

SHORT COMMUNICATION

**Occurrence of Leaf blight of Roselle (*Hibiscus sabdariffa* L.)  
 in West Bengal**

S.K. SARKAR\* AND ANUPAM JANA

ICAR-Central Research Institute for Jute and Allied Fibres, Barrackpore, Kolkata 700120

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Incidence of Leaf blight of Roselle (*Hibiscus sabdariffa* L.) caused by *Phyllosticta hibiscini* has been recorded in alarming proportion at Barrackpore, West Bengal, India during September, 2014. The pathogen mostly infect the plant from the margin of the leaf and progress towards vein and petiole causing blighting of leaf which is favoured by high humid/rainfall condition. Under dry condition, the symptom restricted and black pin head like pycnidia developed on the infected surface. The pathogen was isolated in PDA media which produce highly branched hyaline mycelia with black dot like pycnidia bearing profuse hyaline, single celled, elliptical conidia. Chlamydospore are also produced in the culture media. Using the same culture bit, pathogenicity test by detached leaf technique was proved.

**Key words:** *Hibiscus sabdariffa*, roselle, leaf blight, *Phyllosticta hibiscina*

Sl. No.	Location	Incidence (%)	Remarks
1	Barrackpore	30.00	Highly humid
2	Barrackpore	25.00	Highly humid
3	Barrackpore	20.00	Highly humid
4	Barrackpore	30.00	Highly humid
5	Barrackpore	15.00	Highly humid
6	Barrackpore	22.00	Highly humid
7	Barrackpore	18.00	Highly humid
8	Barrackpore	25.00	Highly humid
9	Barrackpore	20.00	Highly humid
10	Barrackpore	15.00	Highly humid
11	Barrackpore	22.00	Highly humid
12	Barrackpore	18.00	Highly humid
13	Barrackpore	25.00	Highly humid
14	Barrackpore	20.00	Highly humid
15	Barrackpore	15.00	Highly humid
16	Barrackpore	22.00	Highly humid
17	Barrackpore	18.00	Highly humid
18	Barrackpore	25.00	Highly humid
19	Barrackpore	20.00	Highly humid
20	Barrackpore	15.00	Highly humid
21	Barrackpore	22.00	Highly humid
22	Barrackpore	18.00	Highly humid
23	Barrackpore	25.00	Highly humid
24	Barrackpore	20.00	Highly humid
25	Barrackpore	15.00	Highly humid
26	Barrackpore	22.00	Highly humid
27	Barrackpore	18.00	Highly humid
28	Barrackpore	25.00	Highly humid
29	Barrackpore	20.00	Highly humid
30	Barrackpore	15.00	Highly humid