Tetranychus evansi was added to the EPPO A2 List in 2008. A full datasheet will be prepared, in the meantime you can view here the data which was previously available from the EPPO Alert List (added to the EPPO Alert List in 2004 - deleted in 2008).

Tetranychus evansi (Acari: Tetranychidae) - red spider mite

Why	The EPPO Secretariat was informed by Dr Reynaud (FR) that a new spider mite
	species, Tetranychus evansi was spreading within Mediterranean countries. As it
	is considered as an invasive species and a damaging pest of tomatoes and other
Whore	solanaceous crops, it was feit useful to add it to the EPPU Alert List.
Where	other parts of the world (e.g. in the 1980s in Southern Africa, at the end of 1980s
	- early 1990s in north Africa 1995 in Spain 2000 in Portugal)
	EPPO region : Israel, Italy, France (Pyrénées-Orientales), Greece (Crete),
	Morocco, Spain (along the Mediterranean coast from Valencia to Almería, also
	found on protected crops in Tenerife), Portugal, Tunisia.
	Africa: Democratic Republic of Congo, Kenya, Malawi, Mauritius (including
	Rodrigues Island), Mozambique, Namibia, Réunion, Senegal, Seychelles, Somalia,
	South Africa, Zampia, Zimpapwe. Asia: Taiwan
	South America: Brazil
	Caribbean: Puerto Rico.
	North America: USA (Arizona, California, Florida, Texas).
On which plants	T. evansi tends to prefer solanaceous crops: tomato (Lycopersicon esculentum),
	aubergine (Solanum melongena), potato (S. tuberosum), tobacco (Nicotiana
	tabacum). But it is also found from several other vegetables (e.g. beans, citrus, cotton, castor bean) and ernamental crops (e.g. Beas), as well as on many wood
	species (e.g. Amaranthus Chenopodium Convolvus Convza Diplotavis
	Hordeum murinum, Lavatera, Sonchus, Solanum nigrum).
Damage	Damage is similar to other spider mites. Feeding punctures led to whitening or
U U	yellowing of leaves, followed by desiccation, and eventually defoliation. In case
	of severe attacks, plants may die. Mites and their webbing can be seen on the
	underside of the leaf. Adult females are 0.5 mm long, oval, orange red with and
	Indistinct dark blotch on each side of the body. They can lay up to 200 eggs.
	completed in 13.5 days. Development is favoured by hot dry conditions (minimum
	temperature 10°C, optimum temperature 34°C). In Southern Africa, it is
	considered as the most important dry season pest of tomatoes. In Zimbabwe, up
	to 90% yield losses have been recorded from field trials.
Dissemination	Over short distances, mites can be spread by wind, irrigation water, and field
	workers (clothing, tools). Irade of host plants can ensure long distance
	also and the second size of <i>T. evansi</i> , and its morphological similarity with other spider mite species renders its detection difficult on consignments
Pathway	Plants for planting of Solanaceae fruits (?)
Possible risks	Solanaceae are important crops in the EPPO region both outdoor and under
	protected cultivation. In many countries where <i>T. evansi</i> has been introduced, it
	is reported as a serious pest (in particular on tomato) which may displace the
	already existing spider mite species. T. evansi is morphologically similar to other
	spider mite species already present in Europe (e.g. <i>1. urticae</i>), it can easily be
	confused with them and therefore remain undetected. Unlike other spider mite
	and Neoseiulus californicus is not effective. Chemical control is possible but
	data is lacking on the ability of <i>T. evansi</i> to develop resistance.

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