

()

***Myzus persicae* (Sulzer)**

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(// : // :)

(I50)

/ × / × / ×

/ × / × / ×

/ /

:

Solanaceae

Y

Myzus persicae Sulzer

Chenopodiaceae

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Cucurbitaceae

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150

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X

(pH=)

(V/V)

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g

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(+)

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(+

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/

(AGS)

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DTNB

3. Polo-pc

4. Beckman

1. Topical application

2. Burkard®

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I50

(
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) /

(
/
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LD50

LD50

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%

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LD50

(Aphis gossypii Glover)

()

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LD50

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LD50

LD50

()

A B B

LD50 ()

/ mg/L

LD50 ()

/ ()

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1. Relative potency = LD₅₀ /

LD₅₀

2. Leaf dip bioassay

... :

X2 (df)c	SE±	b(%)	LD50a (%)
/ ()	/ ± /	(/ /) /	(/ /) /
/ ()	/ ± /	(/ - /) /	(/ /) /
/ ()	/ ± /	(/ - /) /	(/ /) /
/ ()	/ ± /	d	(/ /) /
/ ()	/ ± /	(/ - /) /	(/ /) /
/ ()	/ ± /	(/ - /) / *	(/ /) / *

() LD50 (µg /) a
 LD50 = b
 % X2 c
 d
 % LD50 *

X2 (df)c	SE±	b(%)	LD50a (%)
/ ()	/ ± /	(/ /) /	(/ /) /
/ ()	/ ± /	(/ - /) /	(/ /) /
/ ()	/ ± /	(/ - /) /	(/ /) /
/ ()	/ ± /	d	(/ /) /
/ ()	/ ± /	(/ - /) / *	(/ /) / *

() LD50 µg AI1/ a
 LD50 = b
 % X2 c
 d
 LD50 e
 % LD50 *

1. AI (Active ingredient)

) B () LD50 %
 () E4 LD50 .()
 .() /
 () () ()
 B $(\chi^2 = / df = p \leq /)$
 $(\chi^2 = / df = p \leq /)$
 LD50
 .() .() /
 .() .() /

RR	() I ₅₀	RR ¹	() I ₅₀
/	/ *	/	/ *
—	* *	—	/ *
—	/ *	—	/ *

()
 .()
 .() / /
 I50 .
 .()
)
 .() .()

2. Triazamate

$$1. RR = \frac{LD_{50} \text{ of } R}{LD_{50} \text{ of } S}$$

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)

(

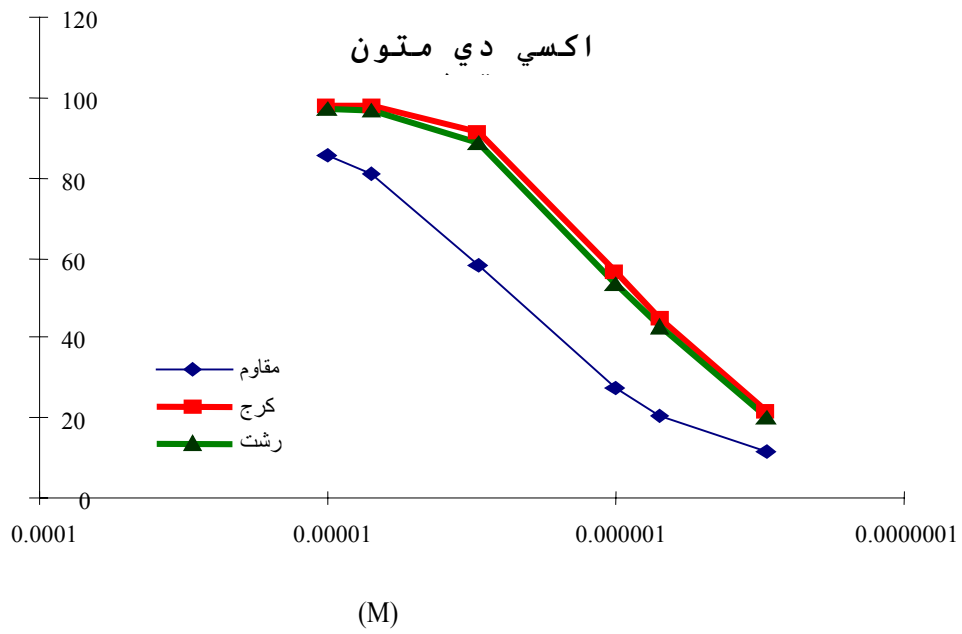
LD50

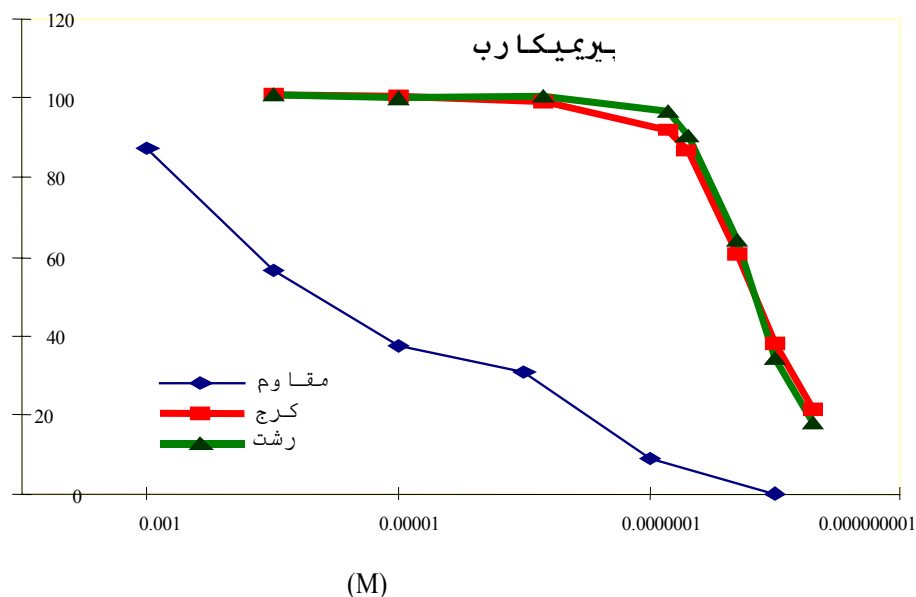
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1. Affinity





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