

Mini data sheet on *Trialeurodes abutilonea*

Added in 1998 - Deleted in 2000

Reasons for deletion:

Trialeurodes abutilonea was not considered to be a major pest. In 2000, it was therefore removed from the EPP0 Alert List.

Trialeurodes abutilonea (Hemiptera: Homoptera: Aleyrodidae) - banded-winged whitefly

Why	<i>T. abutilonea</i> came to our attention because it is considered as a pest of ornamentals in south-eastern USA.
Where	Cuba, USA (Arizona, California, Colorado, District of Columbia, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Missouri, New Mexico, New York, North Carolina, Pennsylvania, South Carolina, Texas, Utah, Virginia).
On which plants	Originally described on <i>Abutilon theophrasti</i> but is now considered as a polyphagous species (e.g. <i>Euphorbia pulcherrima</i> , <i>Geranium</i> , <i>Hibiscus</i> , <i>Petunia</i> , many weeds). It is reported as an occasional economic pest of ornamentals. It also occurs on cotton and vegetable crops.
Damage	Direct feeding damage and presence of honeydew and sooty mould which alter the appearance of the ornamentals. If not controlled, it can be a very damaging pest. It is reported as being able to transmit viruses (e.g. abutilon yellows ?closterovirus, diodia vein chlorosis ?closterovirus, tomato chlorosis ?closterovirus), but not as efficiently as <i>Bemisia tabaci</i> .
Pathway	Ornamental plants for planting (cut flowers? vegetables?) from Cuba and USA.
Possible risks	Polyphagous but it is reported as an occasional pest. The main concern is virus transmission. Although it is not as efficient as <i>B. tabaci</i> , closer attention should perhaps be paid to this species.
Source(s)	Insect and related pests of flowers and foliage plants. Some important, common and potential pests in the southeastern United States. edited by Baker, J.R. (1994) North Carolina Cooperative Extension Service, US, 106 pp.
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