

Whitefly Control in Eggplant Yesha (Mediterranean climate) August 2014

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

Whitefly Control in Eggplant

August 2014



Variety: Classic. Trellised plants in an open field.

Planted on: June 2014.

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

Application dates: 7.17.14 / 7.24.14 / 7.31.14 / 8.7.14 / 8.14.14 / 8.21.14

Application method: knapsack mist blower. 50 Gallon/Acre

evaluation dates: 7.17.14 / 7.22.14 / 7.27.14 / 8.13.14 / 8.21.14 / 9.3.14

Method of evaluation: counting live 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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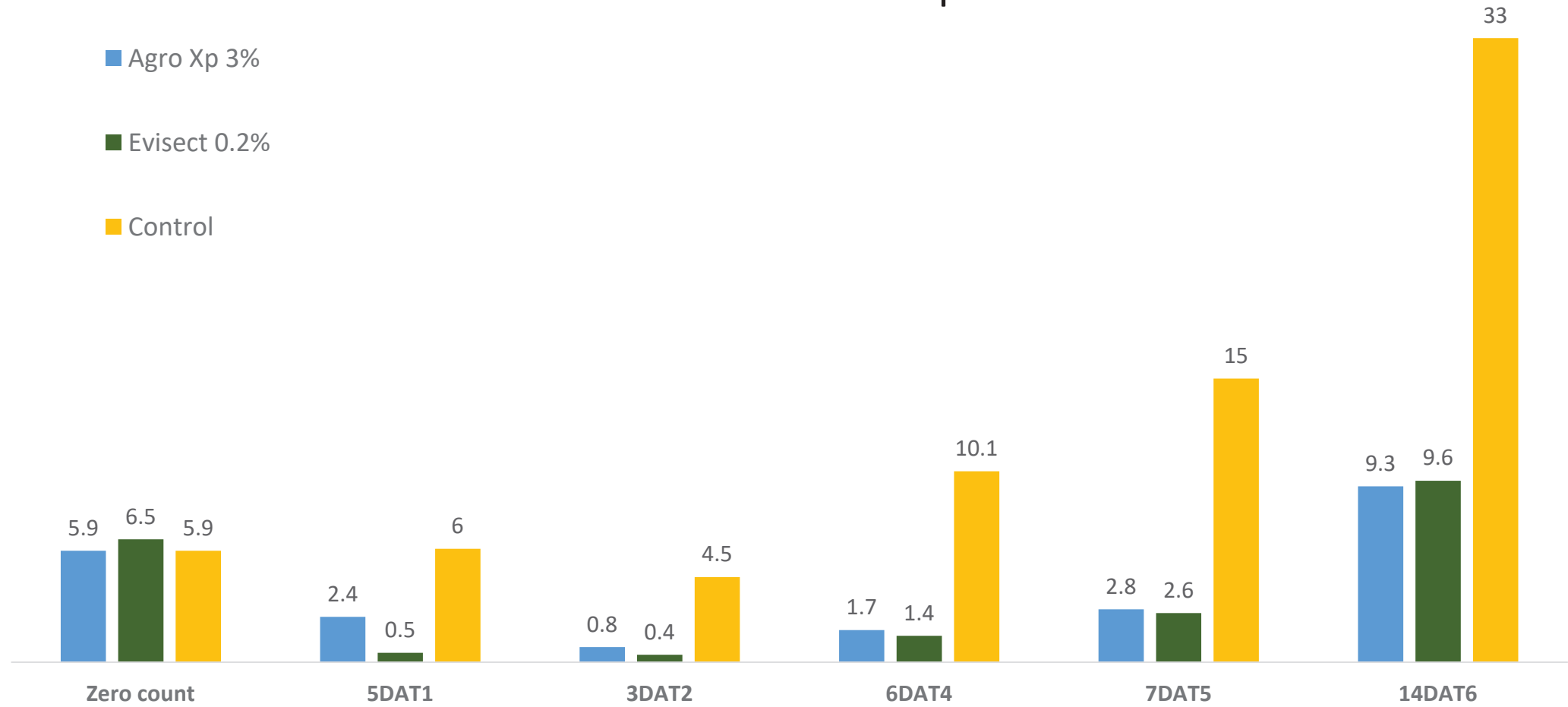
Live adult whiteflies per leaf						Treatments
14DAT6	7DAT5	6DAT4	3DAT2	5DAT1	Zero count	
B 16.9	B 7.0	B 4.5	B 1.4	B 3.3	A 6.2	Agro XP 1.5%
B 9.3	C 2.8	B 1.7	C 0.8	B 2.4	A 5.9	Agro XP 3%
B 7.6	C 2.2	C 0.8	C 0.4	B 1.9	A 5.7	Agro XP 6%
B 9.6	C 2.6	BC 1.4	C 0.4	C 0.5	A 6.5	Evisect 0.2% (Thiocyclam Hydrogen Oxalate 50%)
A 33.0	A 15.0	A 10.1	A 4.5	A 6.0	A 5.9	Control

DAT – Days After Treatment

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live adult whiteflies per leaf



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