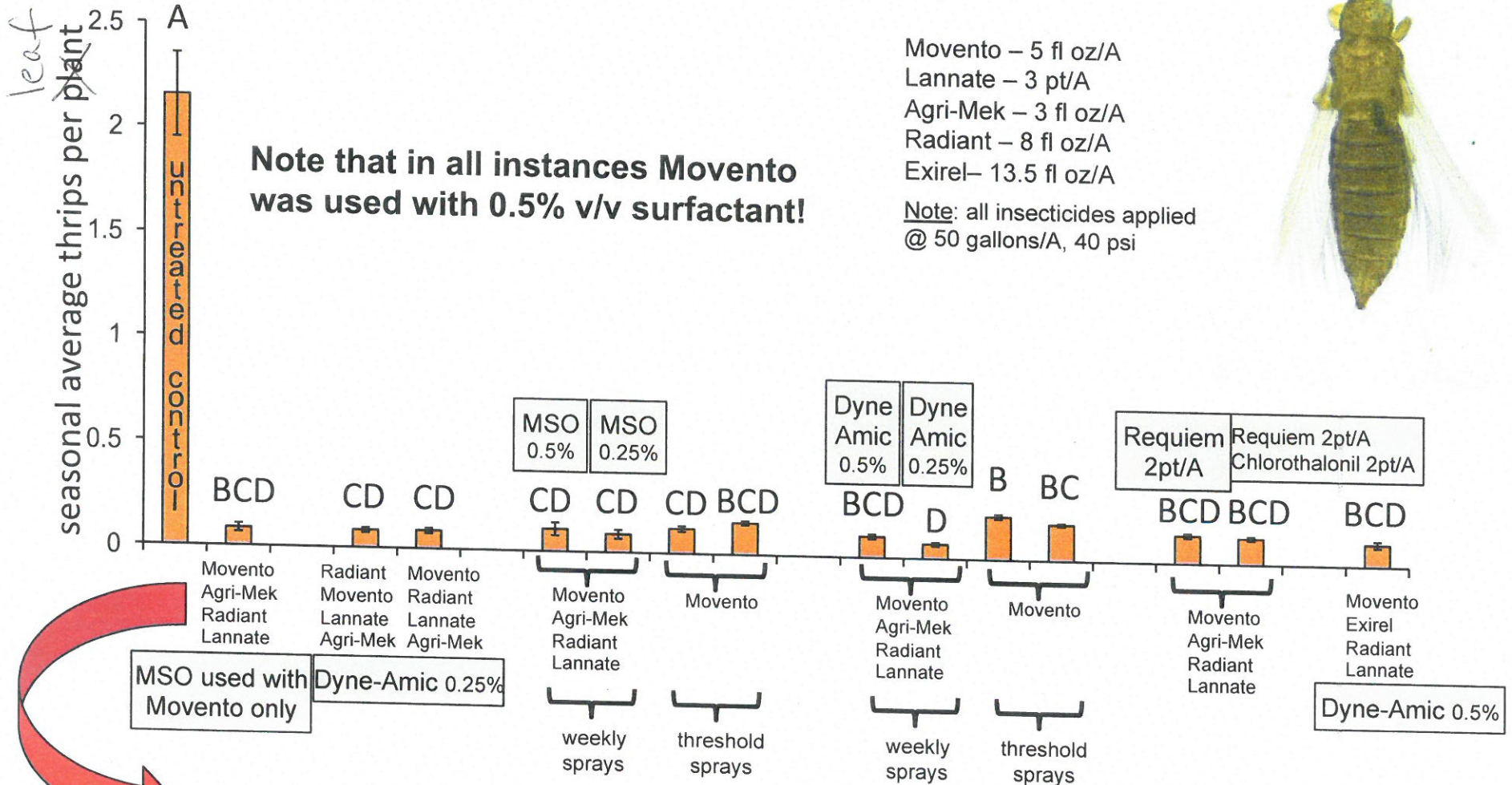


Onion thrips insecticide trial - 2014



each insecticide was applied twice in a row, one week apart!

For more information please visit: <http://vegetable.ent.msu.edu/extension/bulletins/onions/>

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Watch our onion thrips video: search YouTube for 'Onion thrips scouting'!

15 insecticide treatments in the 2014 MSU onion thrips trial:

