

Mini data sheet on *Wheat China mosaic furovirus*

Added in 1999 - Deleted in 2001

Reasons for deletion:

Wheat China mosaic furovirus was reported in 1999 in one part of China but there was no indication that it was a threatening disease. In 2001, in the absence of any further data, it was removed from the EPPO Alert List.

Wheat China mosaic furovirus (a new virus of wheat in China)

Why	This virus came to our attention because it causes a soil-borne disease in Shandong province, China. It has been observed for the last 20 years and causes yield losses (commonly 10-30 % and up to 70% in some cases). It appears to be a new virus (distinct from <i>Wheat soil-borne mosaic furovirus</i>) for which the name wheat <i>China mosaic furovirus</i> has been proposed.
Where	China (Shandong province).
On which plants	Wheat.
Damage	The disease is characterized by light chlorotic streaking on the youngest leaves and bright yellow chlorotic streaking on older leaves or purple chlorotic stripes on some local wheat cultivars. Infected plants are severely stunted, wilt and later die.
Transmission	The virus is associated with <i>Polymyxa graminis</i> (presumed vector).
Pathway	Infected soil from China, seeds? (no data on seed transmission).
Possible risks	Wheat is an important crop in Europe. More data is needed on the transmission of the disease and its geographical distribution (is it present elsewhere in China? outside China?).
Source(s)	Ye, R.; Zheng, T.; Chen, J.; Diao, A.; Adams, M.J.; Yu, S.; Antoniw, J.F. (1999) Characterization and partial sequence of a new furovirus of wheat in China. <i>Plant Pathology</i> , 48(3), 379-387.
EPPO RS 99/127	
Panel review date	2001-01 Entry date 1999-07