**UK pest report form - Tomato brown rugose fruit virus**

|  |  |
| --- | --- |
| Field | Detail |
| Pest species name | *Tomato brown rugose fruit virus* |
| Pest species name Taxon (order, family) | Family: Virgaviridae Genus: Tobamovirus |
| Pest common name | Tomato brown rugose fruit virus (ToBRFV) |
| Country | UK |
| Report status *(first, update number or final. Include date.)* | Fourth report on EPPO Reporting Service (Final). 27th November 2021. |
| Host(s) present on | *Solanum lycopersicum* (tomato) |
| Host range (indicate if the host is major, wild-weed, alternate, experimental, or doubtful, if known) | Major |
| Pest status (as per ISPM 8) | Absent: pest eradicated |
| Geographical distribution | No longer present in the UK. Previous outbreaks were at one site in Kent (2019), four sites in the West Midlands (2020) and one site in the East of England (2020). |
| Official control in place | Statutory action is no longer being taken at the outbreak sites, following eradication of the virus. |
| Summary (nature of the finding and phytosanitary measures taken) | Phytosanitary measures at all six outbreak sites included the destruction of the affected crop and the cleansing and disinfection of the affected glasshouses and areas. Newly planted crops at these sites were inspected, sampled and tested for ToBRFV and no positives were found. The affected glasshouse at one site did not have a follow-on host crop and was left empty after cleansing and disinfection. |
| Danger/risk posed | ToBRFV is a damaging virus of tomato and pepper. Symptoms of the virus include mosaic patterning and deformation of leaves, necrosis of pedicels, calyces, petioles and flowers, and discoloration, deformation and necrosis of fruit. In severe cases, ToBRFV may lead to the wilting and yellowing, and eventually the death, of the plant.  ToBRFV was first observed in Israel in 2014, and in Jordan in the following year. Since then, the virus has spread rapidly across Asia, Europe and North America. The main pathways for long distance spread of the virus are seed, plants for planting and fruit. |
| Report files | - |
| Website(s) | - |