WEEK1	WEEK2	WEEK3	WEEK4	WEEK5	WEEK6	WEEK7	Seasonal average of onion thrips per leaf ²
Untreated	Untreated	Untreated	Untreated	Untreated	Untreated	Untreated	2.15 a
Radiant (8 fl oz/A) + Dyne-Amic(0.25%)	Radiant (8 fl oz/A) + Dyne-Amic(0.25%)	Movento (5 fl oz/A) +Dyne-Amic (0.5%)	Movento (5 fl oz/A) +Dyne-Amic (0.5%)	Lannate (3 pt/A)+ Dyne-Amic (0.25%)	Lannate (3 pt/A)+ Dyne-Amic (0.25%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.25%)	0.08 cd
Movento (5 fl oz/A) Dyne-Amic (0.5%)	Movento (5 fl oz/A) Dyne-Amic (0.5%)	Radiant (8 fl oz/A) + Dyne-Amic (0.25%)	Radiant (8 fl oz/A) + Dyne-Amic (0.25%)	Lannate (3 pt/A)+ Dyne-Amic (0.25%)	Lannate (3 pt/A)+ Dyne-Amic (0.25%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.25%)	0.08 cd
Movento (5 fl oz/A) +(0.5%) MSO	Movento (5 fl oz/A) + (0.5%) MSO	Agri-Mek (3 fl oz/A)	Agri-Mek (3 fl oz/A)	Radiant (8 fl oz/A)	Radiant (8 fl oz/A)	Lannate (3pt/A)	0.08 bcd
Movento 5 fl oz/A + MSO (0.5%)	Movento 5 fl oz/A + MSO (0.5%)	Agri-Mek (3 fl oz/A) + MSO(0.5%)	Agri-Mek(3 fl oz/A) + MSO(0.5%)	Radiant (8 fl oz/A) + MSO(0.5%)	Radiant (8 fl oz/A) +MSO(0.5%)	Lannate (3pt/A)+ MSO(0.5%)	0.11 cd
Movento 5 fl oz/A + MSO (0.5%)	Movento 5 fl oz/A + MSO (0.5%)	Agri-Mek (3 fl oz/A) +MSO(0.25%)	Agri-Mek (3 fl oz/A) +MSO(0.25%)	Radiant (8 fl oz/A) +MSO(0.25%)	Radiant (8 fl oz/A) +MSO(0.25%)	Lannate (3pt/A) +MSO (0.25%)	0.08 dc
Movento 5 fl oz/A + Dyne-Amic (0.5%)	Movento 5 fl oz/A + Dyne-Amic (0.5%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.5%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.5%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.5%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.5%)	Lannate (3pt/A) + Dyne-Amic (0.5%)	0.09 bcd
Movento (5 fl oz/A) Dyne-Amic (0.5%)	Movento (5 fl oz/A) Dyne-Amic (0.5%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.25%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.25%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.25%)	Radiant (8 fl oz/A) + Dyne-Amic (0.25%)	Lannate (3pt/A)+ Dyne-Amic (0.25%)	0.07 d
Movento (5 fl oz/A) +Requiem(2pt/A)	Movento (5 fl oz/A) +Requiem(2pt/A)	Agri-Mek (3 fl oz/A) +Requiem(2pt/A)	Agri-Mek (3 fl oz/A) +Requiem(2pt/A)	Radiant (8 fl oz/A)+ Requiem (2pt/A)	Radiant (8 fl oz/A)+ Requiem (2pt/A)	Lannate (3pt/A)+ Requiem (2pt/A)	0.13 bcd
Movento (5 fl oz/A) +Requiem(2pt/A)+ Chlorothalonil(2pt/A)	Movento (5 fl oz/A) +Requiem(2pt/A)+ Chlorothalonil(2pt/A)	Agri-Mek (3 fl oz/A) +Requiem(2pt/A)+ Chlorothalonil(2pt/A)	Agri-Mek (3 fl oz/A) +Requiem(2pt/A)+ Chlorothalonil(2pt/A)	Radiant+ Requiem (2pt/A) +Chlorothalonil(2pt/	Radiant+ Requiem(2pt/A)+ Chlorothalonil(2pt/A)	Lannate (3pt/A)+ Requiem(2pt/A)+ Chlorothalonil(2pt/A)	0.12 bcd
Movento (5 fl oz/A) +MSO (0.5%)	Movento (5 fl oz/A) +MSO (0.5%)	Agri-Mek (3 fl oz/A) + MSO (0.5%)	Agri-Mek (3 fl oz/A) + MSO (0.5%)	Radiant (8 fl oz/A)+MSO (0.5%)	Radiant (8 fl oz/A)+MSO (0.5%)	Lannate (3pt/A) +MSO (0.5%)	0.12 cd
Movento 5 fl oz/A + MSO (0.5%)	Movento 5 fl oz/A + MSO (0.5%)	Agri-Mek (3 fl oz/A) MSO(0.25%)	Agri-Mek (3 fl oz/A) MSO (0.25%)	Radiant (8 fl oz/A) MSO (0.25%)	Radiant (8 fl oz/A) MSO (0.25%)	Lannate (3pt/A) +MSO (0.25%)	0.15 bcd
Movento (5 fl oz/A) Dyne-Amic (0.5%)	Movento (5 fl oz/A) Dyne-Amic (0.5%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.5%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.5%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.5%)	Radiant (8 fl oz/A) + Dyne-Amic (0.5%)	Lannate (3pt/A) + Dyne-Amic (0.5%)	0.2 b
Movento 5 fl oz/A)+ Dyne-Amic (0.5%)	Movento 5 fl oz/A)+ Dyne-Amic (0.5%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.25%)	Agri-Mek (3 fl oz/A) Dyne-Amic (0.25%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.25%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.25%)	Lannate (3pt/A)+ Dyne-Amic (0.25%)	0.17 bc
Movento 5 fl oz/A)+ Dyne-Amic (0.5%)	Movento 5 fl oz/A) + Dyne-Amic (0.5%)	Exirel (13.5 fl oz/A) + Dyne-Amic(0.5%)	Exirel (13.5 fl oz/A) + Dyne-Amic(0.5%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.5%)	Radiant (8 fl oz/A)+ Dyne-Amic (0.5%)	Lannate (3pt/A) + Dyne-Amic (0.5%)	0.11 bcd

THRESHOLD

¹ Threshold: 1 thrips / leaf for all insecticides except Radiant - 3 thrips/ leaf

²Average numbers of thrips followed by the same letter(s) are not statistically different from each other.