

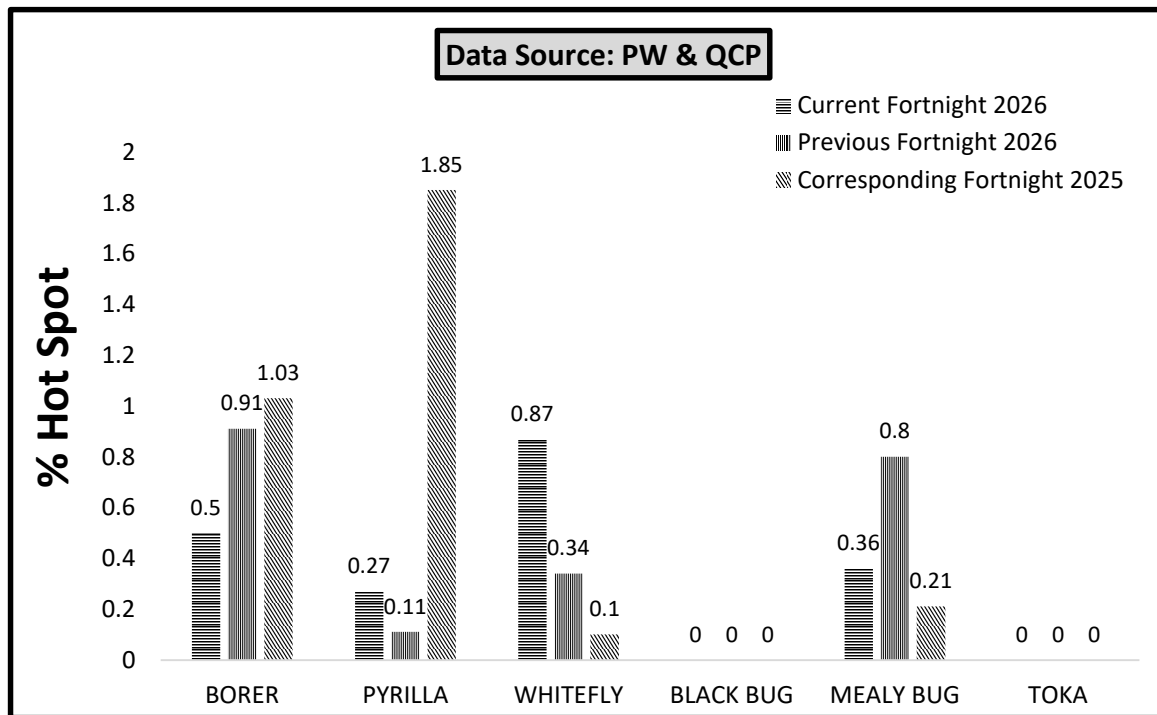
PEST INFESTATION ON SUGARCANE IN PUNJAB																								
FORTNIGHTLY PEST SCOUTING REPORT OF SUGARCANE CROP FOR 1st FORTNIGHT OF AUGUST, 2026																								
DISTRICT	NAME OF SUGAR MILLS	NO. OF SPOTS	AREA SURVEYED (ACRES)	%AGE INSECT PEST INFESTATION / DISEASE INCIDENCE																				
				BORERS		PYRILLA		WHITEFLY		BLACK BUG		MITES		TOKA		MEALY BUG	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									Above ETL
MULTAN	SHEIKH SUGAR MILLS	9	88	0.00	44.44	0.00	11.11	0.00	22.22	0.00	11.11	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	30	260	0.00	36.67	0.00	6.67	0.00	26.67	0.00	20.00	0.00	0.00	0.00	3.33	0.00	0.00	0.00	3.33	0.00	0.00	0.00	0.00	
VEHARI	J.K SUGAR MILLS	21	106	0.00	23.81	0.00	4.76	0.00	19.05	0.00	4.76	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	28	133	0.00	10.71	0.00	7.14	0.00	14.29	0.00	7.14	0.00	3.57	0.00	14.29	0.00	0.00	7.14	10.71	0.00	0.00	0.00	0.00	
OKARA	BABA FARID SUGAR MILLS	46	109	0.00	26.09	0.00	13.04	0.00	19.57	0.00	19.57	0.00	0.00	0.00	23.91	0.00	0.00	17.39	0.00	0.00	0.00	0.00	0.00	
BAHAWALPUR	ASHRAF SUGAR MILLS	48	420	0.00	22.92	0.00	4.17	0.00	37.50	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	
	ITTTFAQ SUGAR MILLS	16	246	0.00	25.00	0.00	0.00	0.00	31.25	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	
BAHAWAL NAGAR	ADAM SUGAR MILLS	20	132	0.00	20.00	0.00	0.00	0.00	15.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	0.00	
R.Y.KHAN	HAMZA SURAR MILLS	20	166	5.00	45.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00	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	324	13.33	46.67	0.00	20.00	0.00	0.00	0.00	0.00	10.00	30.00	0.00	0.00	3.33	0.00	0.00	3.33	0.00	0.00	0.00	0.00	
	ETTEHAD SURAR MILLS	25	188	16.00	40.00	0.00	16.00	0.00	0.00	0.00	0.00	0.00	24.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00	0.00	0.00	
	R.Y.K SURAR MILLS	27	197	7.41	29.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.81	0.00	0.00	0.00	0.00	3.70	0.00	0.00	0.00	0.00	0.00	
D.G.KHAN	INDUS SUGAR MILLS	45	422	0.00	20.00	0.00	15.56	0.00	2.22	0.00	6.67	0.00	0.00	0.00	0.00	0.00	0.00	22.22	0.00	0.00	0.00	0.00	0.00	
	MEERAN SUGAR MILLS	14	261	0.00	21.43	0.00	28.57	0.00	21.43	0.00	0.00	0.00	21.43	0.00	28.57	0.00	0.00	64.29	0.00	0.00	0.00	0.00	0.00	
M.GARH	REHMAN HAJRA SUGAR MILLS	27	349	0.00	62.96	0.00	37.04	0.00	7.41	0.00	11.11	0.00	14.81	0.00	18.52	0.00	0.00	48.15	0.00	0.00	0.00	0.19	0.57	
	SHEIKHOO SUGAR MILLS	30	215	0.00	23.33	3.33	30.00	0.00	13.33	0.00	10.00	0.00	13.33	0.00	10.00	0.00	0.00	33.33	0.00	0.00	0.00	0.00	0.00	
	FATIMA SUGAR MILLS	30	223	0.00	30.00	0.00	26.67	0.00	13.33	0.00	10.00	0.00	10.00	0.00	10.00	0.00	0.00	26.67	0.00	0.00	0.00	0.00	0.00	
RAJAN PUR	INDUS SUGAR MILLS	46	258	0.00	17.39	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	
LAYYAH	LAYYAH SUGAR MILLS	28	159	0.00	14.29	0.00	25.00	0.00	25.00	0.00	0.00	0.00	0.00	0.00	32.14	0.00	0.00	14.29	10.71	0.00	0.00	0.00	0.00	
CHINIOT	MADINA SUGAR MILLS	64	715	0.00	1.56	0.00	17.19	0.00	25.00	0.00	0.00	0.00	0.00	0.00	18.75	0.00	0.00	1.56	0.00	0.00	0.00	0.00	0.00	
	RAMZAN SUGAR MILLS	155	1006	0.00	0.65	0.65	9.68	1.29	14.19	0.00	0.00	1.29	0.00	0.00	7.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	SAFINA SUGAR MILLS	109	659	0.00	0.92	0.00	15.60	0.00	31.19	0.00	0.00	0.92	0.00	0.00	9.17	0.00	0.00	0.92	0.00	0.00	0.00	0.00	0.00	
