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Czech J. Genet. Plant Breed.

Prats E., Rubiales D.:

**Resistance to rusts
(*Uromyces pisi* and *U.
viciae-fabae*) in pea**

Czech J. Genet. Plant Breed., 50 (2014):
135-143

Pea is the second most important food legume crop in the world. Rust is a pea disease widely distributed, particularly in regions with warm, humid weather. Pea rust can be incited by *Uromyces viciae-fabae* and by *U. pisi*. *U. viciae-fabae* prevails in tropical and subtropical regions such as India and China, while *U. pisi* prevails in temperate regions. Chemical control of rust is possible, but the use of host plant resistance is the most desired means of rust control. In this paper we revise and discuss the occurrence and incidence of both pathogens on peas, the availability of resistance sources and the present state of the art in pea breeding against this disease.

breeding; histology; *Pisum sativum*;
resistance; rust

[[fulltext](#)]

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