

Mini data sheet on Soybean severe stunt virus

Added in 1999 - Deleted in 2002

Reasons for deletion:

Soybean severe stunt virus has been included in EPPO Alert List for more than 3 years and during this period no particular international action was requested by the EPPO member countries. In 2002, it was agreed that it could be deleted, considering that sufficient alert has been given.

Soybean severe stunt virus (a new and severe disease of soybean)

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| Why | <i>Soybean severe stunt virus</i> came to our attention because it was reported as a new and severe disease of soybean. | |
| Where | Delaware, USA. | |
| On which plants | Soybean (<i>Glycine max</i>). | |
| Damage | Affected plants show shortened internodes resulting in severe stunting, thickened, dark-green mottled leaves and a reduced number of flowers, pods and seeds. Plants may be killed. At present, approximately 60 ha are affected by this disease. | |
| Possible identity | A new soilborne uncharacterized virus, called <i>Soybean severe stunt virus</i> . | |
| Transmission | <i>Soybean severe stunt virus</i> is transmitted through soil, and <i>Xiphinema americanum</i> is consistently associated with infected plants in the field. | |
| Pathway | Soil. More data needed for soybean (plants for planting? seeds?). | |
| Possible risks | Soybean is an important crop the for EPPO region. Symptoms are severe (yield is most probably affected), but the disease appears for the moment very limited in USA. | |
| Source(s) | Evans, T.A.; Mulrooney, R.P.; Carroll, R.B. (1998) Characterization and control of soybean severe stunt. A new soilborne virus disease affecting soybean in the USA. Abstracts of papers presented at the 7th International Congress of Plant Pathology, Edinburgh, GB, 1998-08-09/16 (Abst. 1.11.37). | |
| EPPO RS 99/027 | | |
| Panel review date | 2002-01 | Entry date 1999-02 Deleted in 2002 |