

THE EFFECT OF SOME SPECIFIC AND SHORT PERSISTENCE APHICIDES AGAINST CUCURBITS APHID

(*Aphis gossypii* GLOV.) (1)

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SUMMARY

The trials were done at Esfahan (Lendjan, 1976), applying randomized block design with five replications. For this experimental purpose, 25 infested plots were chosen, each plot was 25 square meters large.

The aphicides tested are: Pirimor 500p, Croneton 500 EC, D.D.V.P. 50% and Malathion 57% which have been sprayed in 0.05%, 0.1%, 0.15% and 0.2% concentrations. Sampling was carried out one day before spraying and repeated 5 times, 1, 3, 5, 7 and 10 days after spraying.

Results: According to considerations and statistical analysis only Croneton and Pirimor were effective against cucurbits' aphid and can therefore be recommended. The waiting period for pirimicarb was found to be three days by spectrophotometric method but for Croneton due to the lack of relative detector the waiting period could not be evaluated.

REFERENCES

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