

Institut für nationale und internationale Angelegenheiten der Pflanzengesundheit

Institute for National and International Plant Health

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Pest report from NPPO of Germany

Responsible: Julius Kühn-Institut (JKI), Institute for National and International Plant Health

Report sent in 16th February 2012

Reason for reporting: Updated situation in Germany (see notification from 9th November 2010)

Identity of the pest:	<i>Strauzia longipennis</i>
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Categorization of the pest:	Quarantine pest listed in Directive 2000/29/EC Annex IAI No. 25 and listed on the EPPO Alert list
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Host plants concerned:	<i>Helianthus annuus</i>
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Location:	The pest was found in the Federal Laender Berlin and Brandenburg.
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Short description:

- **Date of finding:** *Strauzia longipennis* has been officially notified for the first time on 9th November 2010. The pest was found several times in summer 2011.
- **General context of the pest report:** After the findings of the Sunflower fruit fly in 2009 and 2010 a survey was started in 2011 in Berlin and Brandenburg. In this survey the pest was found at several locations in Berlin and Brandenburg. It is presumed that the pest has established in the urban area of Berlin favoured by sunflowers in private gardens. But *Strauzia longipennis* was found in 27 sunflower fields in Brandenburg, too.
- In the private gardens in Berlin and on the trial field in Kleinmachnow of the JKI the heavily infested sunflowers showed symptoms like plant lodging and deformation of the stem and the flower. Until now no damage has been observed in sunflower cultivation, presumably because the infestation in the commercial fields was much lower than in single plants in gardens in Berlin or on the trial field in Kleinmachnow. Based on the investigations damage is expected in sunflower cultivation if the population has increased which is very likely to occur due to suitable climate and the lack of antagonists. Damage is also likely to be caused by secondary fungal diseases.
- **Are official control measures being taken?** No, but the monitoring will be continued also in other Laender in 2012 in order to investigate the spread of the pest in Germany. The monitoring methods will be optimized and management measures will be worked out.
- **References/Links:** -

Any additional information: -

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