

***Tegolophus Aceria oleae* (Nalepa)**

*

***hassani* (Keifer)**

/

(Eriophyid mite)

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.()

()

/ 43.58 50.61

25.29 34.68 35.70

()

/ 25.16

Seasonal occurrence of Eriophyid Mites *Aceria oleae* (Nalepa) and *Tegolophus hassani* (Keifer) on some olive cultivars and their susceptibility to infestation in middle of Iraq**Redha S. Al-Jorany & Hala K. Al-Joboory
College of Agriculture/ University of Baghdad****Abstract**

Eriophyid Mite is considered to be one of the important pests on olive shrub and trees in Iraq. Field studies indicated that population of the two species of Eriophyid Mite were found on olive shrub and trees during the study period. Eriophyid mites moving from leaves to fruits during summer months, particularly in June. When the fruit became mature it return to the young leaves and finally disappeared from fruit in the beginning of October. There were two periods activity in the middle of Iraq, the first start of from April to June (spring duration) and second period was from September to the middle of January (Fall duration).

The study showed that all cultivars were infested by Eriophyid Olive Mite. The most sensitive cultivars were (Shami, Khudhiry) and the average number of mite/leaf (50.61, 43.58) respectively. The less sensitivity cultivars (Nibaly, AShrasy, Sorany and Qissy) and the average number amounting of mite/leaf (35.70, 34.68, 25.29 and 25.16) respectively.

"Oleaceae"

Olea europaea L.

(%95)

(1017)

(10,1)

.(1) (2005)

(1129806)

(Eriophyid mite)

.(2)

Eriophyes (=Aceria) oleae Nal.

.(3)

Aceria oleae (Nal.)

Tegolophus hassani (K.)

Tegolophus (K) *Aceria oleae* (Nal.)

hassani

Tegolophus hassani

5 12

Aceria oleae

4 15

(5 - 4)

.(4)

.(5)

.(6)

.(7 2)

Aceria oleae

Tegolophus hassani

:
 / 5
 /
 10
 100
 .2009/10/3 2008/11/15
 -
 X100 (WILD M11)
 ()
 ()
 2009/10/3 2009/6/13 (50)
 X100
 :
 (4 × 15) 2 60
 6 0.5 (1 X 15)
 . 1 2 1
 90 (14) 15
 (540)
 30
 .2009/10/3 2008/11/15
 / 10
 . 180 30

/

. (8) 0.05

Aceria oleae

:

Tegolophus hassani

/ 2.33 (1)

(2) %63 16.5

/ 0.92

% 39 ° 20.7

/ 14.40 14.62

%(29,29) (30.1,36.5)

/ 0.14

%22 37.2

(6)Nuzzaci Laccone

Aceria oleae (9) Shahini*Oxycenus maxwelli* (K) (10)

