

()

Magnaporthe grisea

*

(// : // :)

Magnaporthe grisea

()

PDA

(Effective dose) ED₅₀

ED₅₀

ED₅₀

ED₅₀

ED₅₀

ED₅₀

%

ED₅₀

/

ED₅₀

.ED₅₀

Magnaporthe grisea :

Pyricularia grisea

.(Martin & Salmon, 1930)

(*Magnaporthe grisea* Hebert) Sacc.

(Cardellina, 1988; Gulter, 1998)

.(Webster & Gunne, 1992)

(Neilson *et al.*, 1977;

Emosairure & Ukeh, 1996; Jalali Sendi *et al.*, 2003;

- (Al-abad, 1992; Jalali Sendi, 2003)
 Al-abad *et al.*, 1993; Rao, 1994; Febry *et al.*, 1996;
 Amadioha, 1998; Amadioha & Obi, 1998; Eksteen
 (Dixit& Tripathi, *et al.*, 2001)
 1975; Lapis & Dumancus, 1978; Pandy *et al.*, 1982;
 Annapurna *et al.*, 1983; Singh, 1994; Naidu &
 John, 1998)
- Polyathia longifolia* Sann
 (*Ranunculus sceleratus* L.)
 (Metcalf, 1906; Dixit& Tripathi, 1975; Lapis &
 Dumancus, 1978; Annapurna *et al.*, 1983; Mason
 & Mathew, 1996)
Aspergillus niger *Fusarium oxysporum* Schltdl
 () *A.flavus* Link Tiegh
Xylopi aethiopia (Dunal)
 (Okigbo & (*Zingiber officinale* Rosc.)
Corynespora Nmek a, 2005)
Hevea brasiliensis L. *cassicola* Wei
 (*Ageratum*
Centrosema pubescene Benth. *conyzoides* L.)
 (*Ocimum basilicum* *Emilia coccinea* Sweet.
 (Okigbo & Nmek a, *Solanum torvum* Sw. Muell.)
Caesulia 2005)
axillaries Roxb.
Bipolaris oryzea Sawada
- (Disthaporn, 1994;
 .Ishinguro, 1994; Kim, 1994; Rao, 1994)
 .(Okigbo & Nmek a, 2005)
- (*Sambucus ebulus* L.)
 (*Mellia* (*Artemisia annua* L.)
 (*Polygonum persicaria* L.) *azedarach* L.)
 (*Pteridium aquilinem* (L.) Kum)
 (*Satureia hortensis* L.)
- (Pandy *et al.*, 1982)
- Nyctanthes arbortritis* L. (*Ocimum sanctum* L.)
 (*Citrus limon* L.)
- .(Webster & Gunnell, 1992)
- (1995) Tewari

(Amadioha, 2000)

(Lin & Tsuzuki, 2003)

(Pandy *et al.*, 1982)

$$MGI = \frac{D_c - D_t}{D_c} \times \frac{100}{1}$$

:D_c

:D_t

IA81 VCG-2

()

rpm

°C

()

/

/

(Leora)

ED₅₀

(Tewari, 1995)

/

()

(Lin & Tsuzuki, 2003)

M. grisea

M. grisea

ED₅₀

M. grisea

()

ED₇₅ ED₂₅

()

()

M. grisea

PDA

() ED₅₀

°C

ED₅₀

ED₅₀

ED₅₀

(Ishinguro, 1994)

()

ED₅₀

X^2 (df)	SE±	(%) ^b	ED ₅₀ ^a (%)
/ ()	/ ± /	c	(/ /) /
/ ()**	/ ± /	(/ /) / *	(/ /) /
/ ()**	/ ± /	(/ /) /	(/ /) /
/ ()**	/ ± /	*(/ /) /	(/ /) /
/ ()**	/ ±	(/ /) / *	(/ /) /
/ ()**	/ ± /	(/ /) /	(/ /) /

() a
 ED₅₀ b
 ED₅₀ = % X² **
 % ED₅₀ c
 *

ED₅₀ () ED₅₀ / / / ED₅₀
 ()

ED₅₀ ED₅₀

() ED₅₀

M. grisea

ED₅₀ ()
 %

ED₅₀ ED₅₀

/ ED₅₀ ED₅₀

() ED₅₀ ED₅₀

M. grisea

ED₅₀ ED₅₀

GC-MS ED₅₀ () ED₅₀

- 1. Erythritol
- 2. Camphor

(%)		
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀

X ² (df)	SE±	(%) ^b	ED ₅₀ ^a (%)
/ ()	/ ± /	c	(/ /) /
/ ()	/ ± /	(/ - /) /	(/ /) /
/ ()**	/ ± /	(/ - /) / *	(/ /) /
/ ()	/ ± /	(/ /) / *	(/ /) /
/ ()	/ ± /	(/ /) / *	(/ /) /
/ ()	/ ± /	(/ - /) / *	(/ /) /

() A
 ED₅₀ = b
 % X² **
 c
 % ED₅₀ *

(%)		
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀
(/ /) /	ED ₅₀	ED ₅₀
(/ /) / *	ED ₅₀	ED ₅₀

Amadioha

(2000)

.(Haghighian *et al.*, 2008)

ED₅₀

Colletotrichum

.(Demirci *et al.*, 2006)

()

.(Qasem & Abu-Blan, 1996)

*(%)

(/ /) /

(/ /) /

(/ /) / *

(/ /) /

(/ /) /

(/ /) /

(Sweet flag)

%

ED₅₀

*

.(Ogbebor & Adekunle, 2005)

(2003) Lin & Tsuzuki

Ocimum

(1995) Tewary .

Ophiopogon japonicas

M. grisea

Ker-Gwl

sanctum L.

M. grisea

(2007) Ogbebor *et al.*

Colletotrichum

() *gloeosporioides* (Penz). Sac.

(2000) Amadioha .

Allium) *Ocimum basilicum* L.

(*sativum* L.

in vitro

(1986) Assef *et al.* .

(Blak Boo)

Fusarium oxysporum fsp.

stami

albedinis

(Jihel)

1. Pinocarveol

O. sanctum

.(Tewary, 1995)

.(Kim, 1994)

.(Ahmadi *et al.*, 2009)

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