



## Monitoring of fungal inoculum in air samples as an important tool of IPM in Central Europe

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### Abstract

The spores of several fungal pathogens have been monitored in air samples collected in Poland, the Czech Republic, Lithuania and Sweden. Primarily the system included mainly *Leptosphaeria maculans* and *L. biglobosa* - two fungal pathogens of oilseed rape, causing stem canker of brassicas. The network is currently composed of 17 monitoring points, including 9 sites in Poland, 5 in the Czech Republic, 2 in Lithuania and 1 site in Sweden. The monitoring in Poland also included *Pyrenopeziza brassicae*, *Ramularia collo-cygni*, *Fusarium* sp. and *Alternaria* sp. The results are passed to the farmers, free of charge, via website pages, emails and SMS text messages. The monitoring serves as a part of Integrated Pest Management systems.