



Acarofauna em plantas ornamentais [

2014

text (article)

Analítica

The cultivation and trade of ornamental plants is increasingly gaining ground in Brazil, the wide variety of existing species and exuberance of its flowers, which offer a greater richness to the scene. Thus, the aim of this study was to survey the population of mites associated with ornamental plants in the city of Arapiraca-AL, due to several problems caused by this species. The survey was conducted between the months from April to March, through monthly samples of leaves collected from the basal, middle and apical existing plants in parks and gardens. We collected 55 mites belonging to the order Prostigmata in 20 plant families. The plants with the greatest riches of mites were the *Coleus blumei* L. *Buxus* and *L. sempervirens*, which showed 65% of the sample values. Analyzing the samples taken, it can be observed that there was a higher incidence in the population of mites collected from May, the percentage was 36% of mites collected, and the survey sample data March the percentage found was 14%, the sampling of the months of April and June, the percentage of sampled data was 22 and 28%, respectively. The study's survey of mites in ornamentals allowed to observe the relationship between mites and the relationship with the host plant, subsequently facilitating further study on host plants, and it can be observed that during rainy periods there is a lower incidence population

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Baratz Innovación Documental

- Gran Vía, 59 28013 Madrid
- (+34) 91 456 03 60
- informa@baratz.es