

## Improving *Ascochyta rabiei* resistance in chickpea

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SPG Contributions	Project Status	Duration/Timeline of Project (Year to Year)	Co-funders	Total Project Cost
\$358,693.50	Completed	February 2005 – January 2010	Saskatchewan Ministry of Agriculture – Agriculture Development Fund (ADF)	\$613,675.50

### Project Description

To find superior sources of blight resistance in wild perennial Cicer species and to transfer this resistance into the cultivated chickpea via hybridization.

### Outcome

Results from our two-year field screening clearly showed that all perennial species have *Ascochyta* blight resistance superior to what is available in our cultivars even under high disease pressure and no fungicide application. Yet, incorporating this resistance into the cultivated species has proven difficult.

### Research Objective

#### OBJECTIVE 1

To find superior sources of blight resistance in wild perennial Cicer species and to transfer this resistance into the cultivated chickpea via hybridization.