

Differences between isolates of the English serotype
of tomato black ring virus in their transmissibility
by an English population of *Longidorus attenuatus*
(Nematoda : Dorylaimoidea)

Derek J. F. BROWN, Anthony F. MURANT and David L. TRUDGILL

Scottish Crop Research Institute, Invergowrie, Dundee, DD2 5DA, UK.

nants carried on RNA-2. These properties, both being a function of the surface structure of the virus particles

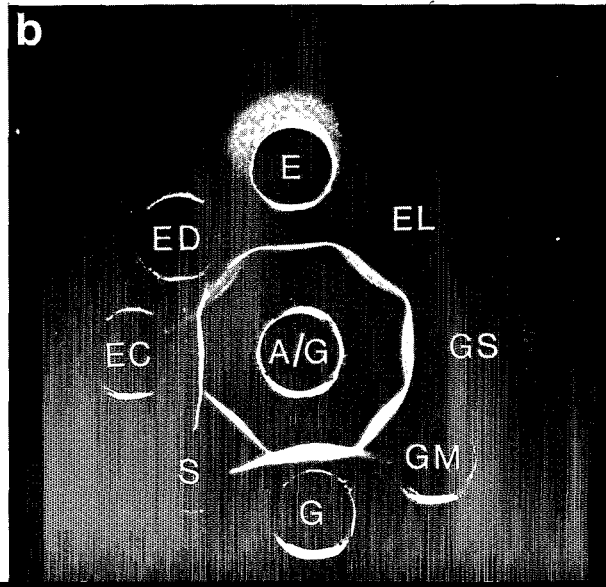
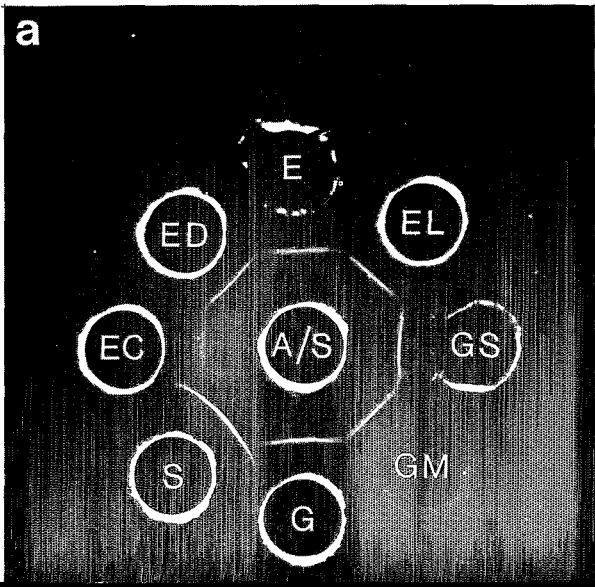
nematodes were recovered by a decanting and sieving procedure (Brown & Pease, 1988) and transferred in

England was substantially larger than the proportion infected with TBRV-GM transmitted by *L. attenuatus* from the field population from Germany (Tab. 2).

Table 2

Transmission of isolates of tomato black ring virus from England and Germany (FGR) by their naturally associated field populations of *Longidorus attenuatus*

No further experiments were possible with *L. attenuatus* from Germany, but two experiments were done on the transmission of English and German isolates of TBRV by *L. attenuatus* from England (Tab. 4). In the first experiment, TBRV-EL was transmitted by about 30-40 % of individual nematodes but TBRV-G was not transmitted at all, despite the fact that galls were produced on the roots of source and bait plants, indicating that the nematodes had fed on them. In the second



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