



10 CFU/mL of plant extract). The evaluation of these methods followed the performance criteria defined in the EPPO pest management standards PM7/98 (2), and PM7/72 (2) (EPPO 2014, 2010).

Results on the detection and isolation of Psa from pollen samples were unexpected (little success in isolating the pathogen or to detect its DNA from experimentally infected samples), probably because Psa cells died during sample transport. The hypothesis taken into consideration was that the artificial inoculation of pollen makes Psa more vulnerable to external conditions, with respect to the natural colonization, and Psa was degraded and eventually died.

Results from woody samples responded to the necessity of the NRL concerning Psa detection and identification. These results, currently in press, allowed the participating laboratories to assess all available methods, thus obtaining an overview of the performance criteria for all tested protocols.



Project ID: *Pseudomonas syringae* pv. *actinidiae* (PSA): diagnosis, detection, identification and study of epidemiological aspects (PSADID).

References:

- Balestra GM, Taratufolo MC, Vinatzer BA, Mazzaglia A, 2012. *Plant Disease* 97: 472-478
- Biondi E, Galeone A, Kuzmanovic N, Ardizzi S, Lucchese C, Bertaccini A, 2013. *Annals of Applied Biology* 162, 60–70
- Gallelli A, L'Aurora A, Loreti S, 2011a. *Journal of Plant Pathology* 93, 425–35
- Gallelli A, Talocci S., Pilotti M and Loreti S., 2014. *Plant Pathology*
- Rees-George J, Vanneste J, Cornish DA, Pushparajah IPS, Yu J, Templeton MD, Everett KR, 2010. *Plant Pathology* 59, 453–464