

## **P.28 - Effectiveness of the NeemAzal T/S against *Plutella xylostella* (L.)**

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The effect of different concentrations (0.3% and 0.03%) of NeemAzal T/S (NA-T/S) and of the application methods (spraying and irrigation) against the diamondback moth (DBM), *Plutella xylostella* was investigated using small-scale field experiments. NA-T/S treatment had significant impact on the population of DBM on white cabbage. Highest efficiency appeared with 0.3 % NA-T/S spray application once a week resulting in a statistically reliable decrease in pest number in comparison with other variants. NA-T/S 0.03% dosage also appears to be significantly more effective compared with the control. Despite our attempt to clarify the effect of the irrigation application for reduction of DBM population size, we did not find a statistically significant difference in comparison with control. The variant with the irrigation application appeared even somewhat positive for population growth. We may conclude that radical reduction of the DBM population may be achieved by a weekly application of 0.3% NA-T/S.