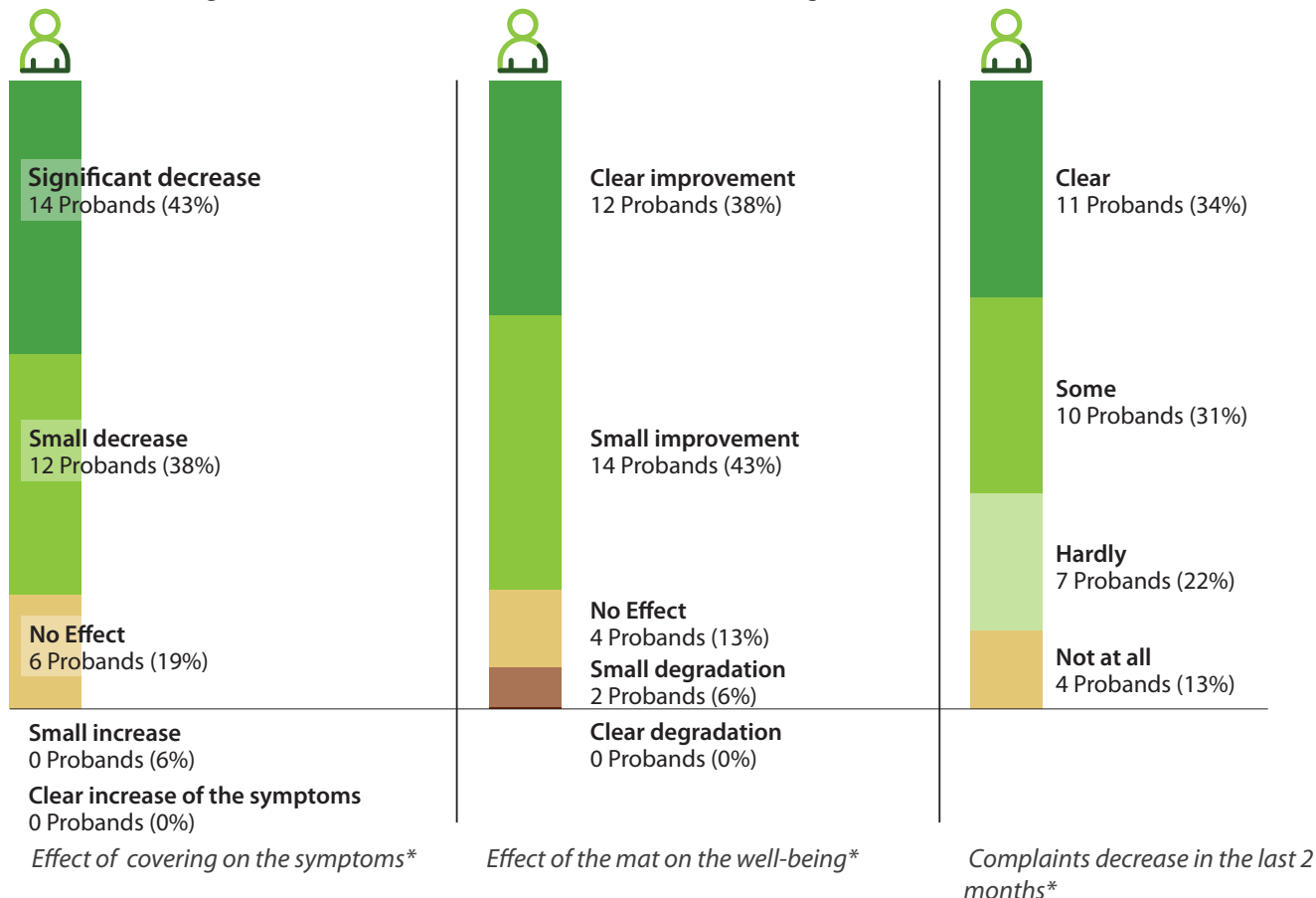


## Objective

Based on the results of a former study conducted by "Insect Services" the present study, designed as practical test, investigated to what extent the Hygienic Wood Bed Mat leads to a reduction of mite populations in beds and an improved well-being of allergy sufferers.

## Approach

32 people suffering from dust mite allergy attended the study for 6 months in order to investigate the impact of the Bed Mat on mite population, allergy symptoms and well-being. The participants had to rate their quality of life with respect to their allergy at the beginning and at the end of the test period. For the determination of the real mite population dust samples were taken from the beds on a regular basis: within the first 10 weeks without, for the following 14 weeks with Bed Mat.



## Results

The HygienicWood Bed Mat reduced the mite population by over 80% within 14 weeks. Allergy symptoms like "blocked nose", "running nose", "urge to sneeze" and "reddened eyes" decreased in 80% of all cases.

Referring to the well-being more than 80% of the participants felt a noticeable improvement. Two-third of the participants quoted a reduction respectively significant reduction of discomfort within the last two months.

## Conclusion

The HygienicWood Bed Mat is an effective opportunity to reduce the mite population in bed. This leads to a distinct reduction of allergy symptoms and to a significant increase of well-being without using any chemicals or extensive cleaning of bed textiles.

### Implementation



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Hygiene Nord GmbH, c/o BioTechnikum,  
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2010.



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Institute of Hygiene and Environmental Medicine,  
Ernst-Moritz-Arndt-University Greifswald,  
Walter-Rathenau-Straße 49 A,  
17489 Greifswald, 2010

\* Data: T. Koburger, D. Pitts, Prof. Dr. med. A. Kramer (Dipl. Biologe) (2010): Results of a field study on the influence of HygienicWood mattress toppers on the number of mites in bed dust and the state of health of people with house dust mite allergies,  
Graphic Composition: Wilms GmbH