JHANG	HAQ BAHU SUGAR MILLS	46	193	0.00	6.52	0.00	6.52	4.35	21.74	0.00	0.00	0.00	0.00	0.00	8.70	0.00	0.00	15.22	4.35	0.00	0.00	0.00	0.00	
	KASHMIR SUGAR MILLS	41	210	0.00	4.88	0.00	7.32	4.88	17.07	0.00	0.00	0.00	0.00	0.00	12.20	0.00	0.00	9.76	4.88	0.00	0.00	0.00	0.00	
	SHAKAR GANJH SUGAR MILLS	50	301	0.00	2.00	0.00	4.00	2.00	22.00	0.00	0.00	0.00	0.00	0.00	12.00	0.00	0.00	6.00	2.00	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								
	HUNZA SUGAR MILLS	33	135	0.00	6.06	0.00	9.09	0.00	36.36	0.00	0.00	0.00	0.00	0.00	9.09	0.00	0.00	18.18	0.00	0.00	0.00	0.00	0.00
FAISALABAD	HUNZA SUGAR MILLS	107	271	0.00	0.00	0.00	3.74	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18.69	0.00	0.00	4.67	0.00	0.00	0.00	0.00	0.00
	HUSSAIN SUGAR MILLS	99	180	0.00	0.00	0.00	0.00	0.00	3.03	0.00	0.00	0.00	0.00	0.00	19.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	SHAMIM SUGAR MILLS	39	124	0.00	0.00	0.00	0.00	7.69	15.38	0.00	0.00	0.00	0.00	0.00	5.13	0.00	0.00	15.38	0.00	0.00	0.00	0.00	0.00
	Channar SUGAR MILLS	34	173	0.00	0.00	0.00	0.00	0.00	8.82	0.00	0.00	0.00	0.00	0.00	11.76	0.00	0.00	14.71	0.00	0.00	0.00	0.00	0.00
T.T. SINGH	Two Star Sugar mill	257	1252	0.00	1.56	0.00	5.06	0.78	10.51	0.00	0.00	0.00	0.00	0.00	9.34	0.00	0.00	5.06	0.39	0.00	0.00	0.00	0.00
LAHORE DIVISION NANKANA	SEVEN STAR SUGAR MILLS	100	245.5	0.00	6.00	0.00	2.00	1.00	14.00	0.00	4.00	0.00	0.00	0.00	25.00	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00
KASUR	MAKKA SUGAR MILLS	39	115	0.00	0.00	0.00	5.13	0.00	23.08	0.00	2.56	0.00	0.00	0.00	23.08	0.00	0.00	12.82	0.00	0.00	0.00	0.00	0.00
	BROTHER SUGAR MILLS	14	43	0.00	0.00	0.00	0.00	7.14	0.00	0.00	28.57	0.00	0.00	0.00	21.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	PATTOKI SUGAR MILLS	20	333	0.00	0.00	0.00	10.00	5.00	45.00	0.00	0.00	0.00	0.00	0.00	35.00	0.00	0.00	10.00	0.00	0.00	0.00	0.00	0.00
GUJRANWALA DIVISION, M.B.DIN	SHAH TAJ SUGAR MILLS	61	235	0.00	4.92	0.00	0.00	0.00	4.92	0.00	3.28	0.00	0.00	0.00	9.84	0.00	0.00	6.56	1.64	0.00	0.00	0.00	0.00
SARGODHA	NOON SUGAR MILLS	51	160	0.00	9.80	0.00	11.76	0.00	13.73	0.00	0.00	0.00	0.00	0.00	13.73	5.88	0.00	5.88	0.00	0.00	0.00	0.00	0.00
	SW SUGAR MILLS	129	616	0.00	7.75	1.55	7.75	0.00	8.53	0.00	0.00	0.00	1.55	0.00	3.10	0.78	0.00	6.98	0.00	0.00	0.00	6.98	0.00
	AL ARABIA SUGAR MILLS	42	339	0.00	11.90	4.76	33.33	4.76	28.57	0.00	0.00	0.00	7.14	0.00	14.29	4.76	0.00	11.90	0.00	0.00	0.00	23.81	0.00
KHUSHAB	JAUHARABAD SUGAR MILLS	37	238.5	0.00	10.81	0.00	10.81	0.00	16.22	0.00	0.00	0.00	0.00	0.00	13.51	0.00	0.00	2.70	0.00	0.00	0.00	0.00	0.00
MIANWALI	AL MUEZ SUGAR MILLS	27	129	0.00	0.00	0.00	14.81	3.70	59.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.81	0.00	0.00	0.00	0.00	0.00
BHAKKAR	DARYA KHAN SUGAR MILLS	102	418	0.00	5.88	0.00	7.84	0.98	10.78	0.00	0.98	0.98	11.76	0.00	4.90	0.00	0.00	4.90	1.96	0.00	0.00	0.00	0.00
TOTAL 1st FORTNIGHT OF AUGUST, 2026		2196	12347	0.50	9.38	0.27	9.02	0.87	14.71	0.00	1.96	0.32	2.37	0.00	10.79	0.36	0.00	7.06	0.96	0.00	0.00	0.87	0.02
TOTAL 2nd FORTNIGHT OF JULY, 2026		1750	9416.5	0.91	15.71	0.11	6.91	0.34	12.40	0.00	2.74	0.29	5.94	0.00	10.80	0.80	0.00	6.06	1.89	0.00	0.40	2.29	0.00
TOTAL 1st FORTNIGHT OF AUGUST, 2025		971	5609.25	1.03	19.67	1.85	16.37	0.10	17.71	0.00	3.81	0.10	1.96	0.00	18.95	0.21	0.00	7.21	0.31	0.00	0.00	0.00	0.12

