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(Caribbean)

Race

.Mauritius

(Red rot)

S. Disease N.	Place	Year of Epidemic	Reference
1. Downy mildew	Australia, Fiji, Philippines and Taiwan	1989	Lee and Egan (1989)
2. Fiji disease	Australia	1923, 1989	North (1923), Egan <i>et al.</i> (1985)
3. Gummying	Mascarene islands	1989	Ricaud and Autrey (1989)
4. Mosaic	Australia	1961	Hughes (1961)
	Louisiana (USA)	1961	Abbott (1961)
5. Red rot	India	1942, 2001, 2002	Chona and Padwick (1942), Rao <i>et al.</i> (2001); Duttamajumder (2002)
6. White leaf disease	Sri Lanka Thailand	2002	Rao and Dhumal (2002)
7. Orange rust	Australia	2001	Magarey (2001)
8. Rust	USA	1980	Anon (1980)
		1983	Purdy <i>et al.</i> (1983)

(Saccharum officinarum)

Leafscald

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Yellow spot

Red rot

S.spontaneum S.officinatum

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:

Yellow spot

Red rot



:(Sanitation)

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White leaf Red rot

Streak

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RSD Leafscald

- °C

() Baily Fox

(SHWT)

(LHWT)

(RSD)

Antoine ()

°C

Chlorotic Streak

(Grassy shot) (Red rot)

°C

: -

:(Heat Treatment) -

leaf Scald RSD (Red rot))

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(/ m / m)

°C

James()

PPm

: - (B) (A)

(SHWT)

(SHWT)

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- PPm

(/ - PPm)

PPm

Sugar Cane bacilli form Virus Red Leaf Mottle:

Sugar Cane mild mosaic virus Yellow Leaf Syndrome

Eye spot

: _____

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((Immuno fluorescence) ELISA

DNA

Zhang Brich ()

Leaf Scald

Pantoea dispersa

Monoclonal antibody (PCP(poly merase chain Reaction)

..... RAPD (Random amplified Polymorphic DNA

Leaf Scald

-Short hot water treatment(SHWT)

-Long hot water treatment(LHWT

Solomon,Grewal,S.S,yang-ruli ;Magarey,R.c and
Rao.P.G. . Sugar Cane production Management and
Agro – Industrial Imperasives. pp: - .