

( ) ,

*(Eucalyptus globules)*

*(Amaranthus retroflexus)*

*(Convolvulus arvensis)*

\*

( // : // : )

/ / ( ) v/v /

(Singh *et al.*, 2005)

(Azizi & Fuji,

.2006)

(Buhler, 1996)

(Dayan *et al.*,

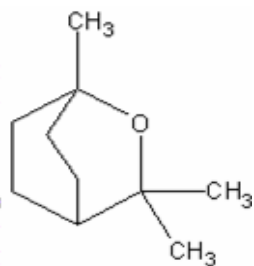
(Singh *et al.*, 2005)

.1999; Duke *et al.*, 2002)

(Omid Beigi, 2005)

(1997) Milhau *et al.*  
(GC/MS)

( / ) ( )  
( / ) ( / )  
( / )  
(Moniri, 1997)



( )  
( )

(Fischer *et*

*al.*, 1994; Voliu, 1999)

(Javanshir, 1972)

(Hatzios, 1998)

(Tworkoski, 2002)

(Batish *et al.*, 2004)

(RashedMohassel *et al.*, 2006)

( / )

(Isman, 2000)

)

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- 
- 10. 1,8-cineole
  - 11. p-cymene
  - 12.  $\alpha$ -pinene
  - 13. trans-pinocarveole

- 
- 1. Allelopathic
  - 2. *Eucalyptus citriodora*
  - 3. *A. viridis*
  - 4. *R. sativus*
  - 5. *E. crus-galli*
  - 6. *Amaranthus retroflexus*
  - 7. *Convolvulus arvensis*
  - 8. *Eucalyptus globules*
  - 9. *Myrtaceae*

( )

±

(Batish *et al.*,

.2004)

( )

( )

:

× ×

( )

a<sub>1</sub>= ( / ) :

a<sub>3</sub>= ( / ) a<sub>2</sub>= / ( / )

a<sub>5</sub>= ( / ) a<sub>4</sub>= / ( / )

(Dudai *et al.*, 1999; Sing *et al.*, 2005)

b<sub>1</sub>= :

.(Dudai *et al.*, 1999)

b<sub>2</sub>=

× ×

( )

a<sub>3</sub>= / v/v a<sub>2</sub>= / v/v a<sub>1</sub>= v/v :

(Dudai *et al.*, a<sub>5</sub>= v/v a<sub>4</sub>= / v/v

b<sub>1</sub>= : 1999)

b<sub>2</sub>=

:

MSTAT-C

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( )

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/ **	/ **	/ **	/ **	/ **
/ **	/ **	/ ns	/ ns	/ **
/ **	/ **	/ ns	/ ns	/ ns
/	/	/	/	/
/	/	/	/	/

(%)

---

\*\* \* ns

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( )	( )	( )	( / )
/ a	/ a	/ a	
/ b	/ b	/ b	/
/ b	/ c	/ c	
/ c	/ d	/ d	/
/ c	/ d	/ d	
/ a	/ a	/ a	
/ b	/ b	/ b	

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\*

... (*Eucalyptus globules*)

:

		( / )
/ a	/ a	
/ a	/ e	
/ ab	/ b	/
/ bc	/ ef	
/ c	/ c	
/ c	/ ef	
/ c	/ d	/
/ c	/ ef	
/ d	/ ef	
/ c	/ f	

(Beuchat, 2001;

Javanshir, 1972)

		( / )
/ **	/ **	/ **
/ **	/ **	/ **
/ **	/ **	/ ns
/	/	/
		(%)
		** * ns

(2004) Batish *et al.*

( )	( / )
/ a	
/ b	/
/ b	/
/ c	/
/ c	
/ b	
/ a	

(Azizi & Fuji, 2006;

( )  
Dudai *et al.*, 1999)

( )	( )	( / )
/ b	/ a	
/ a	/ bc	
/ d	/ b	/
/ bc	/ cd	
/ e	/ c	/
/ bc	/ c	
/ f	/ de	/
/ cd	/ bc	
/ f	/ e	
/ cd	/ cde	

1. *T. aestivum*
2. *Z. mays*
3. *R. sativus*
4. *A. viridis*
5. *E. citriodora*

(*Parthenium hysterophorus*)

(Vaughan, 1991)

(Singh *et al.*,

.2005)

(Dudai *et al.*,

(1999) Dudai *et al.*

.1999)

( )

(Sikkema *et al.*, 1995; Singh *et al.*, 2005;  
.Tworkoski, 2002)

(Kordali *et al.*, 2007)

(1999) Dudai *et al.*

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(Singh *et al.*,

2002)

(Romagni *et al.*, 2000)

(Azizi & Fuji, 2006)

(Einhelling, 1996)

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(Baum *et*

.*al.*, 1998; Dudai *et al.*, 1999)

(Muller, 1965; Tworkoski, 2002;

.Widenhamer *et al.*, 1993)

False ragweed, Congress grass,

White top Weed

Abraham *et al.* (Batish *et al.*, 2004)

(2000)

(2005) Batish *et al.*

10. Electrolyte leakage

11. linalool

12. Citronellal

13. Surfactants

2. Carvacrol

3. *A. blitoides*, *A. palmeri*

4. *E. hirta*

5. *S. nigra*

6. *T. compestre*

7. *L. escolentum*

8. *A. retroflexus*

9. *P. oleraceae*

(Kordali *et al.*,

2-4-D

.2007)

(Ramezani *et*

.*al.*, 2002)

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