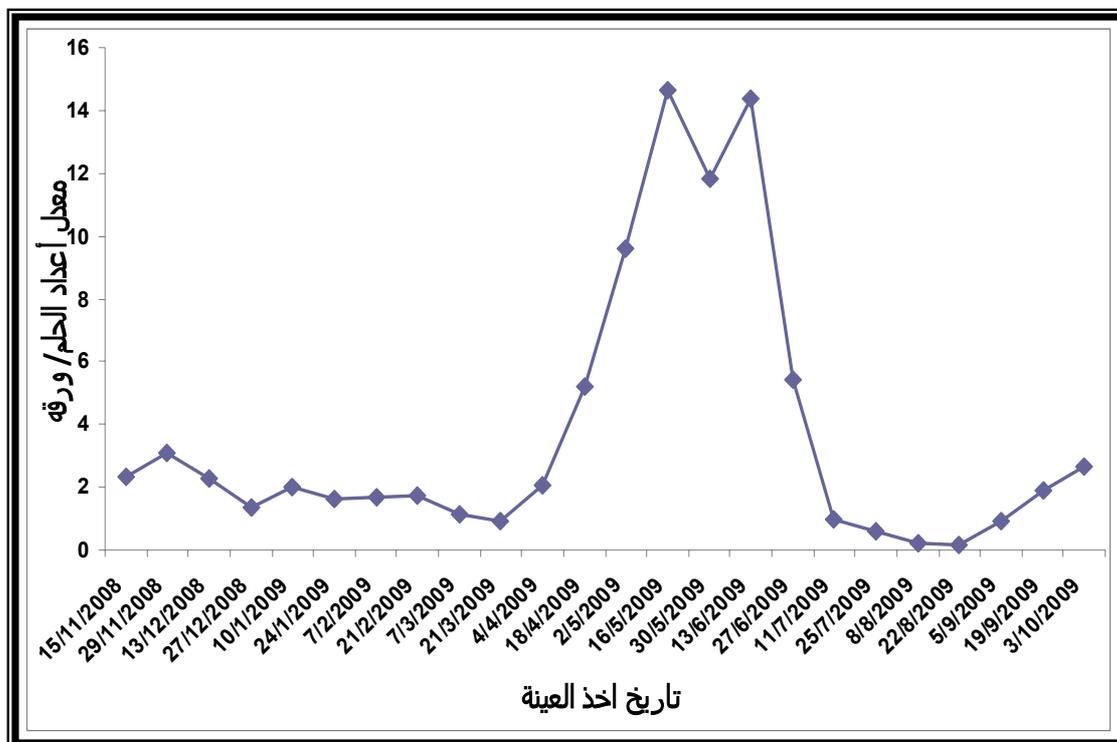
(3)

