

**Red Spider Mites and Whitefly Control in Eggplant  
Ein-Yahav (Desert climate)  
May 2015**

**Testing different doses of Agro XP  
compared to chemical pesticide**

# Red Spider Mites and Whitefly Control in Eggplant May 2015



AGROMAGEN

Variety: Classic. Trellised plants in a greenhouse.

Planted on: September 2014.

Randomized Complete Block Design. 4 blocks per treatment (32ft X 5.5ft).

Application dates: 4.24.15 / 5.01.15

Application method: knapsack mist blower. 50 Gallon/Acre

evaluation dates: 4.27.15 / 4.30.15 / 5.04.15 / 5.11.15

Method of evaluation: counting live mites and whiteflies on 10 leaves in every block.

Phytotoxic evaluation: testing the plants for presence of phytotoxic evidence on leaves, flowers and fruits.

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## Treatments:

- Agro XP 3%
- Agro XP 6%
- Evisect (Thiocyclam Hydrogen Oxalate 50%) 0.2%
- Kanemite (Acequinocyl 150g/l) 0.25%
- Control - untreated

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live adult whiteflies per leaf				Treatments
11.5.15 (10DAT2)	4.5.15 (3DAT2)	30.4.15 (6DAT1)	27.4.15 (3DAT1)	
B 16.65	B 13.27	B 10.17	B 13.90	<b>Agro XP 3%</b>
B 13.70	B 10.7	B 9.31	C 6.74	<b>Agro XP 6%</b>
B 14.10	B 15.52	B 9.20	B 19.80	<b>Evisect 0.2% (Thiocyclam Hydrogen Oxalate)</b>
A 46.60	A 42.37	A 39.37	A 41.75	<b>Control</b>

DAT – Days After Treatment

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Live adult spider mites per leaf				Treatments
11.5.15 (10DAT2)	4.5.15 (3DAT2)	30.4.15 (6DAT1)	27.4.15 (3DAT1)	
B 23.22	B 22.77	B 27.75	A 30.07	<b>Agro XP 3%</b>
B 18.62	B 19.31	B 26.15	B 22.75	<b>Agro XP 6%</b>
B 22.67	B 25.42	B 30.37	A 33.17	<b>Kanemite 0.25% (Acequinocyl)</b>
A 58.07	A 55.15	A 44.60	A 40.92	<b>Control</b>

DAT – Days After Treatment

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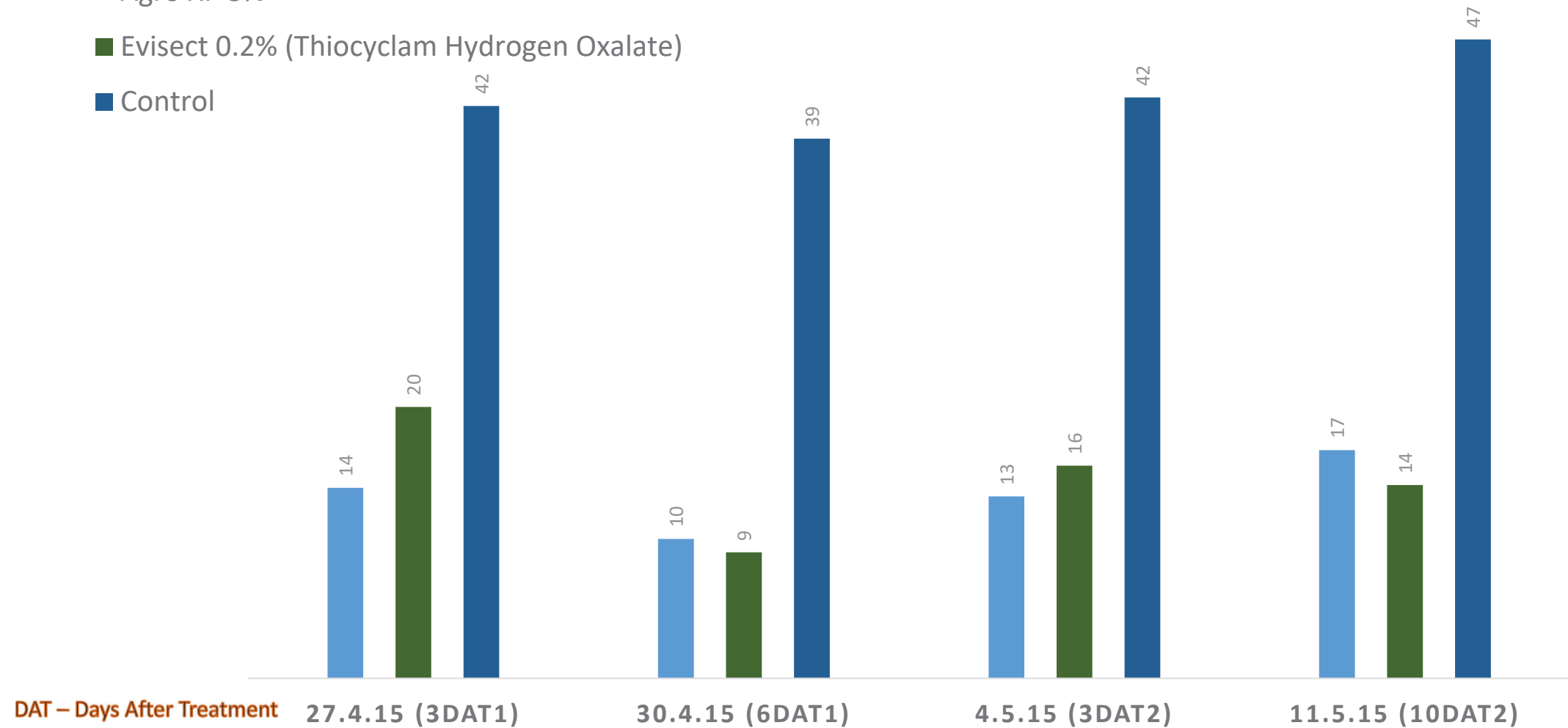


live adult whiteflies per 10 leaves

■ Agro XP 3%

■ Evisect 0.2% (Thiocyclam Hydrogen Oxalate)

■ Control



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live adult spider mites per 10 leaves

■ Agro XP 3%

■ Kanemite 0.25% (Acequinocyl)

■ Control

