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Expanding horizons in Biotechnology.....



Effect of Spida against Mites (*Tetranychus neocaledonicus*) and Jassids (*Amrasca biguttula biguttula*) on Okra

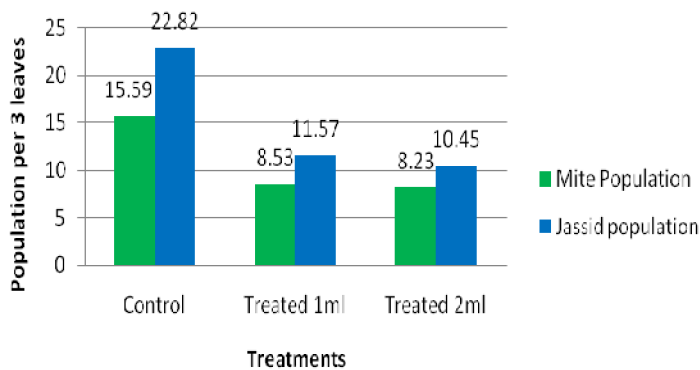
Spida- Botanical Extract

Protocol:

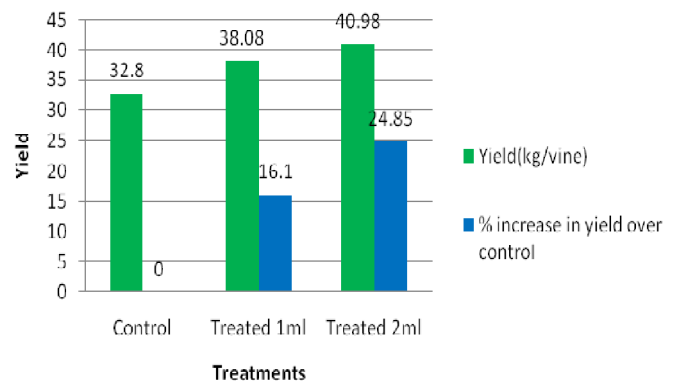
Crop: Okra
Institute: Mahatma Phule Krishi Vidyapeeth, Rahuri
Year of trial: 2011-12
Trial No: DOR/ATR/DDR-III/T-3/Test/4335/2011
Product: Spida
Application: Two sprays @ 1 - 2 ml/L

Treatment	Control	Treated 1ml	Treated 2ml
Mite Population	15.59	8.53	8.23
Jassid population	22.82	11.57	10.45
Yield(kg/vine)	32.80	38.08	40.98
% increase in yield over control	0	16.10	24.85

Effect of Spida on Mites & Jassids



Effect of Spida on Yield



Conclusion:

1. Two sprays of Spida @ 1 to 2ml/L decreased the Mites & Jassids population by 45.28 & 49.29 % respectively.
2. Spraying of Spida @ 1 ml/L and to 2ml/L increased the yield by 16.10 % & 24.85 % respectively.
3. Spida did not show any phytotoxic effect on okra when sprayed at a dose up to 2 ml /Lt.
4. Spida is compatible with quinalphos & carbendazim.



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