/ 0.72

/ 5.72

%29

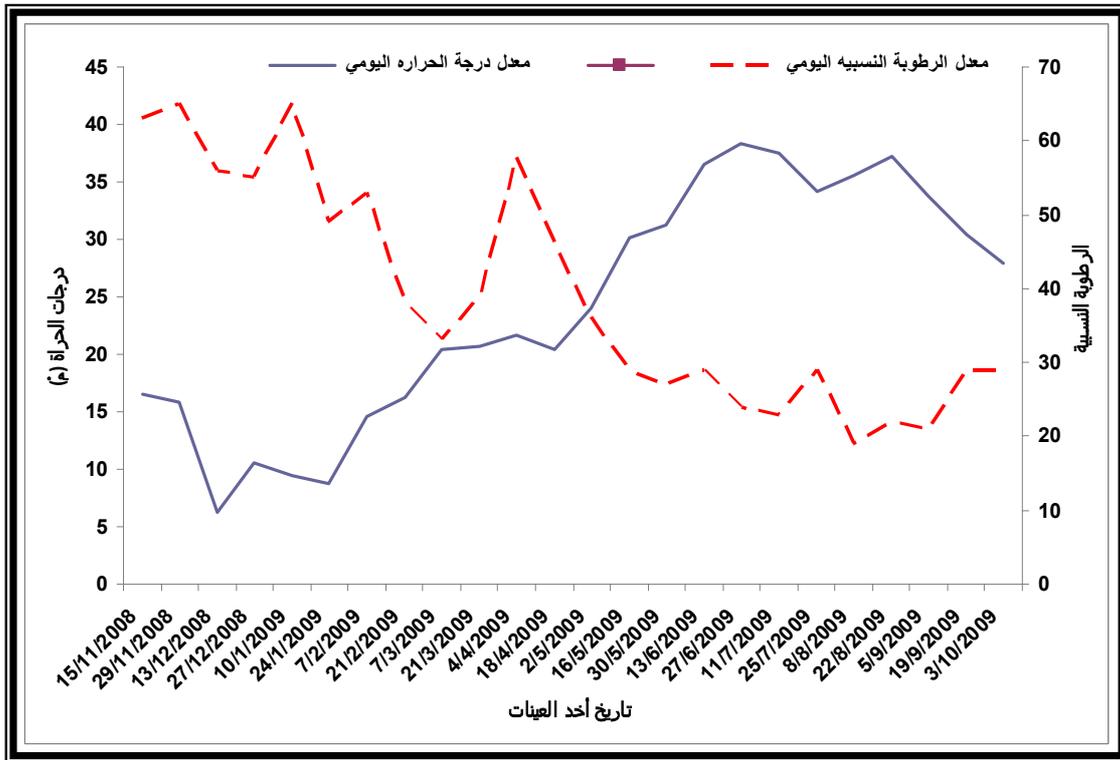
36.5

*Tegolophus hassani* *Aceria oleae*

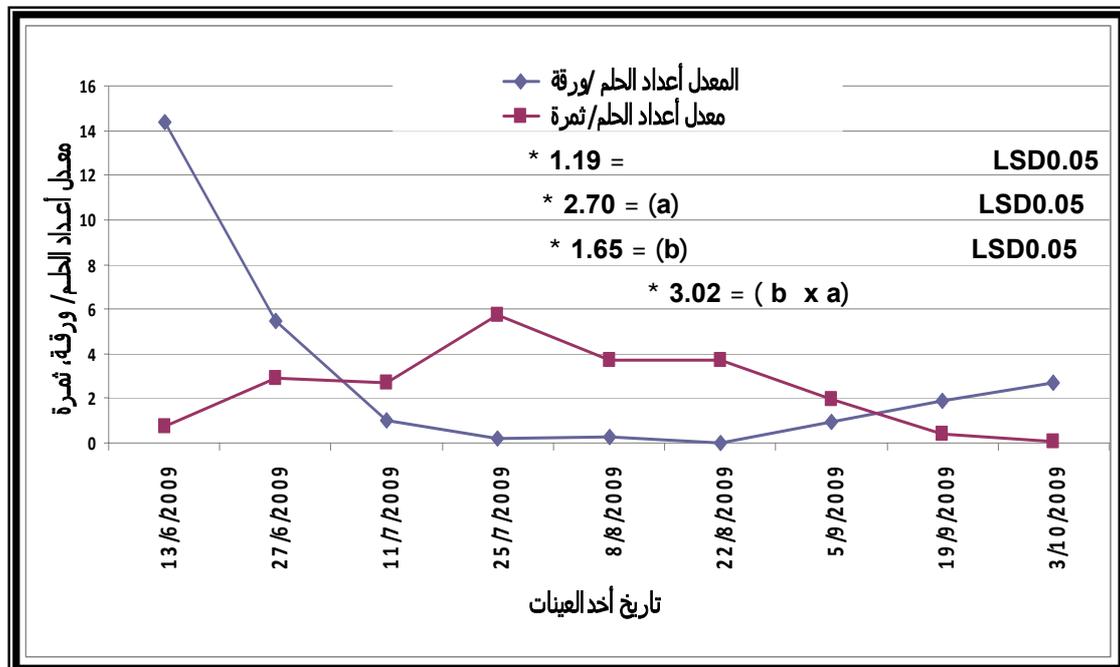
(1)

(12) Oldfield Castagnoli (11) Lindquist

0.5



(2)



Tegolophus hassani *Aceria oleae*

(3)

*Tegolophus**Aceria oleae*

:

hassani

(1)

25.16 25.29 34.68 35.70 50.61,43.58 /

(10)

()

Oxycenus maxwelli (K.)*Oxycenus maxwelli*

(1)

(4) Abou-Awad

Tegolophus hassani *Aceria oleae*

(2)

(/ 35.70)

(/ 3.57)

Aceria oleae

(13)Al-Azzazy

Gonzalez

()

(2)

