



# RUSTWATCH

## WHEAT RUST EARLY WARNING

### RustWatch will:

- ▲ Enable more efficient detection of rust resistance in wheat, and the deployment of rust resistant varieties in Europe.
- ▲ Enable testing of elite European wheat varieties and breeding lines in field trials in Europe and the Himalayan region of Pakistan (the global centre of diversity of yellow rust).
- ▲ Develop a web-based European early warning system for wheat rusts.
- ▲ Provide state-of-the art research with new diagnostic tools enabling rapid and precise identification of new invasive races of rust.
- ▲ Investigate the impact of virulence, aggressiveness and adaptation to global warming on pathogen spread and establishment.
- ▲ Provide new tools in the testing of host resistance by going beyond the visual observation of disease to categorising resistance at the cellular level.

