7	0.0	34.5	26.5	62.0	12.0
Rajanpur	39.9	28.3	66.7	0.0	33.0	29.1	65.1	6.0
Layyah	37.0	29.0	60.0	0.0	32.5	26.5	62.0	24.5
TOT/AVG	38.31	27.56	60.17	-	33.16	25.86	69.40	-

GENERAL RECOMMENDATIONS OF CROPS

BORERS MANAGEMENT

- ❖ Cut the affected shoots or whorls two to three internodes below the damaged portion and feed it to livestock.
- ❖ Use any of the following insecticides on reaching ETL.

Insecticide	Dose per Acre
Chlorpyrifos 10% G	6 kg
Chlorantraniliprole 0.4% G	8 kg
Chlorantraniliprole + Thiamethoxam 0.6% G	8 kg
Benfuracarb 3% G	8 kg
Fipronil 80% WDG	45 g
Chlorantraniliprole 20% SC	150 ml
Tetraniliprole 200 SC	100 ml
Cypermethrin + Profenofos 440 EC (for Gurdaspur borer)	400 ml

PYRILLA MANAGEMENT

- Conserve the beneficial insects *Epiricania melanoleuca* (nymph & adult parasitoid) and *Tetrastichus pyrillae* (egg parasites).
- Cut the leaves (6-inch) bearing cocoons of *Epiricania melanoleuca* and staple them in the crop with Pyrilla infestation.
- Use light traps to attract Pyrilla.
- Avoid excessive use of nitrogenous fertilizers.
- Keep field clean from weeds.
- After the harvesting, do not burn the crop remnant to conserve natural enemies.
- Use any of the following or any other recommended insecticides for border spray of crop;

Active Ingredient	Dose per Acre
Clothianidin 20% SC	250–300 ml
Bifenthrin 10% EC	250 ml
Dimethoate 40% EC	400 ml
Chlorpyrifos 40% EC	500–600 ml
Dinotefuran + Pymetrozine 60% WG	100-120 ml
Imidacloprid 20% SL	250–300 ml

WHITEFLY MANAGEMENT

- Conduct pest scouting twice a week.
- Check out the population of beneficial predatory insects (of eggs, nymphs and adults) e.g. rove beetle, lady bird beetle, Ecarsia species, spiders etc. to avoid spraying.
- Cut the infested leaves and bury them in the soil to reduce the pest population.
- Install 20–25 Chrysoperla cards underside the leaves per acre in sugarcane fields with interval of 15 days.
- Use any of the following or other recommended insecticides at ETL, preferably by using power spray.

Active Ingredient	Dose/Acre
Pyriproxyfen 10.8 EC (IGR)	500 ml
Spirotetramat 240 SC + Bio-Power (IGR)	250 ml+125 ml
Acetamiprid 20 SP	125 ml
Pyrifluquinazon 20 % WG	200 g

DISEASE MANAGEMENT

- Plant approved disease-resistant sugarcane varieties.
- Use healthy, disease-free seed cane for planting.
- If diseased plants are observed, do not keep the field for ratooning. Uproot infected plants, including the stubble, and destroy them.
- If disease appears in a field, harvest the crop early for crushing.
- Follow proper crop rotation practices to reduce disease incidence.

ECONOMIC THRESHOLD LEVELS (ETLs) OF SUGARCANE PESTS

INSECT PESTS	ECONOMIC THRESHOLD LEVEL
Borers	10% infested canes.
Pyrilla	2 per leaf.
Whitefly	10 per Leaf
Black bug	10 per sheath.
Toka	3 per sweep
Mites	10 per Leaf
Mealy bug	Only presence
Termites	10% damage
Rodents	5 live burrows per acre
Diseases	Only presence