Aceria oleae

Tegolophus hassani *Aceria oleae*

(1)

| / | | | | | | |
|--------|--------|--------|-------|--------|--------|------------|
| 1.33 | 1.46 | 0.96 | 1.76 | 5.9 | 13.06 | 2008/11/15 |
| 2.33 | 2.06 | 2.20 | 3.26 | 10.93 | 6.26 | 11/29 |
| 1.66 | 1.26 | 1.06 | 1.53 | 3.93 | 24.53 | 12/13 |
| 0.40 | 1.06 | 0.80 | 0.86 | 1.73 | 2.0 | 12/27 |
| 1.26 | 1.20 | 0.40 | 0.86 | 1.60 | 5.26 | 2009/1/10 |
| 0.13 | 0.93 | 0.26 | 0.80 | 1.53 | 2.93 | 1/24 |
| 0.40 | 0.73 | 0.46 | 0.80 | 1.60 | 6.80 | 2/7 |
| 0.80 | 0.60 | 0.73 | 0.80 | 1.60 | 2.13 | 2/21 |
| 0.46 | 1.00 | 0.30 | 0.46 | 0.86 | 2.86 | 3/7 |
| 1.06 | 0.60 | 0.40 | 1.00 | 10.13 | 14.46 | 3/21 |
| 1.73 | 0.53 | 1.06 | 0.86 | 4.26 | 30.6 | 4/4 |
| 1.66 | 5.26 | 1.73 | 12.13 | 25.0 | 64.13 | 4/18 |
| 5.80 | 5.46 | 5.60 | 2.86 | 96.06 | 164.6 | 5/2 |
| 10.2 | 3.33 | 29.93 | 11.53 | 202.86 | 42.2 | 5/16 |
| 34.0 | 3.06 | 39.86 | 39.20 | 138.2 | 66.06 | 5/30 |
| 60.13 | 54.46 | 69.40 | 39.46 | 106.33 | 119.13 | 6/13 |
| 17.0 | 6.73 | 10.13 | 15.06 | 33.66 | 17.46 | 6/27 |
| 98.46 | 97.86 | 66.33 | 15.93 | 98.53 | 97.73 | 7/11 |
| 65.6 | 53.40 | 18.26 | 35.26 | 53.80 | 32.33 | 7/25 |
| 31.13 | 43.33 | 12.6 | 6.53 | 29.93 | 7.20 | 8/8 |
| 14.33 | 27.26 | 11.0 | 25.33 | 18.26 | 23.4 | 8/22 |
| 132.8 | 133.06 | 40.0 | 66.53 | 96.00 | 52.33 | 9/5 |
| 183.73 | 238.13 | 132.26 | 174.0 | 156.6 | 162.46 | 9/19 |
| 190.46 | 149.60 | 161.33 | 147.2 | 115.5 | 86.06 | 10/3 |
| 35.70 | 34.68 | 25.29 | 25.16 | 50.61 | 43.58 | |

11.81 :

0.05

18.34:

0.05

53.26:(×)

0.05

Tegolophus hassani *Aceria oleae*

(2)

| / | | |
|--------|-------|------------|
| 1.33 | 2.33 | 2008/11/15 |
| 2.33 | 3.08 | 11/29 |
| 1.66 | 2.26 | 12/13 |
| 0.40 | 1.36 | 12/27 |
| 1.26 | 1.98 | 2009/1/ 10 |
| 0.13 | 1.62 | 1/24 |
| 0.40 | 1.70 | 2/7 |
| 0.80 | 1.76 | 2/21 |
| 0.46 | 1.14 | 3/7 |
| 1.06 | 0.92 | 3/21 |
| 1.73 | 2.06 | 4/4 |
| 1.66 | 5.22 | 4/18 |
| 5.80 | 9.58 | 5/2 |
| 10.2 | 14.62 | 5/16 |
| 34.0 | 11.80 | 5/30 |
| 60.13 | 14.40 | 6/13 |
| 17.0 | 2.44 | 6/27 |
| 98.46 | 1.00 | 7/11 |
| 65.6 | 0.62 | 7/25 |
| 31.13 | 0.24 | 8/8 |
| 14.33 | 0.14 | 8/22 |
| 132.8 | 0.94 | 9/5 |
| 183.73 | 1.88 | 9/19 |
| 190.46 | 2.68 | 10/3 |
| 35.70 | 3.57 | |

72.73 :

0.05

3.57 :

0.05

19.08 : (×)

0.05

12.86 :

0.05

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