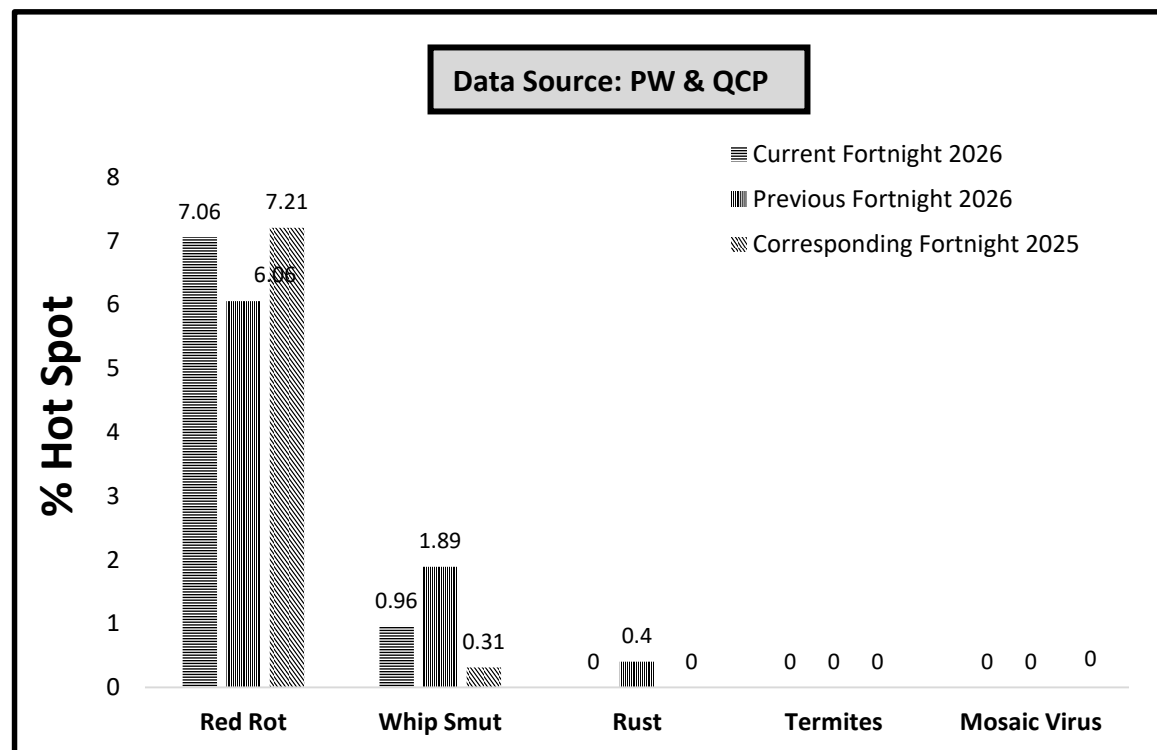
**Pest Situation of Sugarcane
Crop in Punjab
(1ST – 15TH AUGUST 2026)**

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

A- Insect Pest



B- Disease



FORTNIGHTLY PEST SCOUTING AND FORECAST REPORT OF SUGARCANE CROP FOR THE 1ST FORTNIGHT OF AUGUST 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	0.50	9.38	0.91	16.71	1.03	19.67	Decrease
2	PYRILLA	0.27	9.02	0.11	6.91	1.85	16.37	Increase
3	WHITEFLY	0.87	14.71	0.34	12.40	0.10	17.71	Increase
4	BLACK BUG	0.00	1.96	0.00	2.74	0.00	3.81	-
-5	MITES	0.32	2.37	0.29	5.94	0.10	1.96	Increase
6	TOKA	0.00	10.79	0.00	10.80	0.00	18.95	-
7	MEALY BUG	0.36	-	0.80	-	0.21	-	Decrease
8	RED ROT	7.06	-	6.06	-	7.21	-	Increase
9	WHIP SMUT	0.96	-	1.89	-	0.31	-	Decrease

METEOROLOGICAL DATA OF THE FORTNIGHT

Districts	2026				2025			
	Temperature		R.H%	Rainfall (mm)	Temperature		RH%	Rainfall (mm)
	Max.	Min.			Max.	Min.		
Multan	40.6	34.4	51.4	0.1	40.9	30.3	46.9	0.0
Khanewal	37.7	29.4	55.0	0.1	39.5	30.0	53.8	0.0
Vehari	36.6	29.7	55.4	0.1	38.1	29.4	54.9	0.0
Lodhran	36.6	29.0	67.0	10.6	38.0	28.1	56.8	0.0
Sahiwal	37.4	27.9	72.8	2.5	35.9	28.5	72.4	0.0
Pakpattan	37.0	28.1	74.2	14.5	34.8	27.9	74.6	0.0
Okara	38.1	27.2	73.5	38.0	35.5	27.3	72.9	0.0
Bahawalpur	37.6	28.4	68.9	16.9	37.7	29.7	63.0	0.0
Bahawalnagar	38.3	27.7	65.7	28.2	38.2	28.1	61.0	0.0
R.Y. Khan	38.4	28.9	62.1	12.9	37.7	26.0	63.6	0.0
D.G Khan	37.7	28.7	66.0	3.0	39.3	29.7	65.0	2.0
M. Garh	36.3	29.3	72.9	0.7	37.6	29.6	67.4	0.4
Rajanpur	40.2	28.5	64.0	0.0	40.1	28.0	66.9	1.2
Layyah	40.0	29.0	68.0	2.0	42.0	31.0	50.0	5.0
TOT/AVG	38.04	29.01	65.49	-	38.23	28.83	62.08	-

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

